

# To be the Chief Evangelist

## CR-X 3D Printer

# Guide Book

To make Top-quality 3D printer

- ◆ This guidebook is for standard CR-X.
- ◆ Because of software or hardware upgrades and model differences, new revisions may not be listed in this guide.
- ◆ Detailed instructions for use are available on the SD card.



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# Preface

**Dear consumers,**

Thank you for choosing our products. For the best experience, please read the instructions before operating the Printer. Our 3D team will always be ready to give you the best service. Please contact us via the phone number or e-mail address provided at the end when you encounter any problem with the Printer.

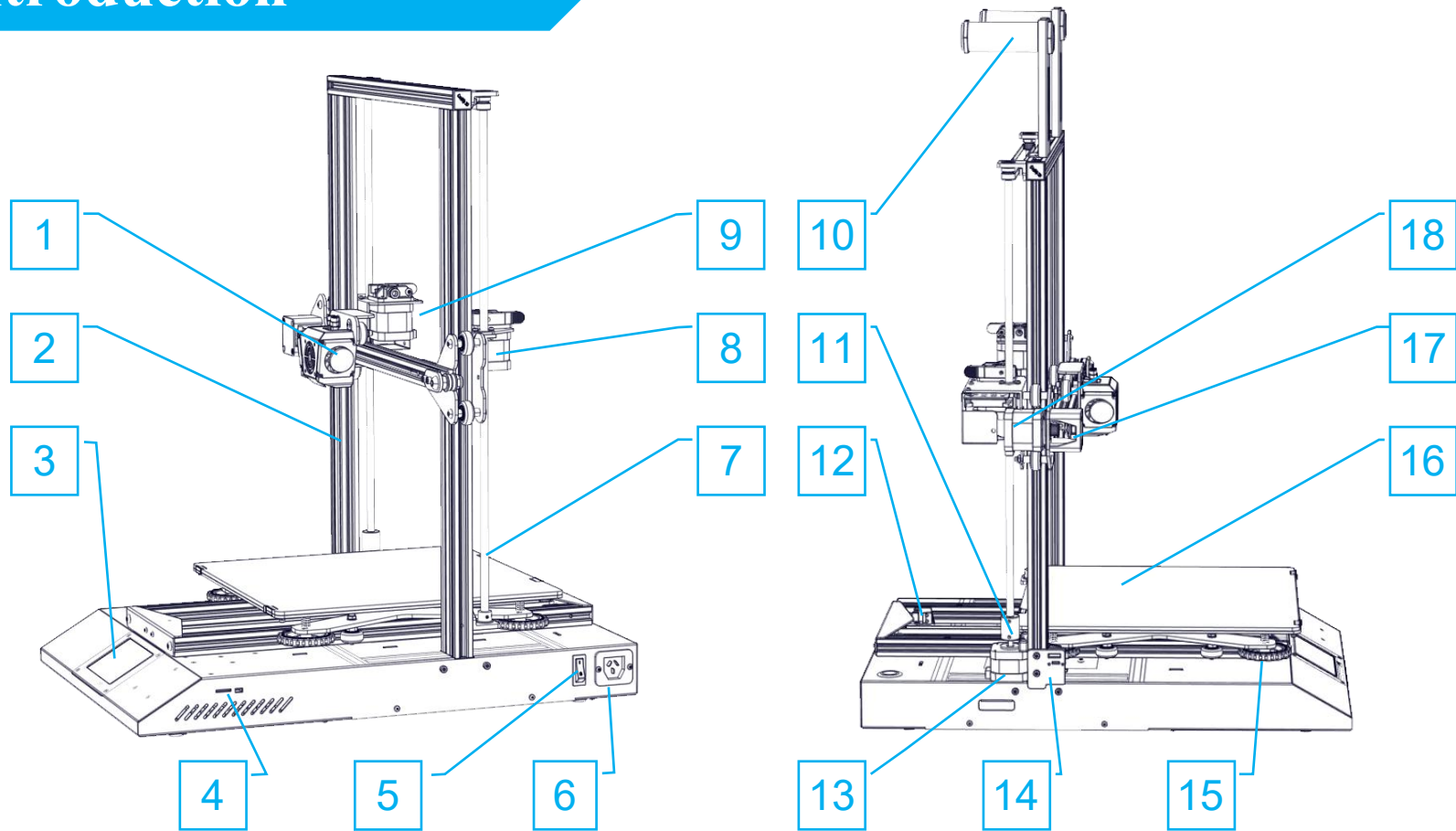
For a better experience in using our product, you may learn how to use the Printer in the following ways:

1. View the accompanied instructions and videos on the SD card.
2. Visit our official website at [www.creality3d.cn](http://www.creality3d.cn). You will find relevant software/hardware information, contact details and operation and maintenance instructions on the website.

# Notes

1. Do not use the Printer in any other way not described herein in order to avoid personal injury or property damage.
2. Do not place the Printer near flammables, explosives or heat sources. It is best to place it in a well-ventilated, low-dust environment.
3. Do not expose the Printer to violent vibration or any unstable environment, because this will cause poor print quality.
4. The filaments recommended by the manufacturer are preferred as to avoid clogging in the extrusion head or Printer damage.
5. Do not use any other power cable except the one supplied. Use a grounded three-prong power outlet.
6. Do not touch the nozzle or hot bed during printing. Keep hands away from machine while in use to avoid burns or personal injury.
7. Do not wear gloves or loose clothing when operating the Printer. Preventing the movable parts from being involved in the squeeze or cutting injury to human body or printer damage.
8. Clean off filament from the nozzle tip with the provided pliers before the nozzle cools. Do not touch the nozzle directly. This can cause personal injury.
9. Clean the Printer frequently. Usually clean it while power-off, clean the body of the machine with a dry cloth to remove dust, adhered printing materials and other material of the guide rails. Use glass cleaner or isopropyl Alcohol to clean the print surface before every print for consistent results.
10. Children under 10 years of age should not use the Printer without supervision.

