FLASHFORGE 3D PRINTER

Quick Start Guide

INVENTOR II

SZ15-EN-A02

⚠ WARNING

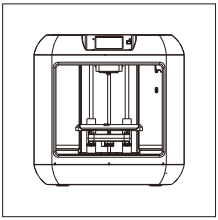
1. Hot! Avoid touching the heating nozzle in operation.
2. Moving parts in printer may cause injury. Do not wear gloves or other sources of entanglement in operation.

USER GUIDE

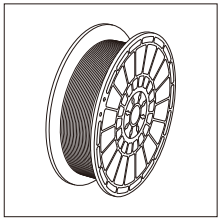
The User Guide is in the USB stick.

This guide is only applicable to FLASHFORGE Inventor II 3D printer

Kit Contents



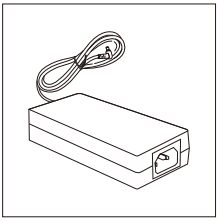
3D Printer



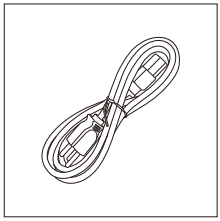
Filament Spool

Quick Start Guide

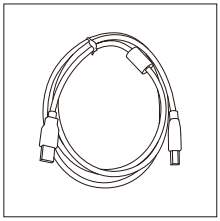
After-sales Service Card



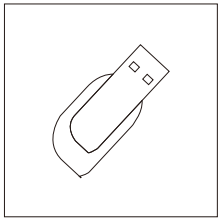
Power Adapter



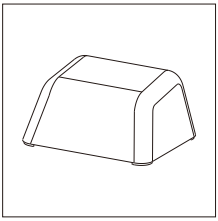
Power Cable



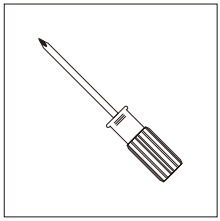
USB Cable



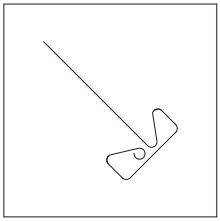
USB Stick



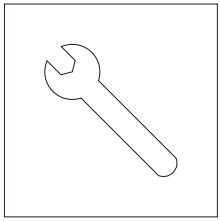
Lid



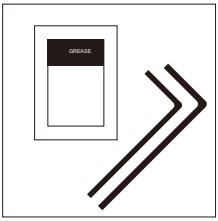
Screwdriver



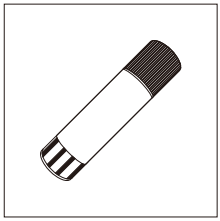
Unclogging Pin Tool



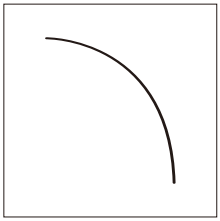
Wrench



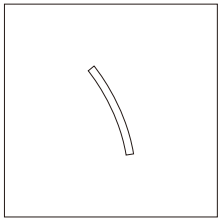
Allen Wrench / Grease



Solid Glue

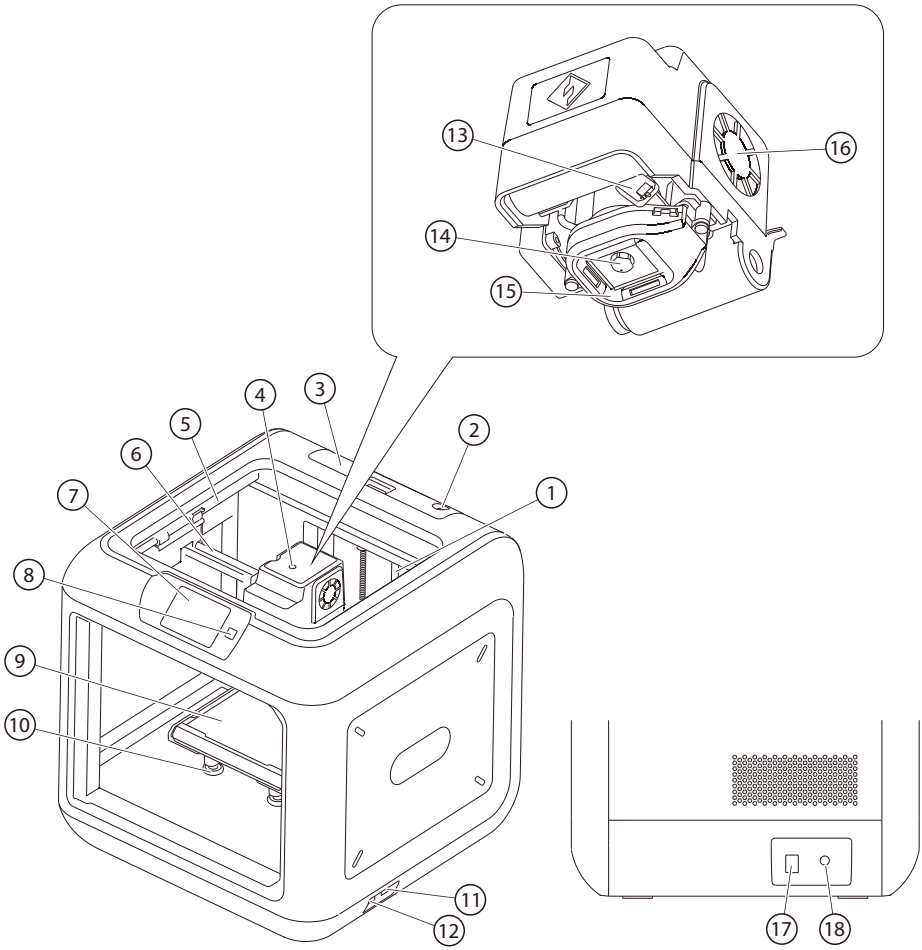


Filament Guide Tube



PTFE Tube

Getting to Know Your Inventor II



