FLASHFORGE Creator 3 FDM 3D Printer User Guide

Contents

FLASHFORGE

FLASHFORGE Creator 3 FDM 3D Printer

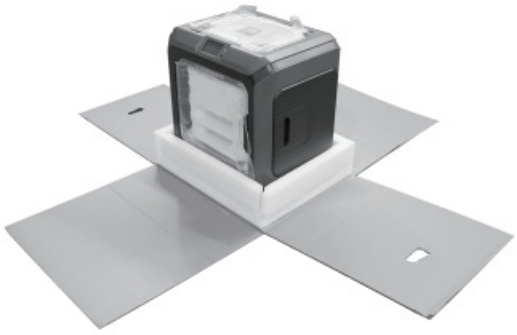
WARNING

1. Hot! Avoid touching the heating nozzle and heating build plate in operation.
2. Moving parts in printer may cause injury. Do not wear gloves or other sources of entanglement in operation.

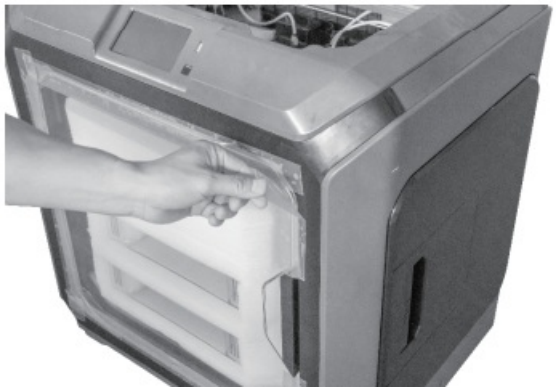
Unpacking

1. Cut off packaging ties, and tear off stretch wrap.
2. Lift outer packing box.

3. Remove top foam.
4. Remove foam around the printer.

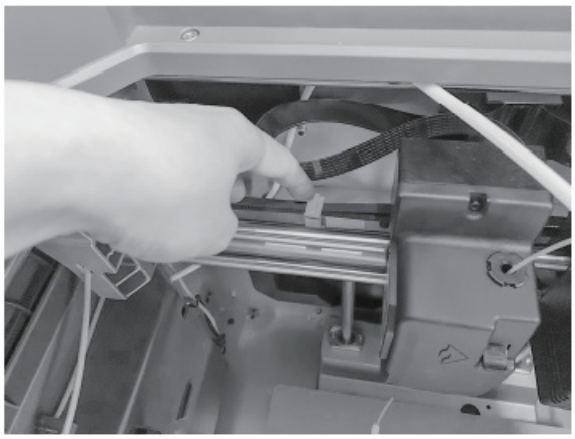


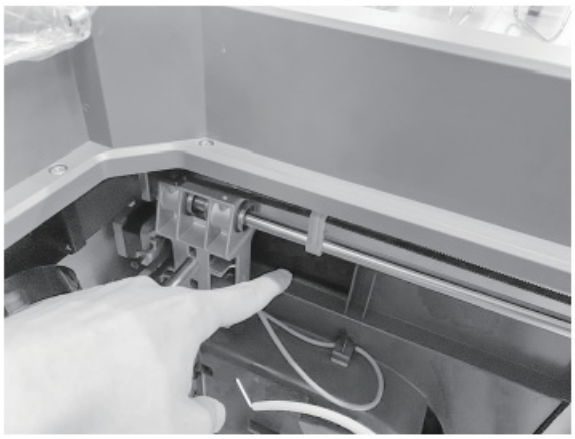
5. Unrip tapes on four corners of the printer, take bubble pack down.
6. Remove tapes on the top, open head cover.



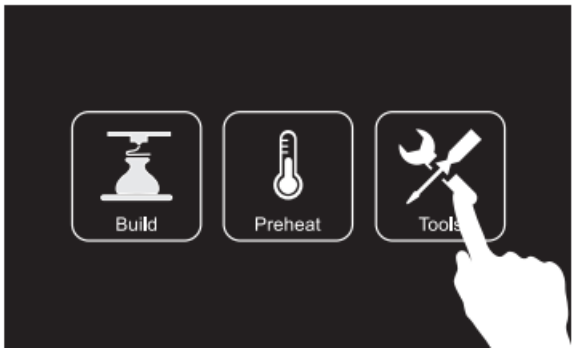
7. Take top parts and foam out.
8. Remove the blue fastening tape.

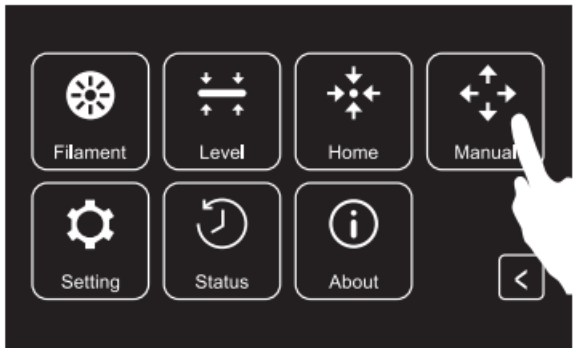
9. Open the front door and take out the front foam which should contain two filament spools and two waste boxes
10. Remove clips on timing belt of X-axis and Y-axis.