# 1. Introduction



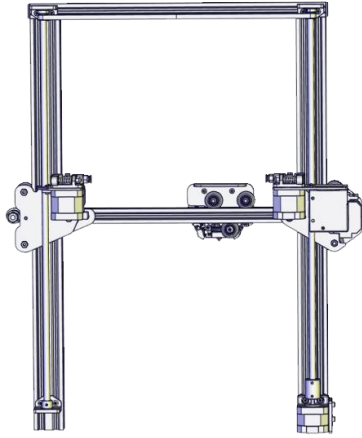
- 1. Nozzle Kit
- 2. Gantry Frame
- 3. Touch Screen
- 4. SD Slot & USB Port
- 5. Power Switch

- 6. Power socket
- 7. Right T Screw
- 8. Extruder 2 (E2)
- 9. Extruder 1 (E1)

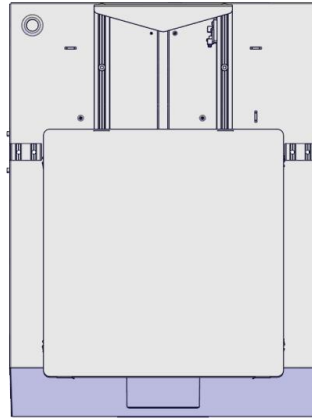
- 10. Rack (Holder)
- 11. Couple
- 12. Y Limit switch
- 13. Z Motor Stepper

- 14. Z Limit Switch
- 15. Larger hand twist nut
- 16. Platform
- 17. X Limit switch
- 18. X Stepper

## 2.General List



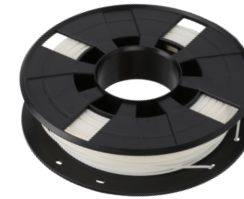
**Gantry Frame**



**Base Frame**



**Tool Box**



**Filament  
1kgX2**

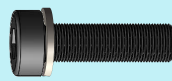
◆ **List**

No.	Image	Name	Qty
1		Wrench & Screw driver	1
2		SD Card & Reader	1
3		blade	1
4		Diagonal Pliers	1
5		Nozzle Cleaner	1

No.	Image	Name	Qty
6		Rack Bracket	2
7		Rack tube	2
8		Rack tube Nuts	4
9		Power Cable	1
10		USB Cable	1

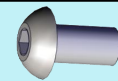
No.	Image	Name	Qty
11		PTFE Tube	2
12		Spare Parts	4
14		M5X25black cup head Bolt and Lock Washer	4
15		M4X8 Screw and M4 T-type screw	2

# 3.Device Installtion



4pcs

M5X25



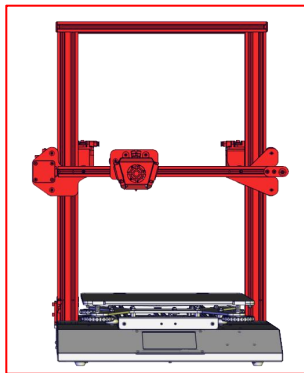
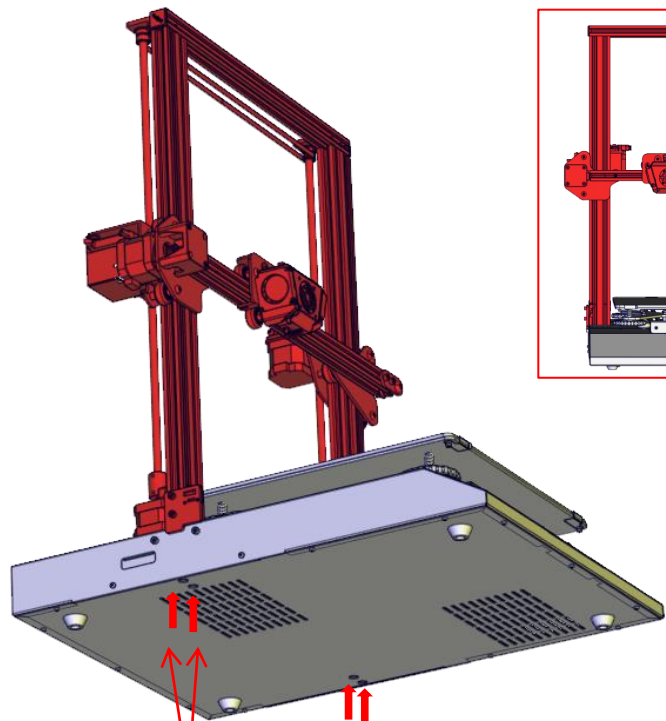
M4X8

