LULZBOT®

TAZ 6

START HERE

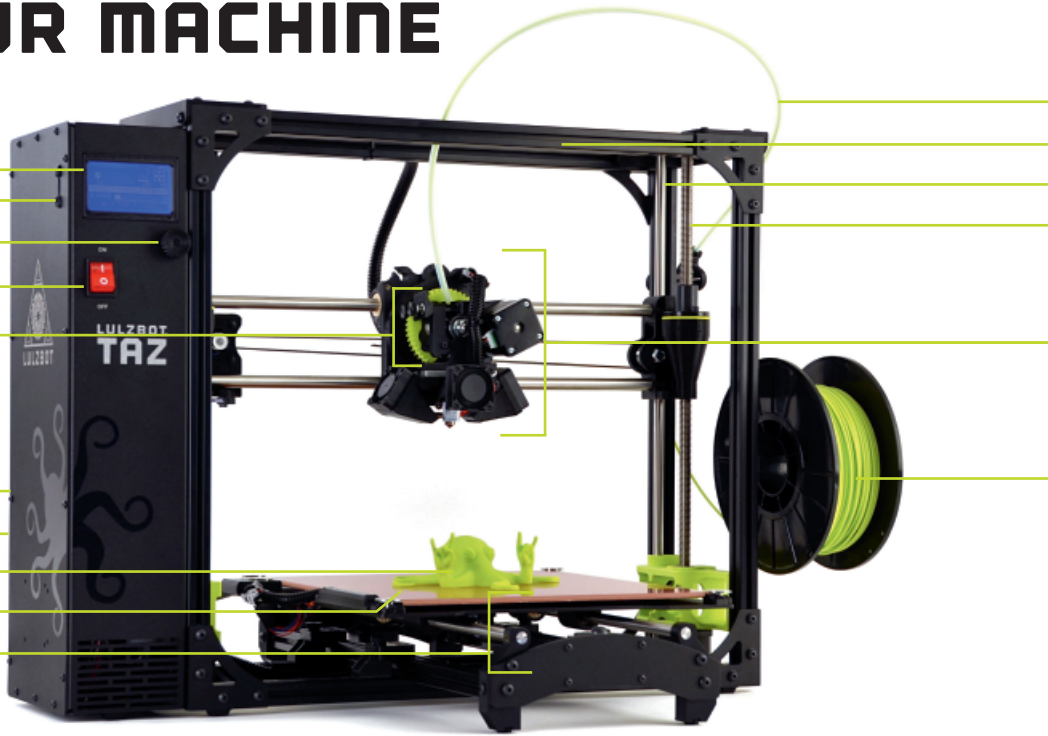
UNBOXING YOUR 3D PRINTER

Thank you for choosing the LulzBot® TAZ desktop 3D printer and welcome to the LulzBot Community. Upon completing this Unboxing Guide, you will have a fully assembled LulzBot TAZ 6 desktop 3D printer ready for operation.

Every LulzBot TAZ purchased from Aleph Objects, Inc. or an Offcial LulzBot Reseller is covered by a non-transferable one-year warranty and technical support. If you have questions along the way, contact us by emailing ***support@lulzbot.com***. In the United States you may call us at **+1-970-377-1111**. Find a full list of regional contact phone numbers online at **LulzBot.com/contact/**

*Read the included Safety and Warnings sheet completely before beginning this guide. Find the full printed user manual for your LulzBot TAZ included with your printer, or view the digital version on the SD card or online at **LulzBot.com/TAZ**.*

KNOW YOUR MACHINE



Graphical LCD
SD Card Slot
Control Knob
Power Switch
Extruder

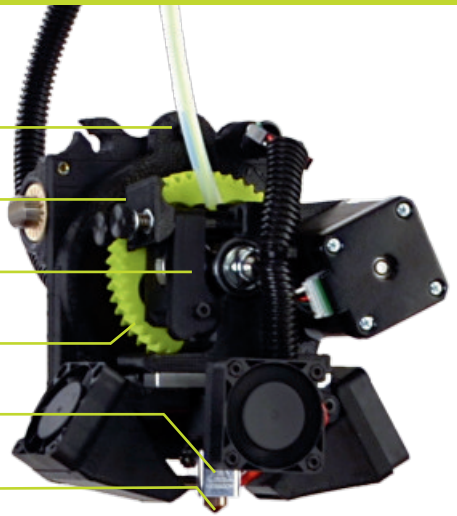
USB Port (back)
Power Port (back)
Rock2pus
PEI Print Surface
Y-Axis Assembly