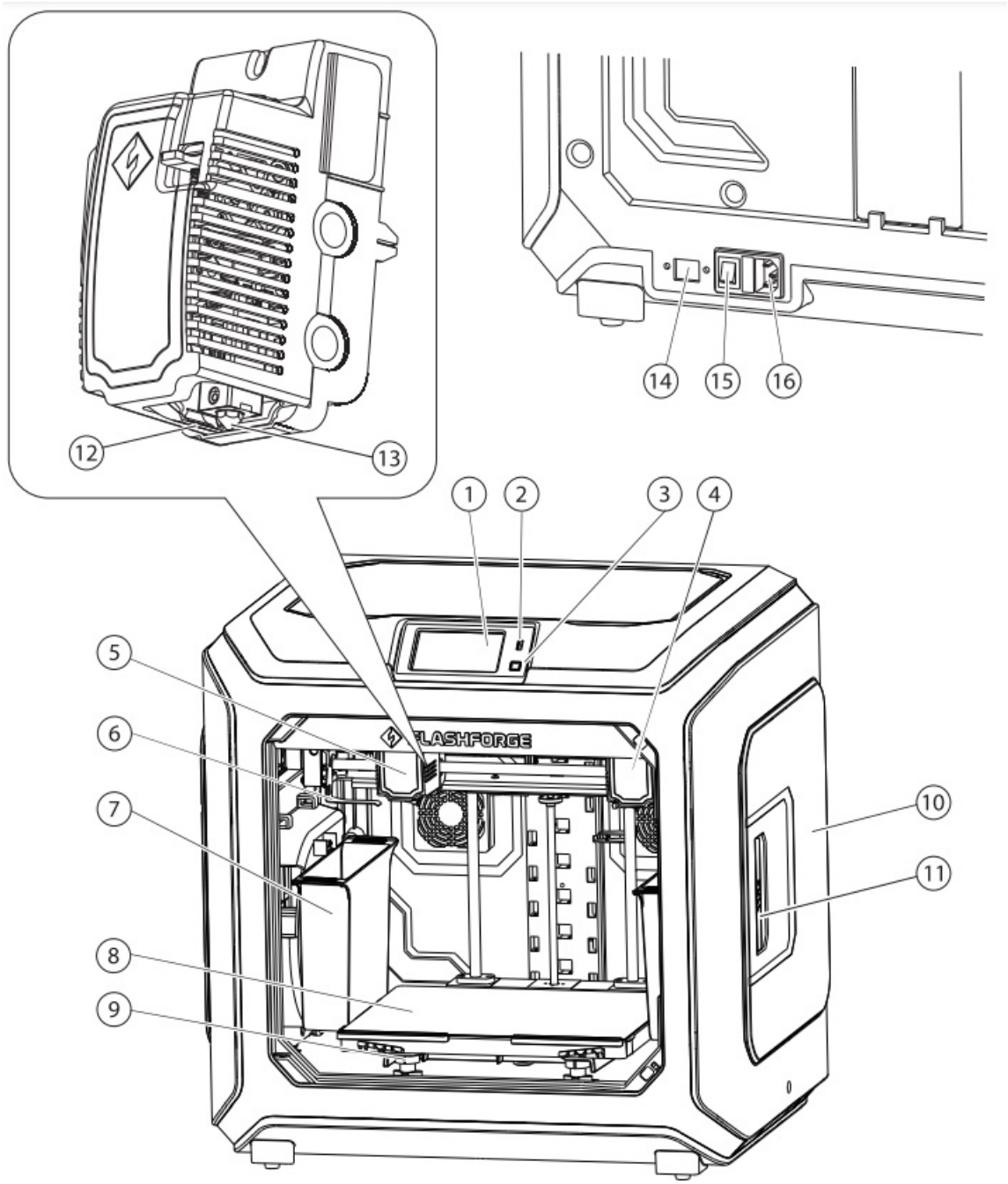
11. Plug power cable into the input on the back and turn on the power switch. Tap[Tools], [Manual
12. Tap (Z-]to partially elevate the build plate





13. Remove bottom foam pieces.
14. Now you've unpacked your Creator 3.

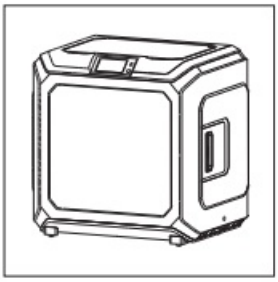
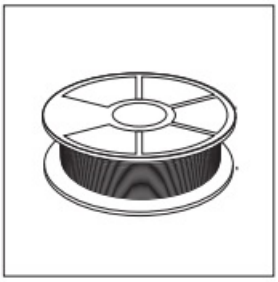
Getting to Know Your Creator 3



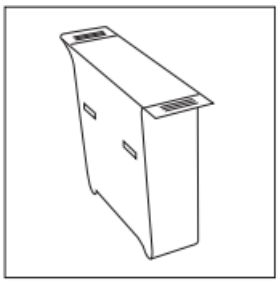
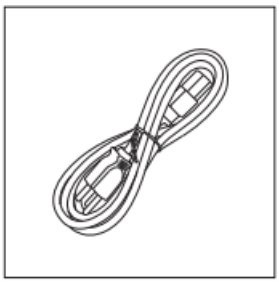
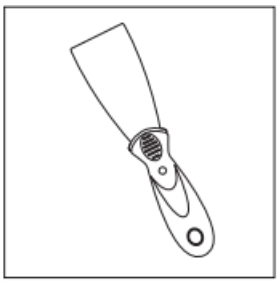
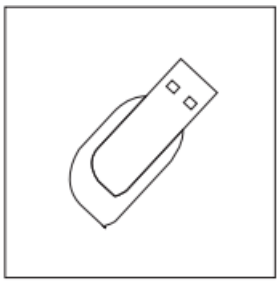
1. Touch Screen
2. USB Stick Input
3. Touch Screen Buttom
4. Right Extruder
5. Left Extruder
6. Anti-oozing Plate
7. Waste Box
8. Build Plate
9. Leveling Nut
10. Filament Cartridge Cover
11. Cartridge Cover Handle
12. Nozzle
13. Turbofan Baffle
14. Network Input

15. Power Switch
16. Power Input

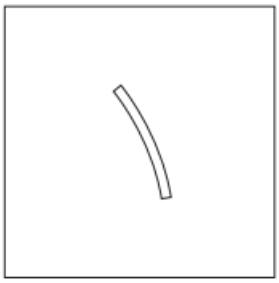
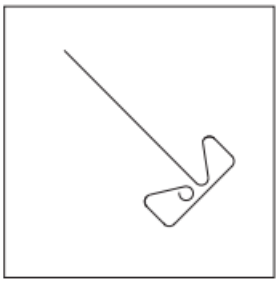
Kit Contents