4pcs



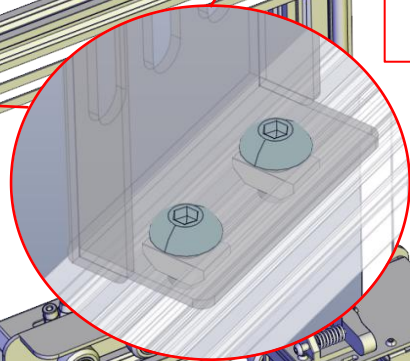
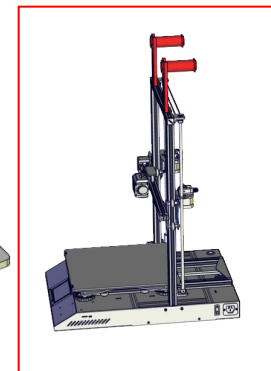
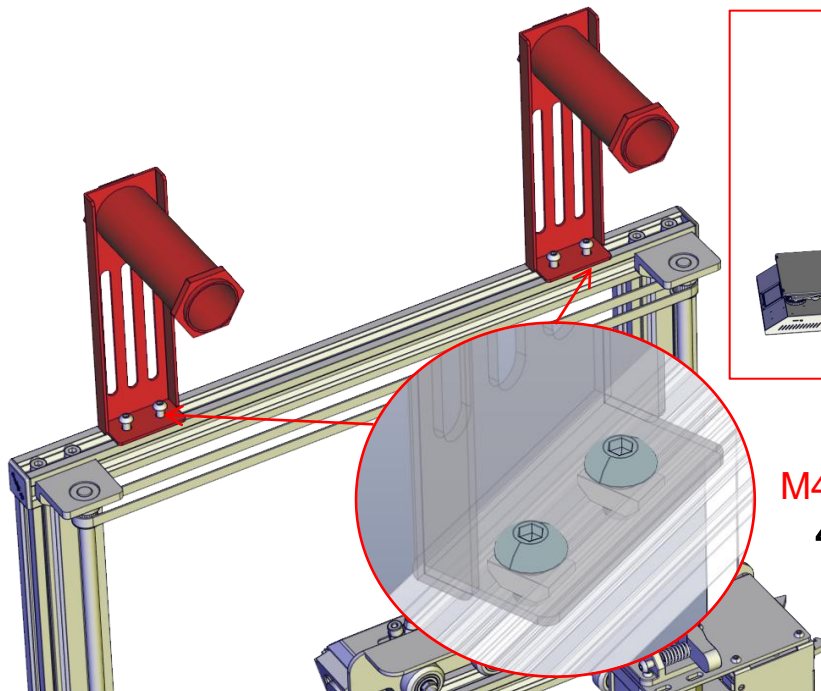
M4 T-nut

## ◆ Install the Gantry Frame

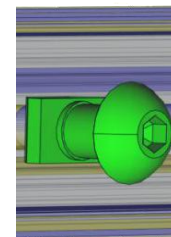
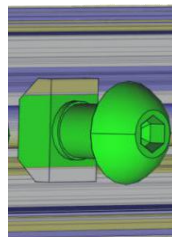


M5X25  
4pcs

## ◆ Install the Rack



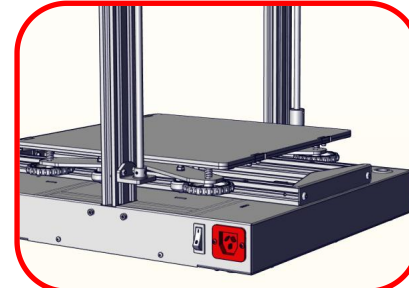
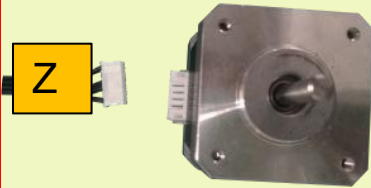
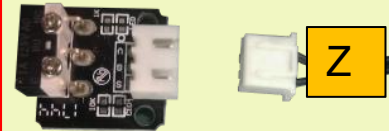
M4X8 & T-nut  
4pcs