1. Z-Axis Guide Rod
2. Filament Outlet
3. Filament Cartridge
4. Filament Inlet
5. Y-Axis Guide Rod
6. X-Axis Guide Rod
7. Touch Screen
8. Touch Screen Button
9. Build Plate
10. Leveling Knob
11. USB Cable Input
12. USB Stick Input
13. Servo
14. Nozzle
15. Turbo Fan Baffle
16. Turbo Fan
17. Power Switch
18. Power Input

Unpacking

1. Take out the packaging box, which contains a Quick Start Guide, a After-sales Service Card, a power adapter, a power cable, a solid glue, a filament guide tube, a tool bag, including an USB stick.

2. Check filament inside the box.

3. Remove all protective foams.

4. Remove the tape on the side.

5. Turn over the Inventor II to remove the tape in the bottom and all packing bag.

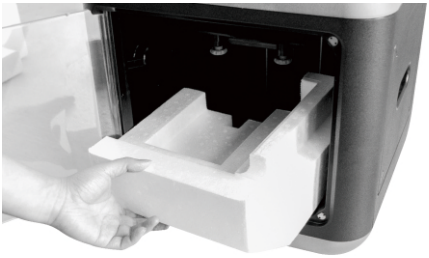
6. Remove the top foam piece.

7. Use scissors to cut the buckles that hold the rods in the place.

8. Open the door and take out the lid.

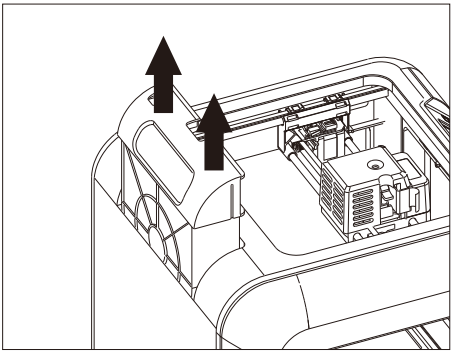
9. Remove the foam on the bottom left.

10. Hold the platform and elevate platform smoothly.

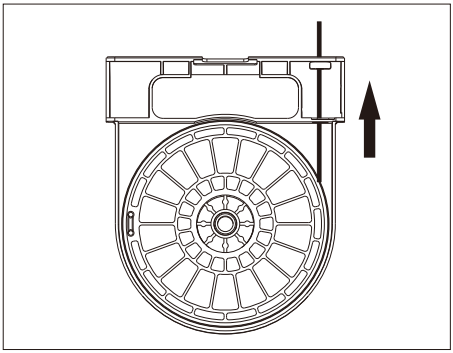


11. Remove the foam at the bottom of printer.

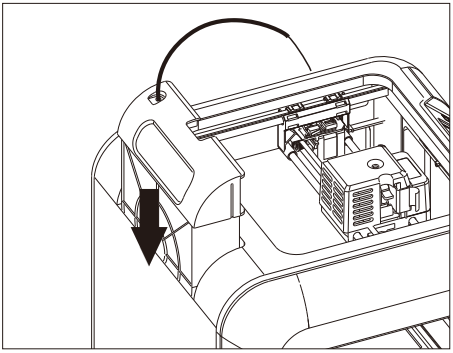
12. Congratulations! You've unpacked your printer. (Tip: Save packaging for future transportation and storage)