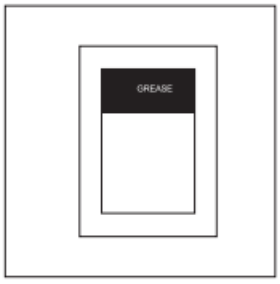

- 3D Printer
- Filament Spool
- Quick Start Guide
- After-sales Service

- Waste Box
- Power Cable
- Metal Scraper
- USB Stick


- Screwdriver
- PTFE Tube
- Unclogging Pin Tool
- Wrench
- Allen Wrench

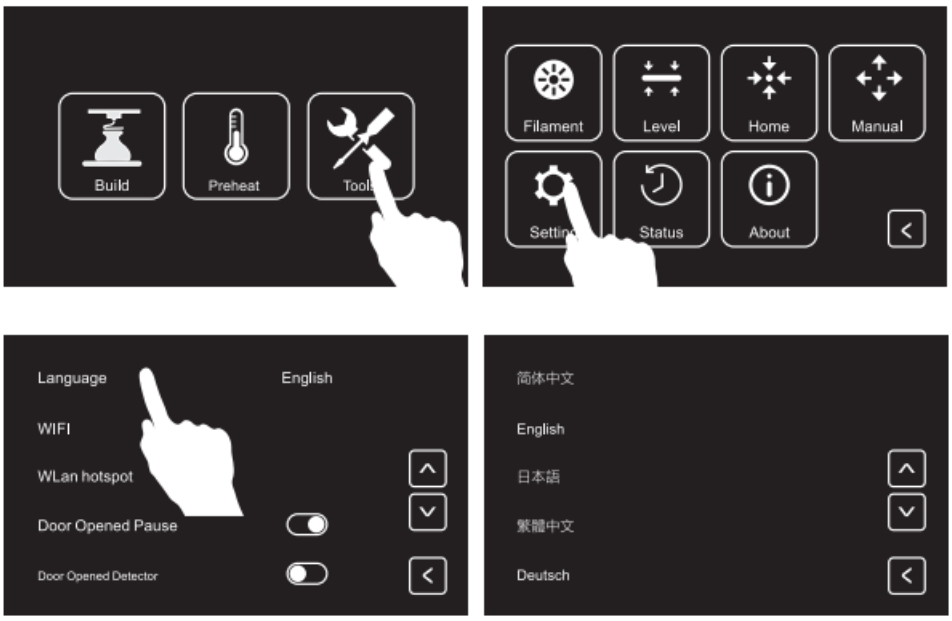



- Grease

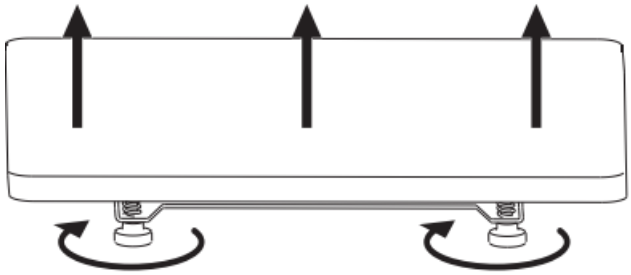
- Solic Glue

Leveling Build Platform

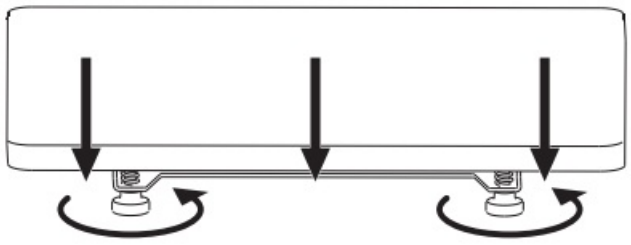
How to change the language



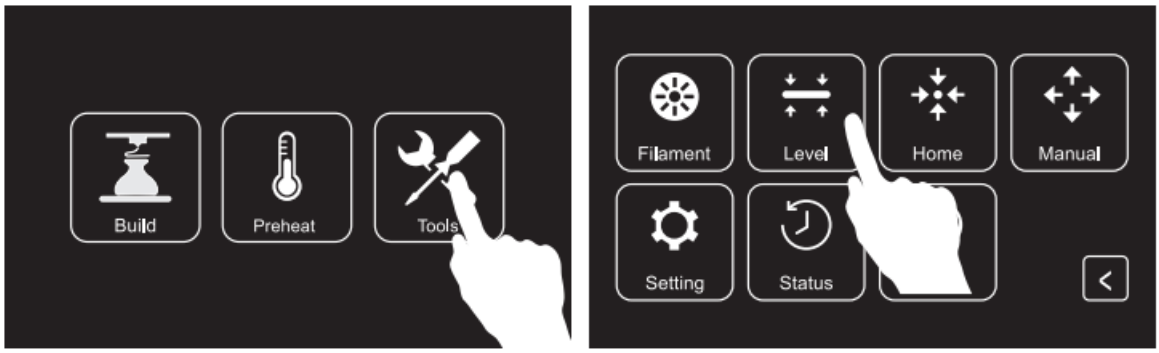
How to use the leveling nuts



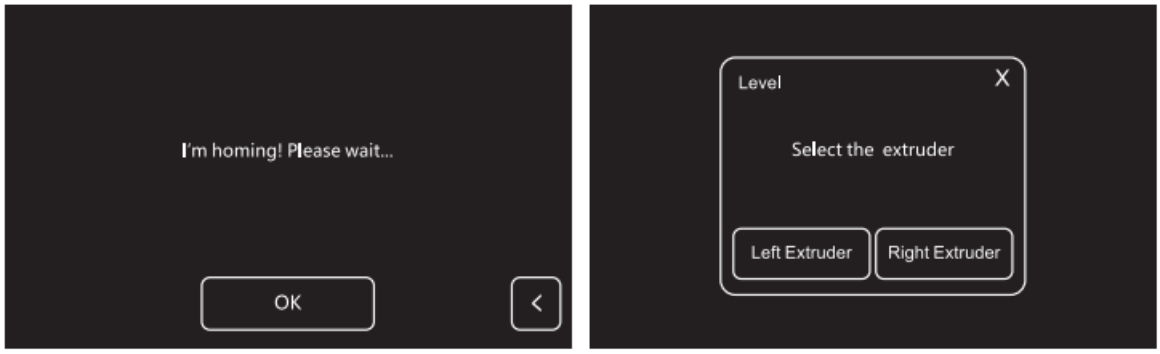
Rotate the nut clockwise
Raise the build plate to reduce the distance between the nozzle and build plate.