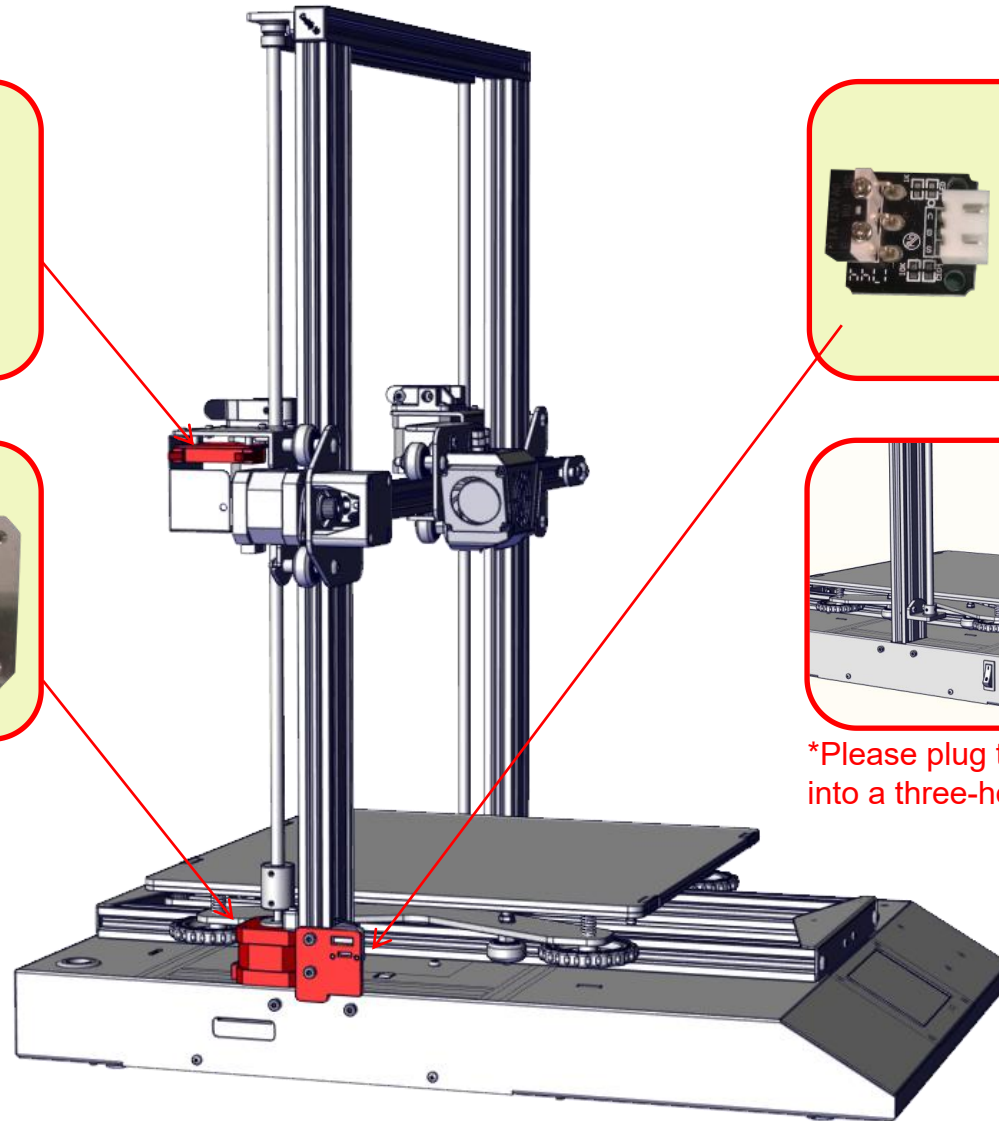
## 4. Cable Connection



Ribbon Cable

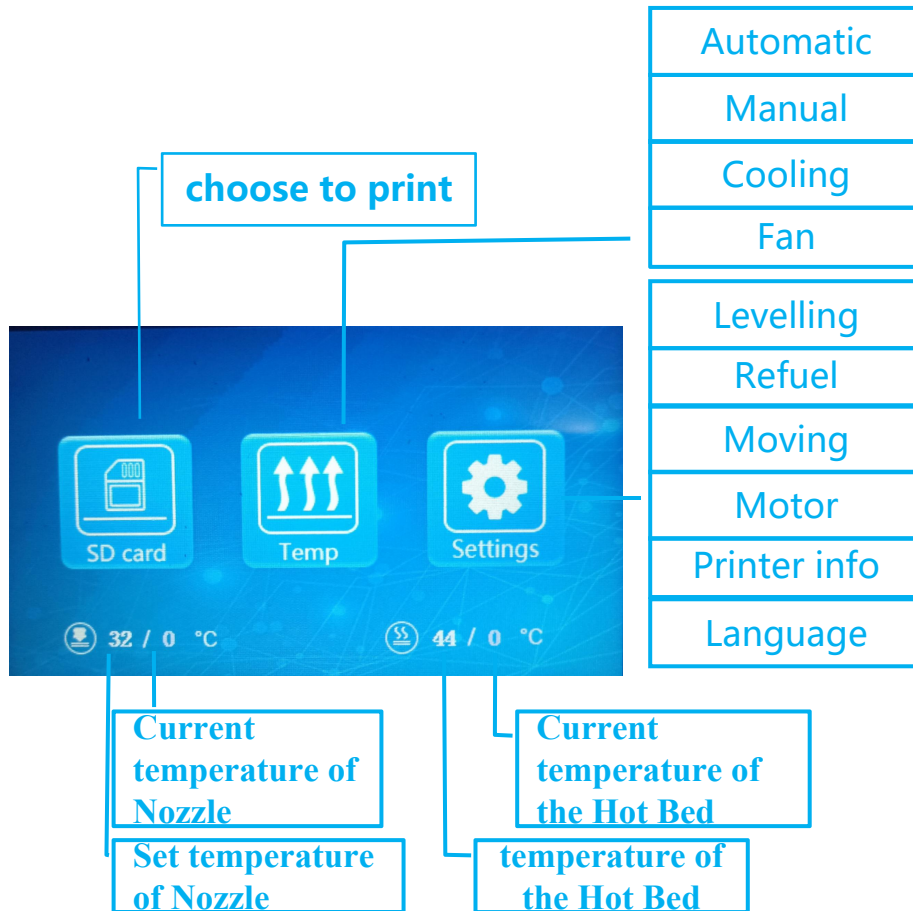


\*Please plug the power cord into a three-hole power jack.





# 5.Screen Information



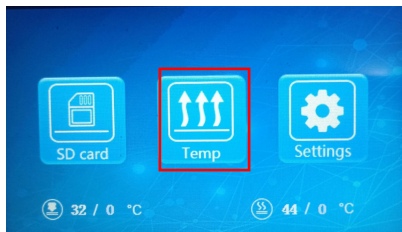
screen info.				
Main Menu	Sub Menu	Explanation		
SD card	Selected file	Stop		
		Pause		
		Printing speed		
		Nozzle temp.		
		Hot-bed preheat		
		fan(off\on)		
Temp	Automatic	PLA\ABS (185°\220°)		
	Manual	Nozzle preheat		
		Hot-bed preheat		
	Cooling	yes\no		
Fan	(off\on)			
setting	Levelling	Please click numbers to assist levelling (①~⑤)		
	Refuel	Withdraw		
		Feed		
	Moving	X-axis	Y-axis	Z-axis
	Motor off	yes\no		
	Language	English\Chinese		
Printer info	Machine type, Firmware version, Printing size, website			



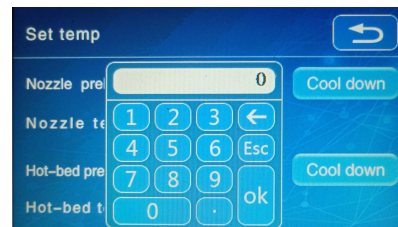
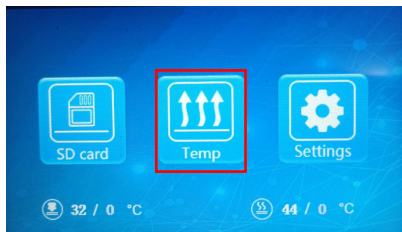
# 6.Loading Filament