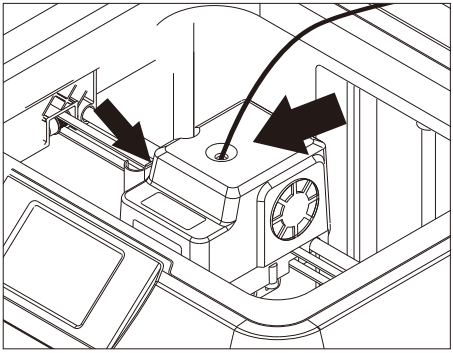
1. Lift the filament cartridge out from the rear of Inventor II, where you will place the filament spool.



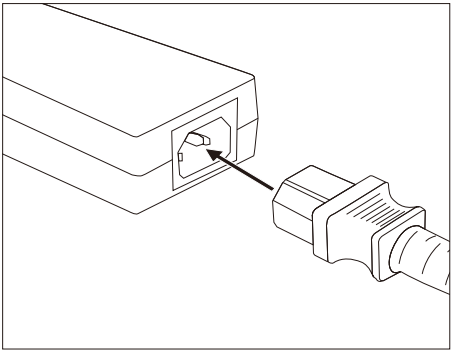
2. Insert the filament into the guide tube and thread the guide tube through the filament outlet. Place the spool of filament in the cartridge.

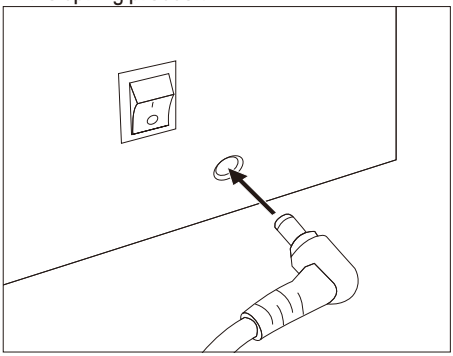


3. Put the filament cartridge back.



4. Press the spring presser, and insert the filament into the filament intake. Then release the spring presser.

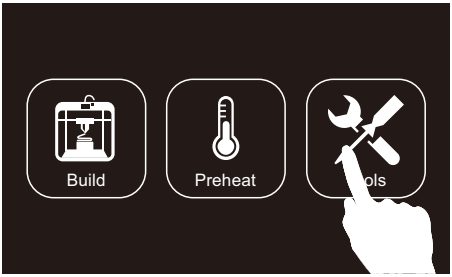


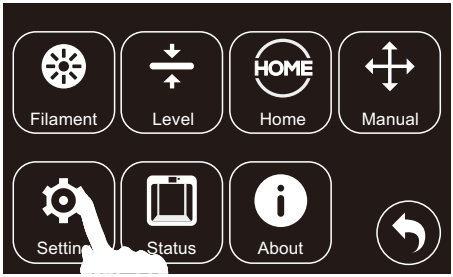


5. Connect power adapter with the power cable and then insert the power supply into the power input on the back of the finder. Turn on the power switch and press the touch screen button to turn on the printer.