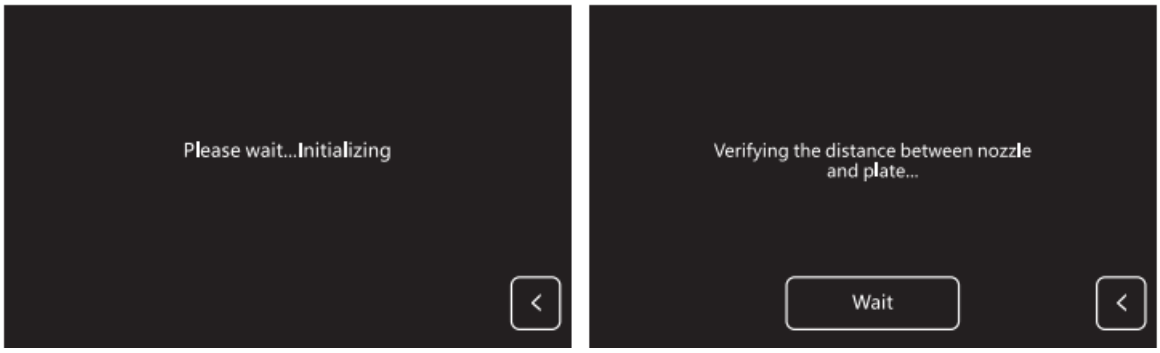
Rotate the nut anticlockwise
Lower the build plate to increase the distance between the nozzle and build plate.



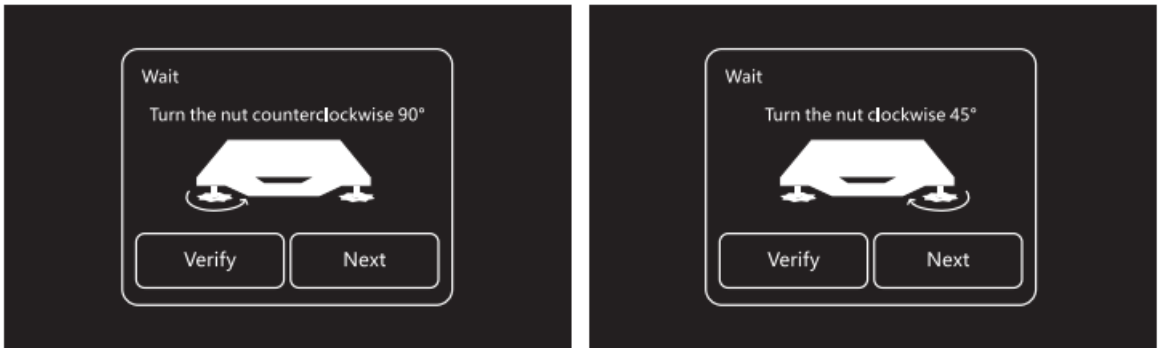
1. Tap[Tools], tap[Leveljto level the build plate.



2. Wait for the extruder and the build plate moving, after moving is completed, choose to use which extruder to level the build plate: left or right.



3. After leveling extruder is confirmed, extruder will move to the first point to verify the distance between nozzle and build plate. If verify completed, extruder will move to the second point to verify the distance.

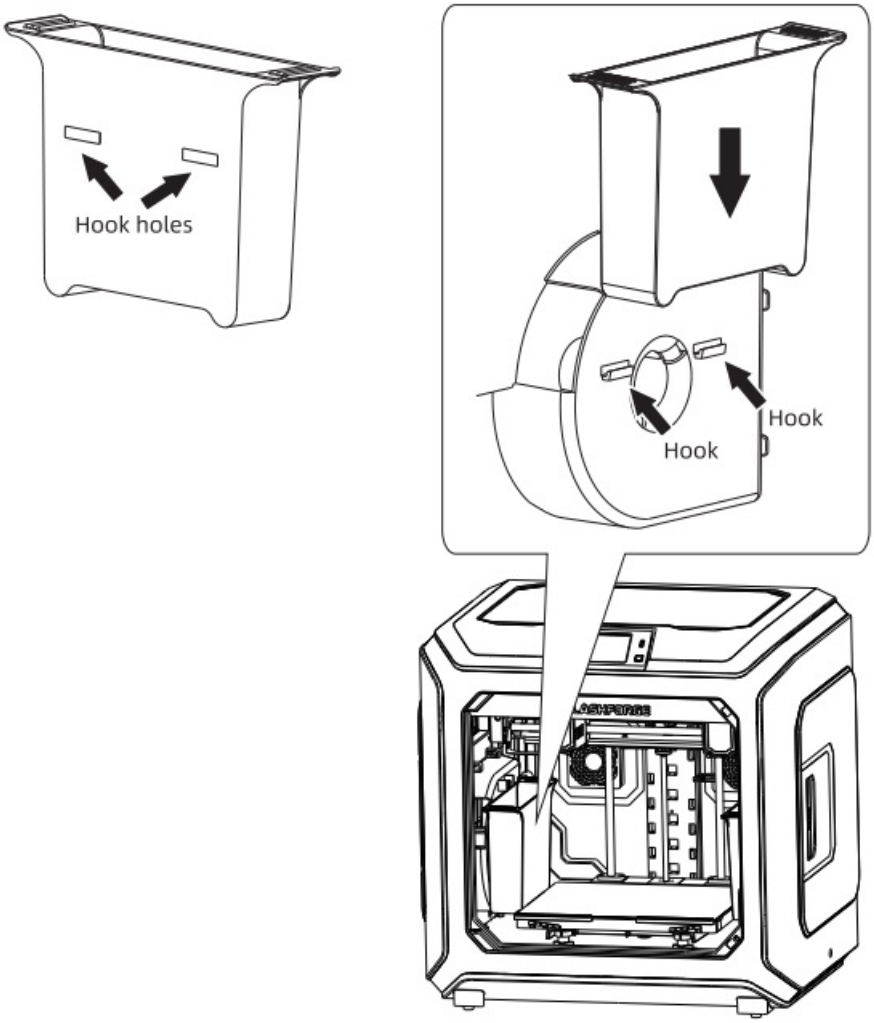


4. If the distance is not appropriate, please follow the prompts to adjust again till you see [OK] button. Repeat steps 4 to level the second and third points. Then tap [Finish] to exit.