## ◆Preheat

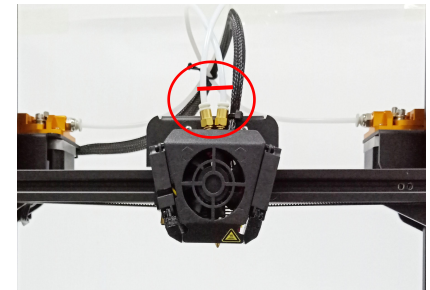
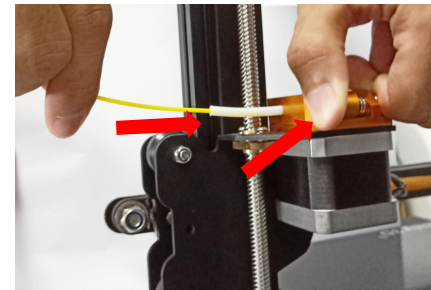
### Method 1



### Method 2



## ◆Feeding



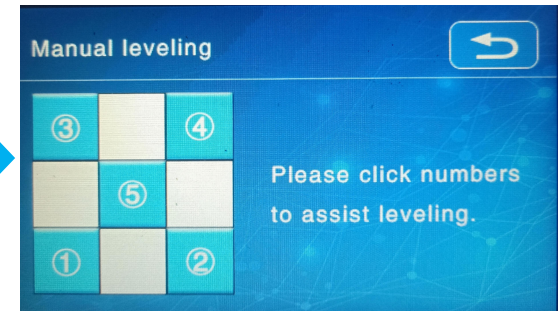
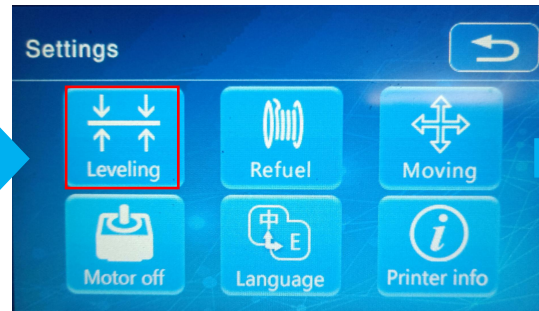
Press and hold the extrusion clip, insert the consumables from the inlet to the position with red line above the small pneumatic connector.

\* Check and ensure that the consumables are on the position with the red line above the small pneumatic fittings before each print to ensure, otherwise, it will can cause plugging during printing.

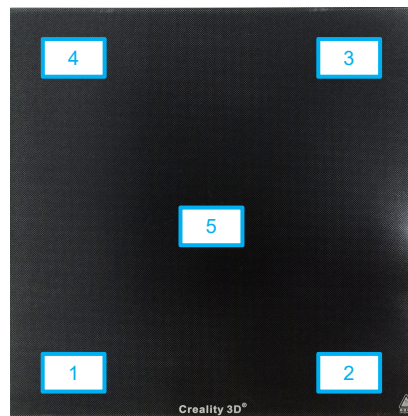
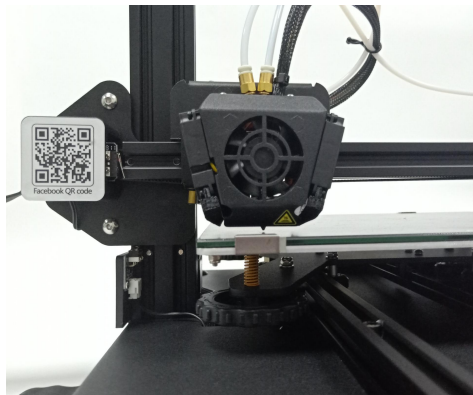
### Q:How to Replace the Filament?

A:After the nozzles are preheated, quickly send the new consumables to the postion with the red line above the small pneumatic fittings.

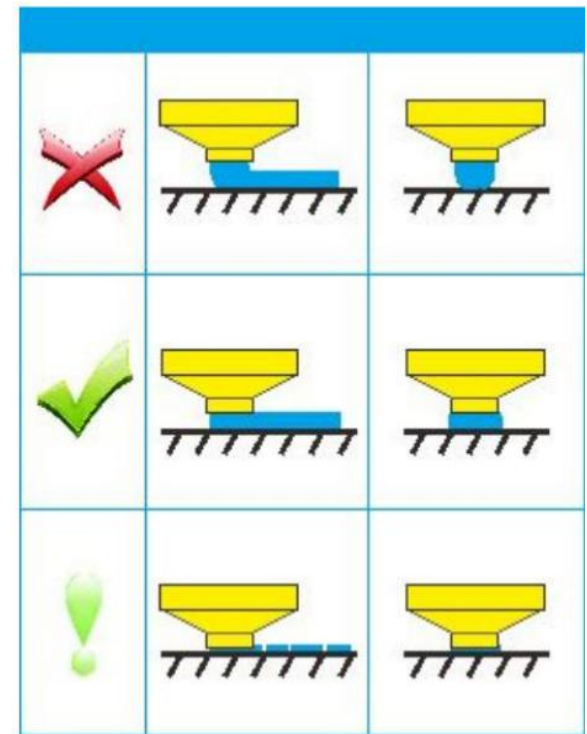
# 7. Bed Levelling



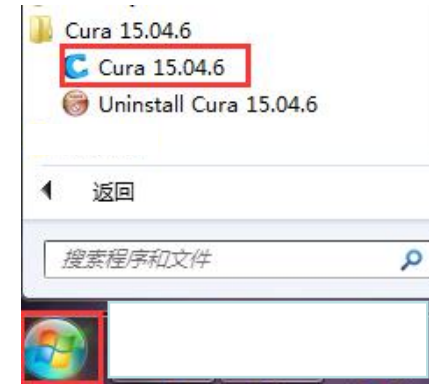
1. Tighten the four levelling nuts at the bottom of the platform before initial levelling..
2. Select Settings→Levelling, click on the number ①~⑤