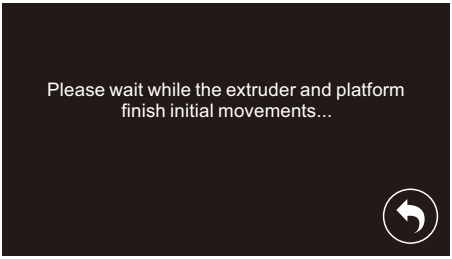
Leveling Build Platform

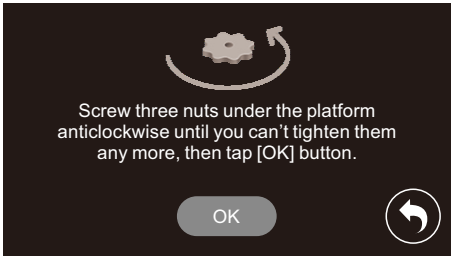
How to change language



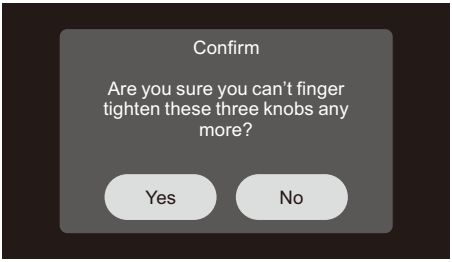


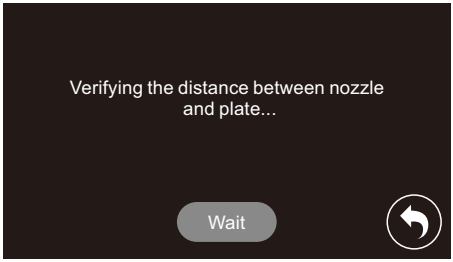
Build Plate Leveling



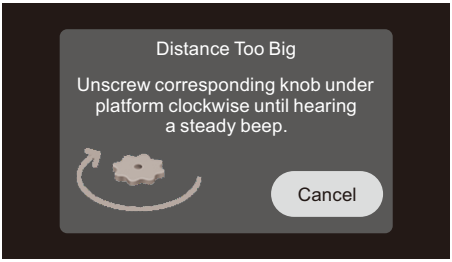


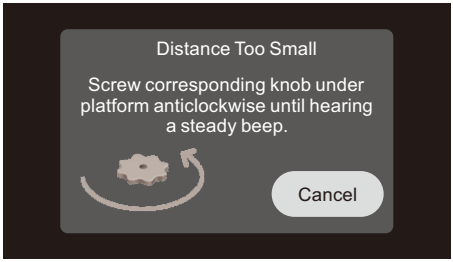
1. Tap [Tools] - [Level] on touch screen. Please wait while the extruder and platform finish initial movements. Screw three knobs under the platform anticlockwise until you can't tighten them any more, then tap [OK] button.



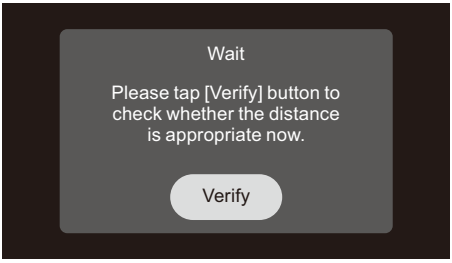


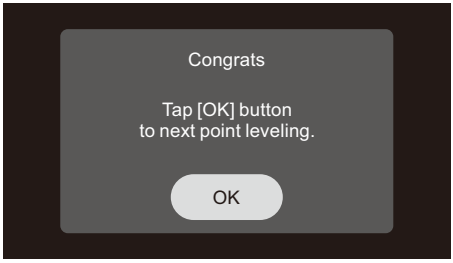
2. Tap [Yes] if you can't tighten all the nuts any more, or tap [No] to continue tightening. After tapping [Yes] button, the extruder will move towards the first point and the plate will move up and down to verify the distance between nozzle and plate.





3. If the distance between the nozzle and plate is too large, rotate the knob underneath the platform clockwise until you hear a steady beep. If the distance is too small, rotate the knob anticlockwise until you hear a steady beep.

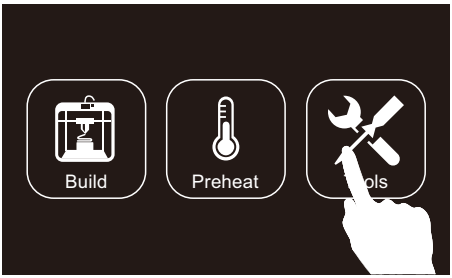


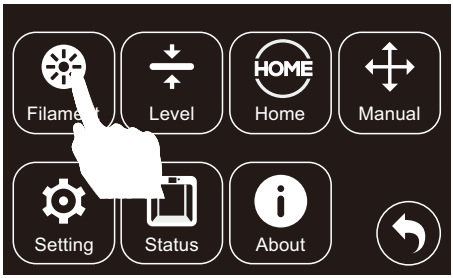


4. Then tap the [Verify] button to check whether the distance is appropriate this time. If the distance is appropriate now, tap [OK] to the second leveling point. If still not, please follow the prompts to adjust again till you see [OK] button.