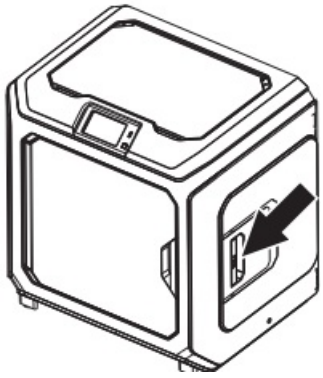
Hardware Assembly

Install Waste box

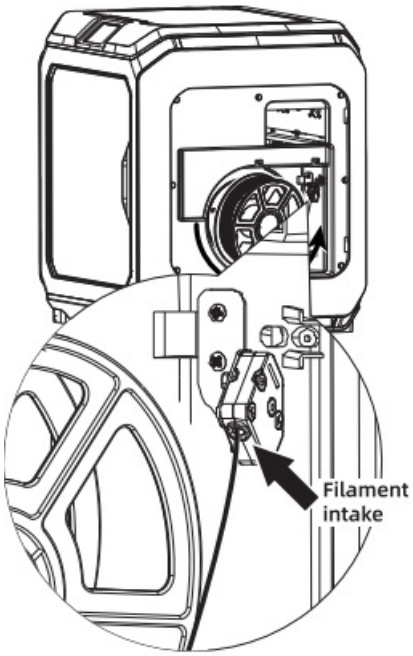
Take out waste box, hang it on the hookbeside build plate. (One waste box on each side)



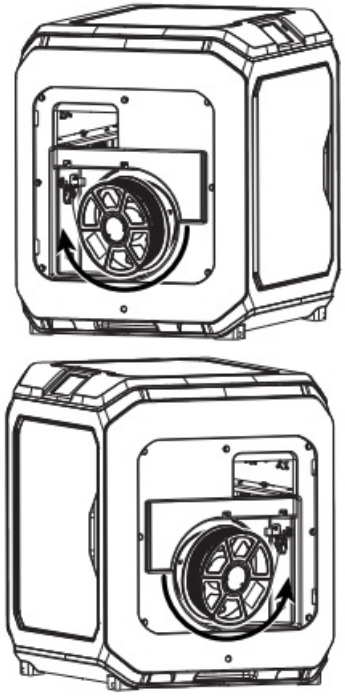
Install Filament



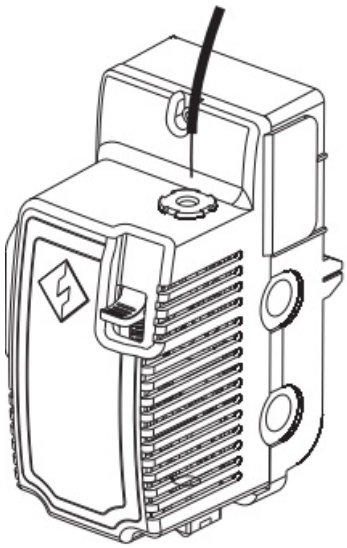
1. Open the filament cover.



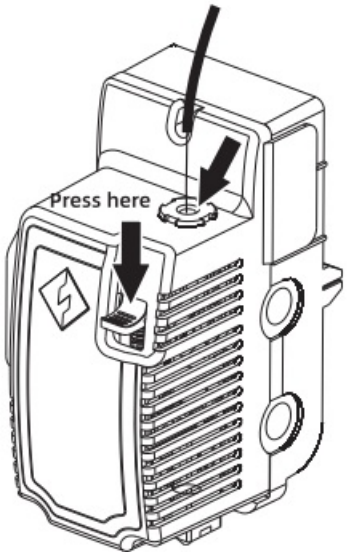
2. Insert the filament into filament intake.



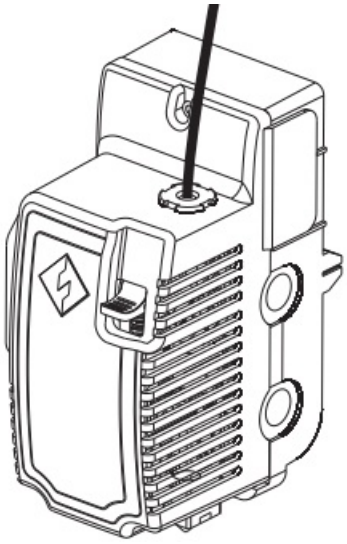
3. Notice: For filament convenient rotation, please install filament follow the direction shown in the picture.



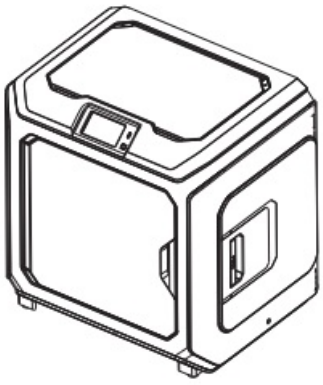
4. Insert filament ito filament intake continuously until filament goes through filament guide tube.,