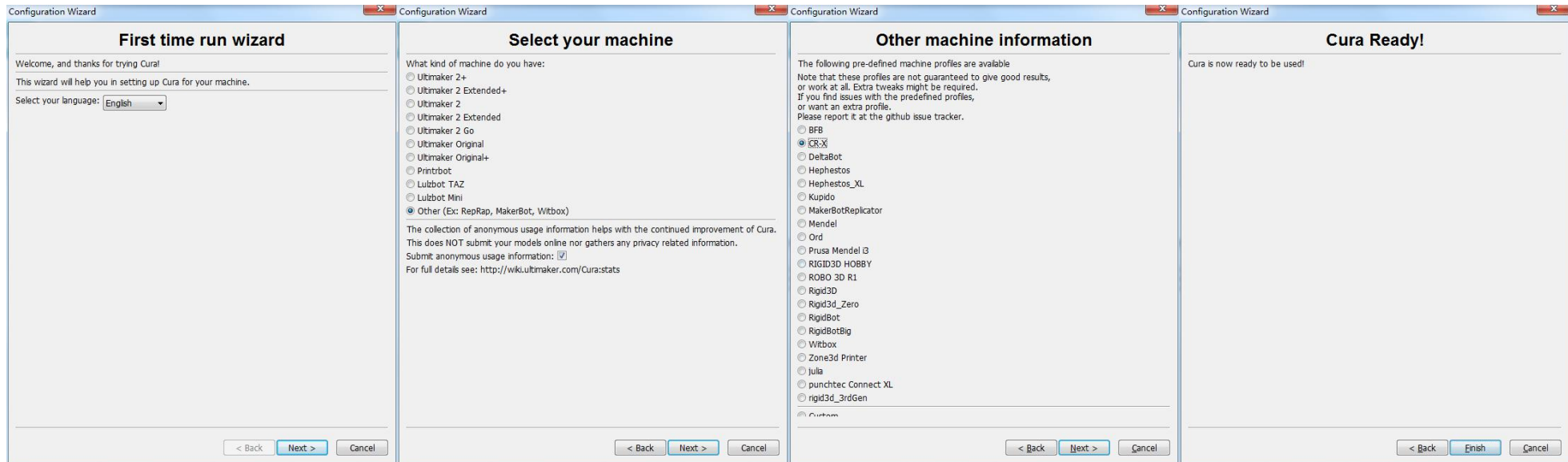
3. Adjust the platform height by turning the knob underneath. Use a piece of A4 paper (standard printer paper) to assist with the adjustment, making sure that the nozzle lightly scratches the paper.
4. Complete the adjustment of the screw on all 4 corners.
5. Click the number 5 to test whether the middle gap of the platform is suitable.
6. Repeat above steps 1-2 times if necessary.