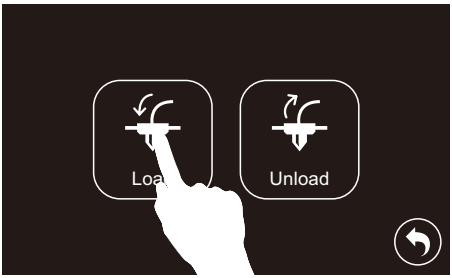
Repeat steps 3 and 4 to level the second and third points. Then tap [Finish] to exit.

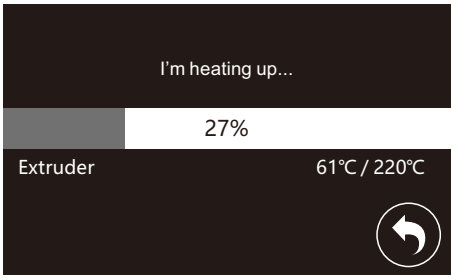
Loading / Changing Filament





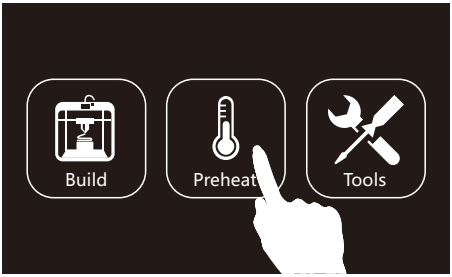
1. Tap [Tools] and then tap [Filament].

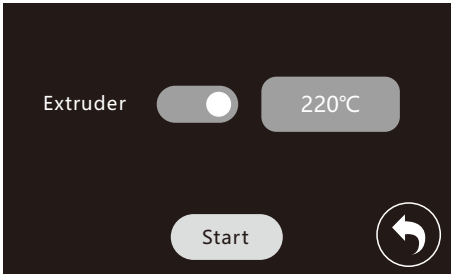




2. Tap [Load]. The extruder will automatically heat up. Once heated, filament will be drawn through the extruder. Continue extruding until the extruder provides a steady flow of filament.

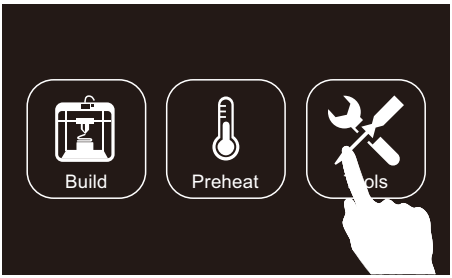
Changing Filament Do not pull out the filament with force as it will damage the gears. If the melted filament has cooled down in the extruder, repeat the following steps below.

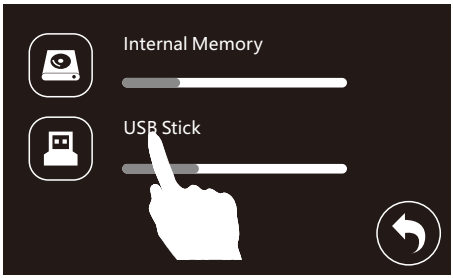




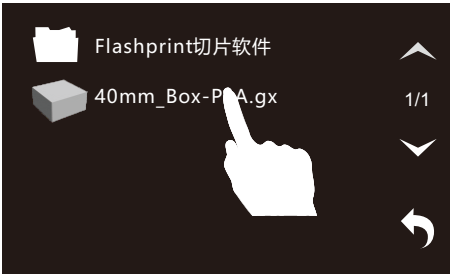
1. Tap [Preheat]--[Start] to the heat up the extruder.
2. Once preheated, hold down the spring presser and pull out the filament.
3. Tap the return button, insert the new filament into the filament intake, tap [Tools]-[Filament]-[Load]. The filament will be drawn through the extruder once heated. Wait for the extruder to provide a steady flow of filament.

First Print



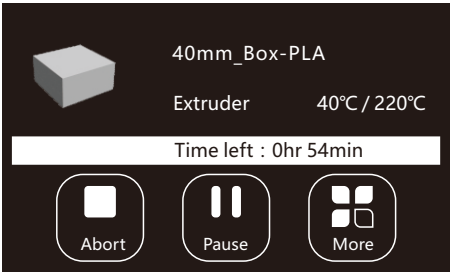


1. Please insert the USB stick into Inventor II. In the print interface, tap [Build]-[USB Stick].



2. Select [40mm_Box-PLA.gx].

3. Tap [Build].



4. Once heated, the printer will start printing automatically.

YouTube

Scan QR to Get More After-Sales Support

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FLASHFORGE CORPORATION

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