5. Press the spring presser, put filament vertically into the left filament intake to the bottom.

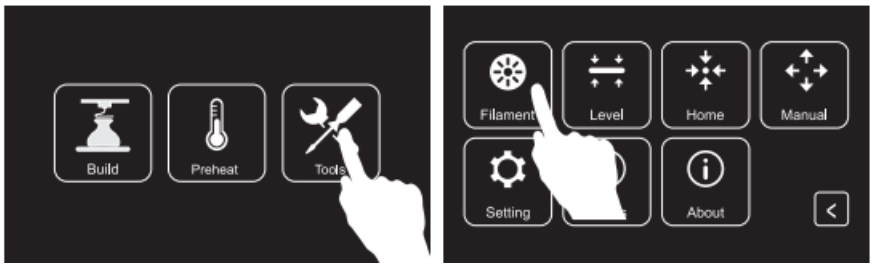


6. Insert filament guidetube into filament intake to fix.

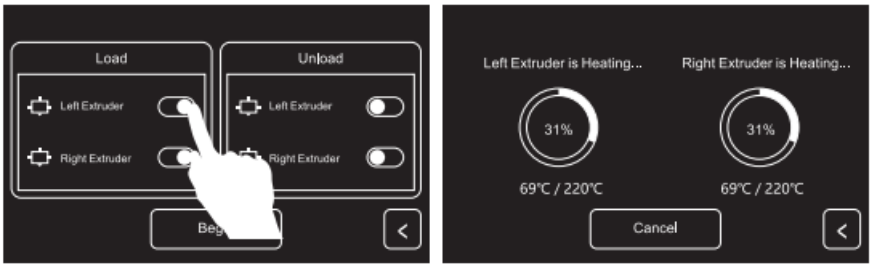


7. Put the spool of filament on the spool holder, close the filament cover.

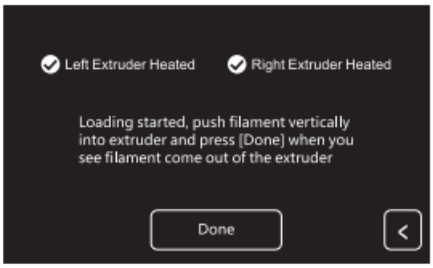
Load Filament



1. Tap[Tools], and [Filament] to enter the filament interface.



2. Flip the switch after the corresponding extruder to load the corresponding extruder.
3. Tap[Begin], the extruder will start heating.

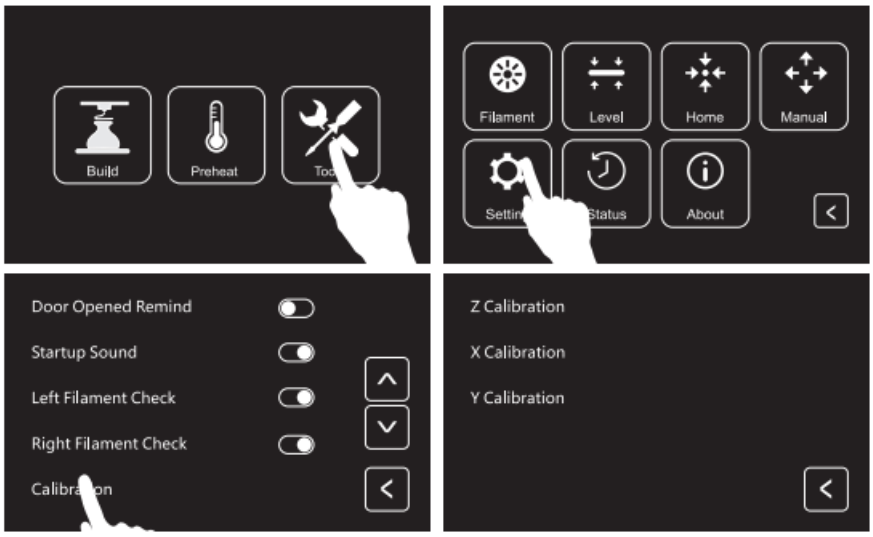


4. Once heated, the filament will be drawn through the extruder. Continue extruding until the extruder provides a steady flow of filament. Tap [Done], go back. Tap leftwards arrow too go back to the home screen.

Attention: If extruder can not unload in a long time, please check if you have inserted filament into the bottom of the extruder.

Calibration

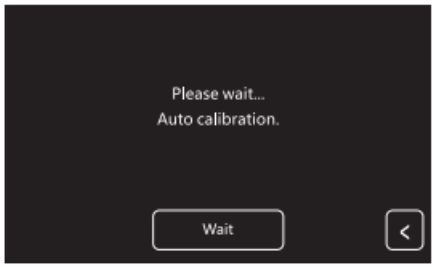
Please operate under the guidance of customer service for the first calibration.



Tap [Tools], tap (Setting], tap [calibration] in setting page.

Z Calibration

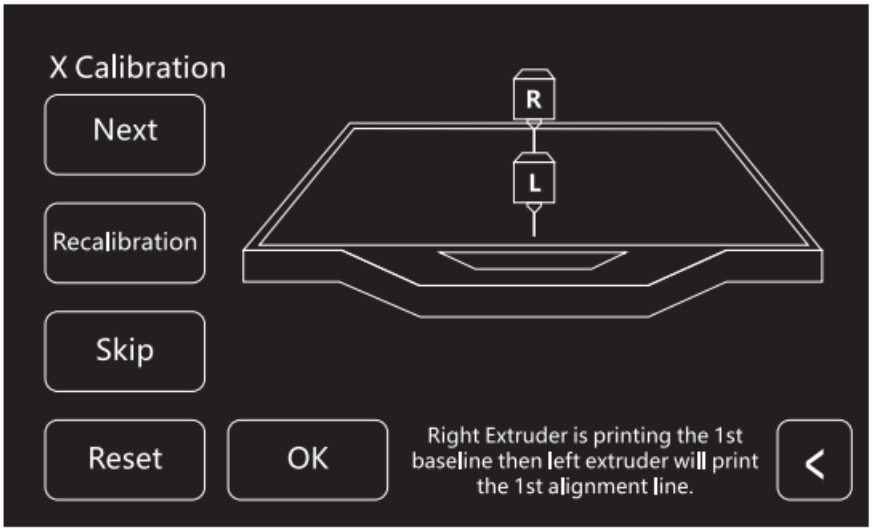
Please level before Z-axis calibration. Please refer to the 06 page for leveling.