# 8. Software Installation



1、 install Cura→Install model configuration file→open Cura

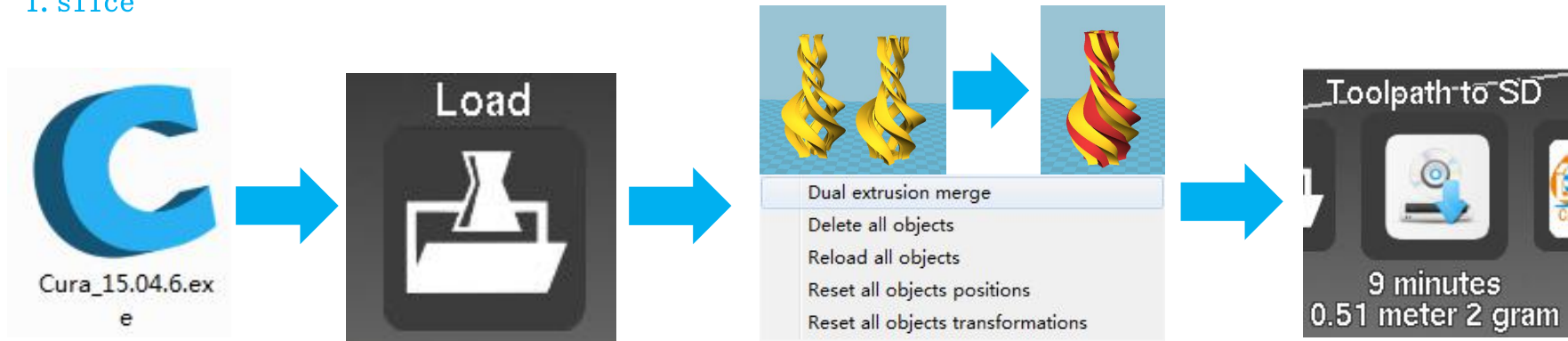


2、 Set up Language→Next→Other→Next→CR-X→Next→Finish

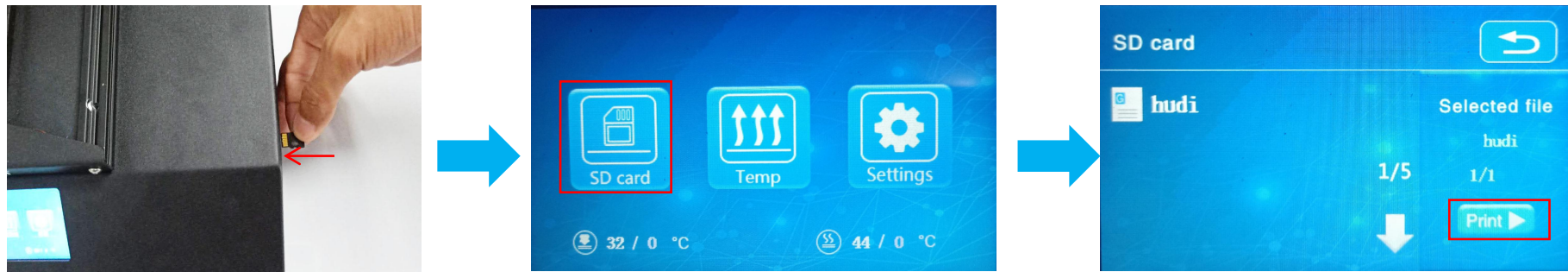


# 9. For the first Printing

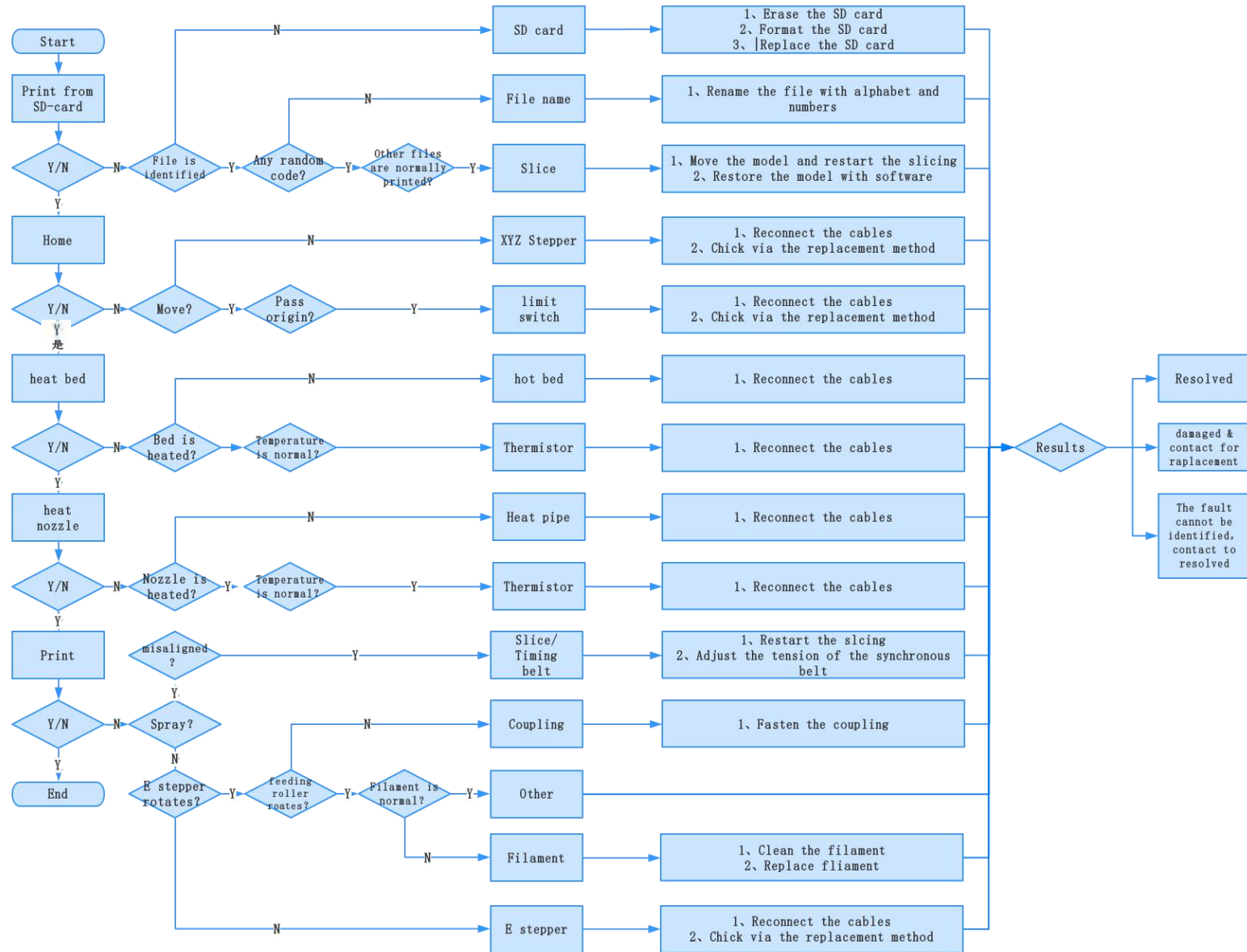
## 1. slice



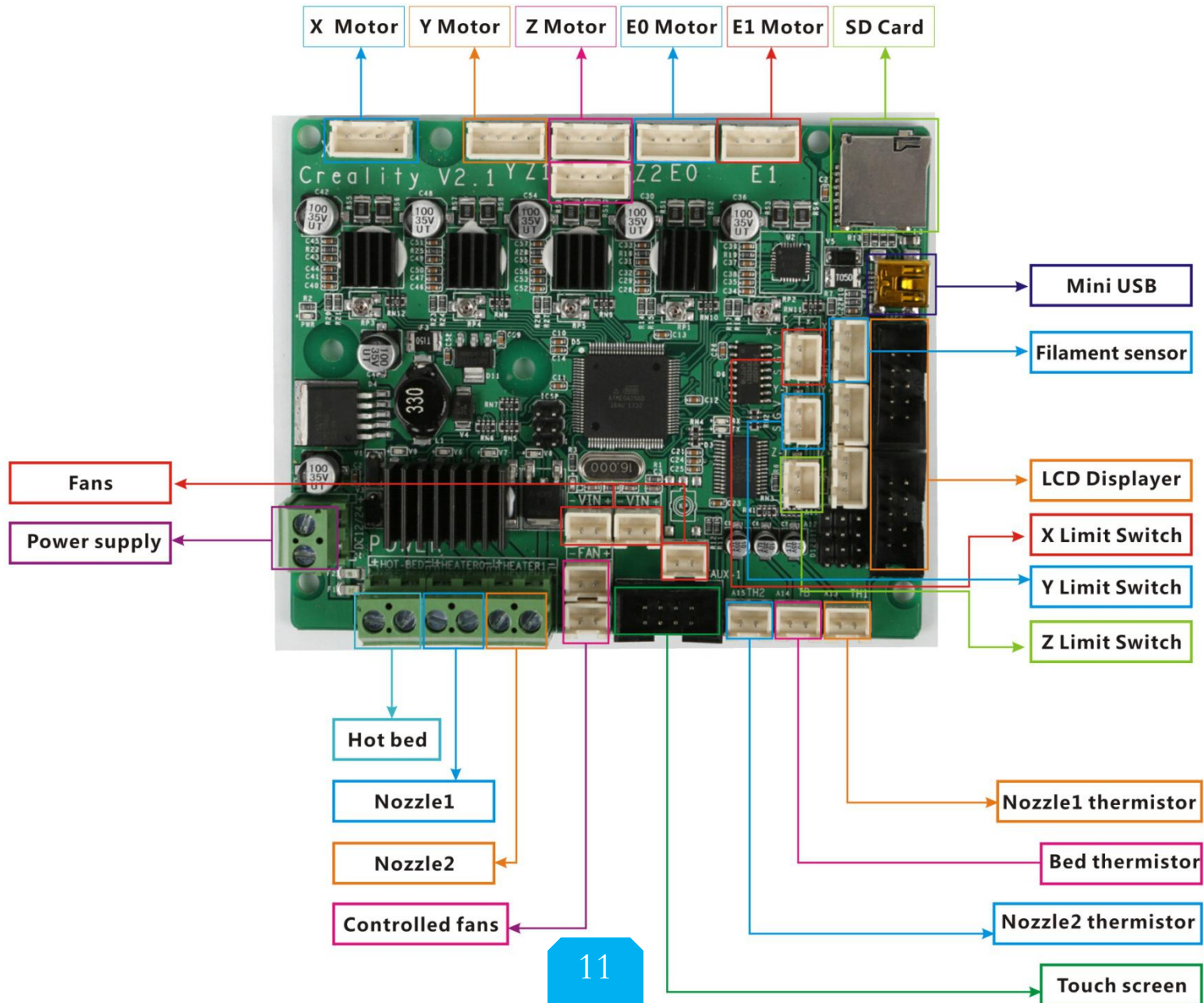
## 2. Print



# 10. Corrective maintenance



# 11. Circuit wiring



# 12. After-Sales Service

## After-Sales Service Terms

1. We provide a 12-month warranty on 3D printers (excluding the nozzle assembly) purchased on or after January 1, 2017 and a 3-month warranty on the nozzle assembly thereof. Products purchased before January 1, 2017 whose warranty periods have not expired are subject to the original warranty terms.
2. The warranty period of each product starts from the date of production. Any product with renewed warranty period is subject to the renewed warranty terms.
3. Within the warranty period, we will provide free accessories to replace those damaged during the operation in accordance with the instructions for use which are not caused by user negligence (determined by our professional assessment).
4. We will continue to provide warranty services for any product having been repaired as long as its warranty period has not expired.
5. In case of any problem, you may find the solutions in the instructions for use or search for the solutions on our official website ([www.creality3d.cn](http://www.creality3d.cn)) or contact us via phone or email.