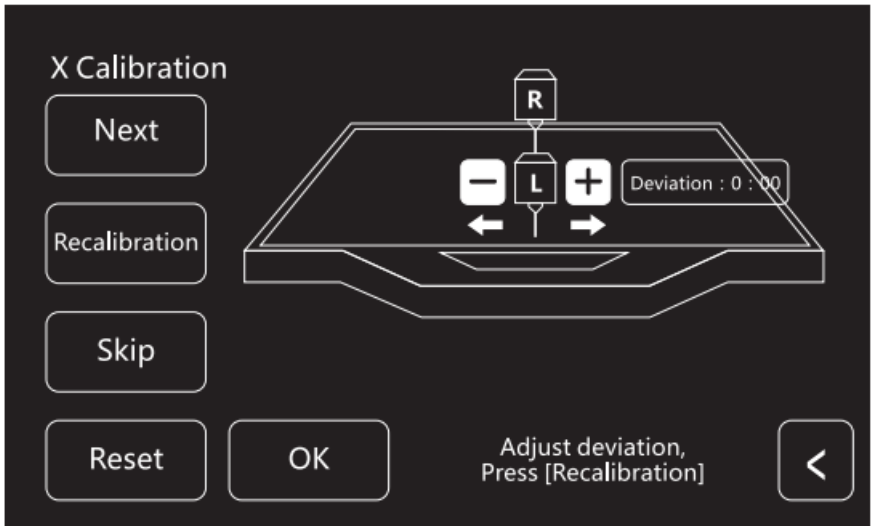
1. Tap Z-axis calibration] and wait for Z-axis calibration of extruder and build plate. Do not interrupt during the calibration process.

X Calibration

Check if the lines printed by 2 extruders aligned on X-axis to judge if the extruders on the same X-axis.



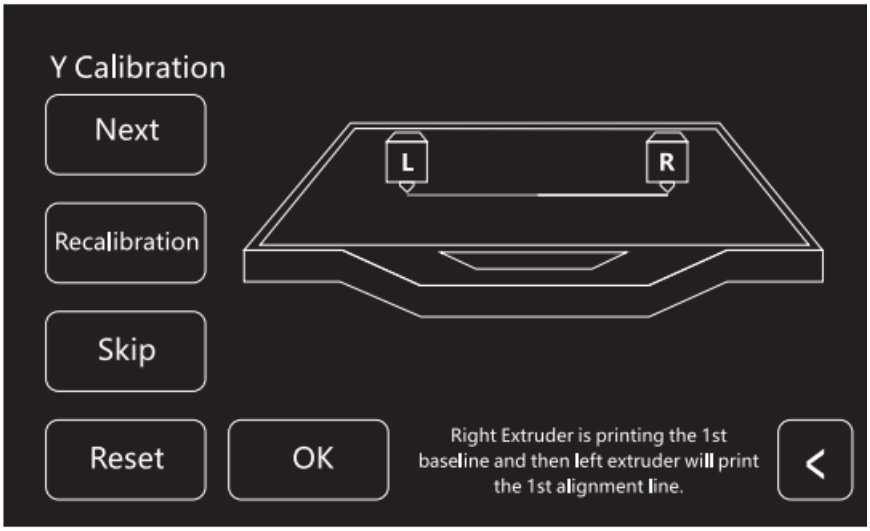
1. Tap X-axis calibration] and wait for extruders heating up. After heating up till target temperature, 2 lines will be printed in sequence. Check if the 2 lines are aligned after printing. Meanwhile, the pop-up window will appear.



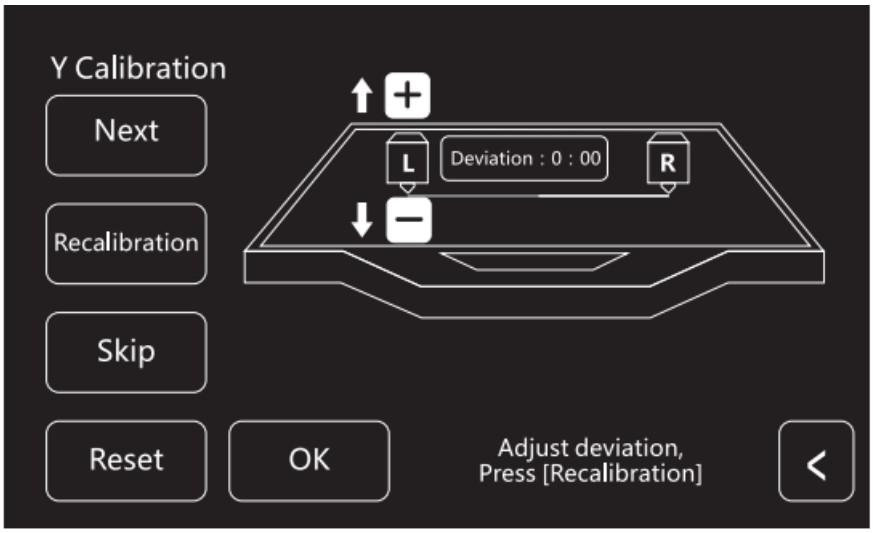
2. If the 2 lines are totaly aligned, Tap [Yes], X-axis calibration is done. If the 2 lines are not totally aligned, Tap [No]. Adjust position of extruders according to actual situation. After that, clean the filament on build plate and Tap [Recalibration]. Repeat step 2 till the 2 lines are totally aligned.

Y Calibration

Check if the lines printed by 2 extruders aligned on Y-axis to judge if the extruders on the same Y-axis.

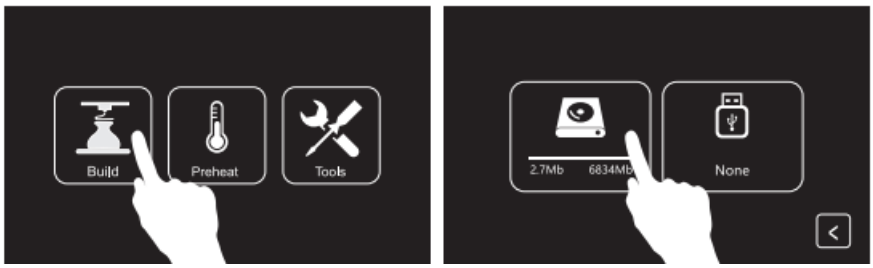


1. Tap [Y-axis calibration] and wait for extruders heating up. After heating up till target temperature, 2 lines will be printed in sequence. Check if the 2 lines are aligned after printing. Meanwhile, the pop-up window will appear.