6. We provide free remote technical support for every consumer during the service life of the product. You may request solutions from our after-sales team via phone or email within working hours. For any request submitted beyond the normal working hours, we will reply as soon as possible.
7. Please provide completed after-sales service card or S/N number when applying for the warranty service. Otherwise, warranty services may be refused.
8. We are entitled to refuse warranty claims for any fault or damage due to failure to follow instructions for use, including but not limited to (i) unauthorized modification; (ii) incorrect installation or use; (iii) use of any third-party component; (iv) use of any non-specified software; (v) use of low-quality filament; (vi) use under non-specified environment; and (vii) misuse (overload) or improper maintenance (corrosion or oxidation).
9. We are entitled to refuse to provide warranty services for any fault or damage due to force majeure, including but not limited to fire, earthquake, lightning stroke, flood, violent conflict, etc.
10. We provide after-sales services between 8:30 and 21:30 every day from Monday to Saturday, except official holidays.

## After-sales Service Card

Product Name: \_\_\_\_\_ Purchase Date: \_\_\_\_\_

S/N No.: \_\_\_\_\_ Purchased Channel: \_\_\_\_\_

Fault description: \_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

User Name: \_\_\_\_\_

User Tel: \_\_\_\_\_

User Email: \_\_\_\_\_

Return Address: \_\_\_\_\_

\_\_\_\_\_





## Shenzhen Creality 3D Technology CO.,LTD.

After-Sales Service Tel: (+86) 400-6133 882

Official Website : [www.creality3d.cn](http://www.creality3d.cn).

Company Address : 12F, Building No.3, Jinchengyuan Industrial Area, Huafan Road,  
Dalang, Longhua, Shenzhen,Guangdong Province