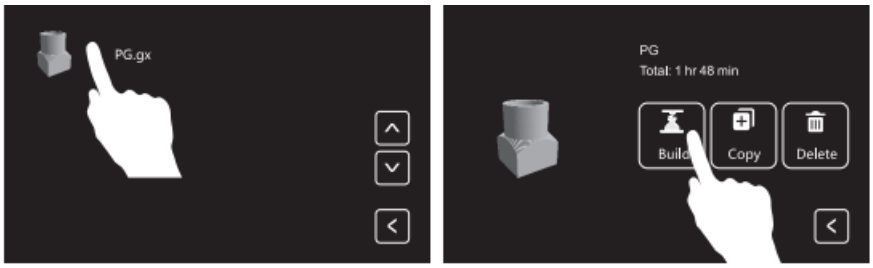


2. If the 2 lines are totally aligned, Tap [Yes], Y-axis calibration is done. If the 2 lines are not totally aligned, Tap [No]. Adjust position of extruders according to actual situation. After that, clean the filament on build plate and Tap [Recalibration]. Repeat step 2 till the 2 lines are totally aligned.

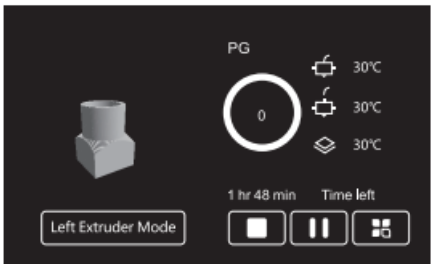
First Print



1. Tap Build].
2. Tap [Local memory] to choose print files.



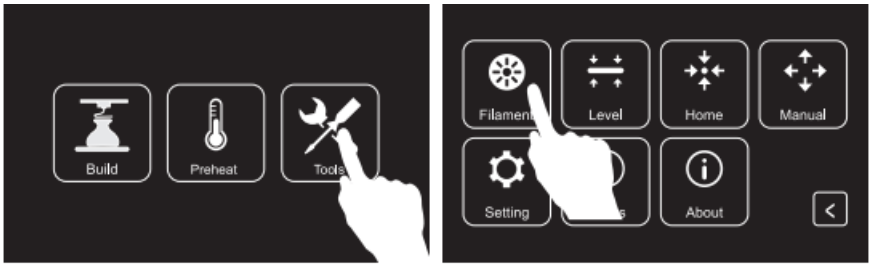
3. Choose the preset print file [PG.gx].
4. Tap [Build].



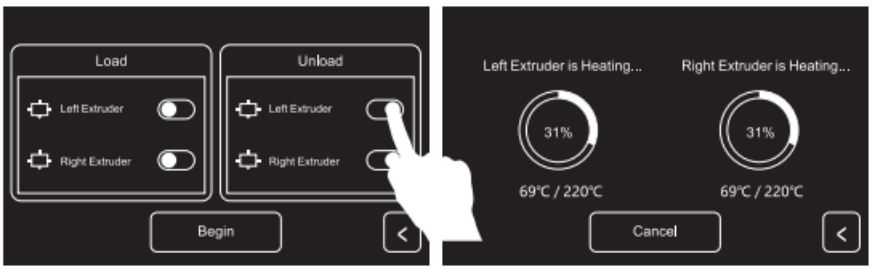
5. The printer starts to heat up and will start printing after heating completed.

Unload Filament

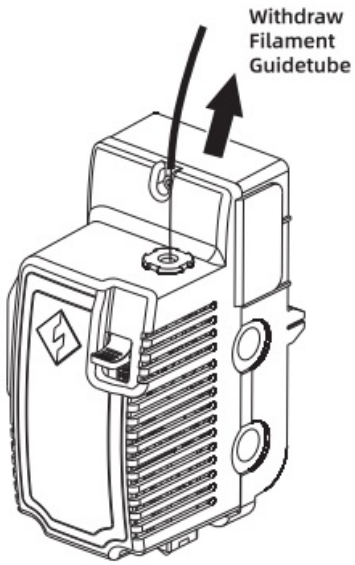
Please follow steps below if you need to unload filament in daily use.



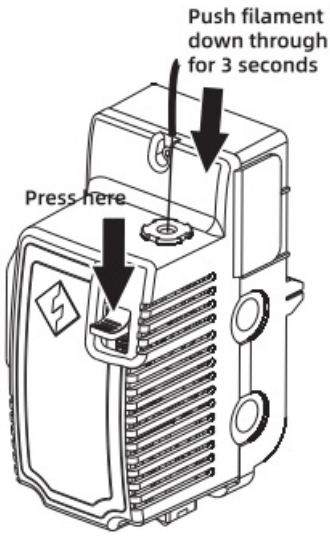
1. Tap[Tools], [Filament] to enter the filament interface.



2. Tap the unload switch after corresponding extruder to unload corresponding extruder.



3. Tap[Begin], the extruder will start heating. The printer will start unloading filament after heating completed.



4. Pull filament guide tube out of filament intake, leave filament 10cm to pull filament easily.
5. Press spring presser and push filament down through for 3 seconds, then pull out vertically quickly.

Scan QR to Get More After-Sales Support

Zhejiang Flashforge 3D Technology Co., Ltd.

support@ff3dp.com

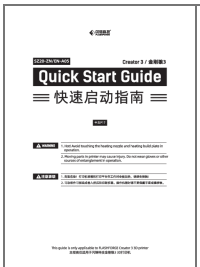
After-Sales Service: support@ff3dp.com.

YouTube

Tell:+86 579 82273989 Web: www.flashforge.com

Add: 2/F, No.518, Xianyuan Road, Jinhua, Zhejiang, China

Documents / Resources


Quick Start Guide
快速启动指南

FLASHFORGE Creator 3 FDM 3D Printer [pdf] User Guide
Creator 3 FDM 3D Printer, Creator 3, FDM 3D Printer, 3D Printer, Printer, FDM Printer