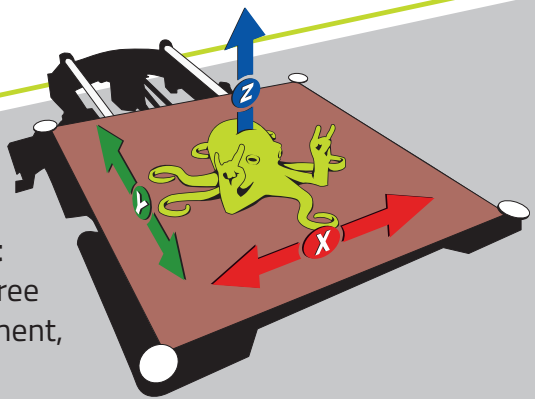
Filament Guide Tube
Aluminum Frame
Smooth Rod
Lead Screw

Tool Head

Filament Reel

M3 Screw (2.5mm)
Idler Retainer
Hinged Idler
Drive Gear
LulzBot v2 Hot End
Nozzle





The Cartesian Coordinate Robot
The LulzBot TAZ can move on three linear axes that define its movement, X, Y, and Z.

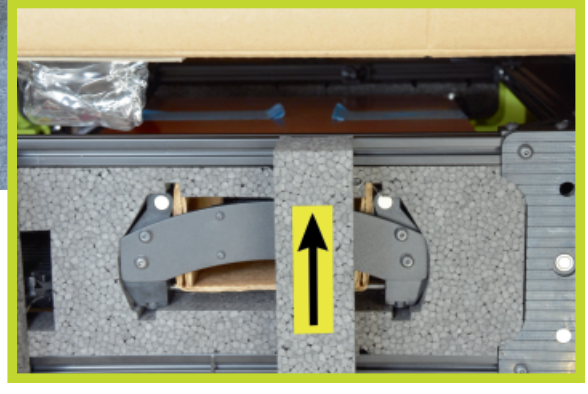
STEP
1

Position Box for Unpacking

1A Both box handles should be up.

Soft floors may be damaged by your 3D printer. Hard floors may do damage to your 3D printer. Exercise caution by using a cloth, towel, carpet, or rug for padding during unboxing.

1B Look inside the yellow and black arrow sticker on the packing foam. Carefully lay the box flat on the floor so that the arrow points up.



STEP
2

Remove the 3D Printer and Components

When moving your 3D printer, always grab the black aluminum frame. Lifting the printer by any plastic parts, smooth rods, lead screws, etc. may damage it.

2A Grab the lower frame of the printer and gently slide the printer out of the box, leaving all foam pieces in place.

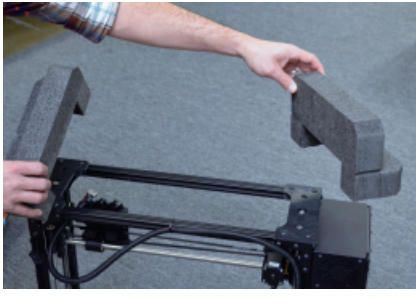
2B Carefully remove the protective foam piece that is supporting the Y-axis assembly.

STEP 2 *Continued...*

2C Lift the front of the Y-axis assembly up, then pull it out of the 3D printer frame. You may need to push the Y-axis assembly back before lifting so that it clears the frame.

2D Remove foam from the bottom of the printer frame.

2E Stand the printer frame upright and remove the final two pieces of protective foam.

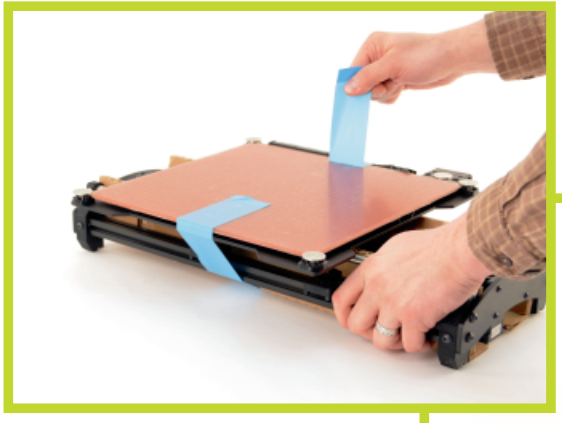


STEP 2 *Continued...*

2F Remove the small accessory and tool head boxes.

2G Carefully remove tool head from the tool head box. Empty contents of accessory box onto a clean, flat work surface.

2H Remove tape and cardboard from the Y-axis assembly.



STEP
3

Verify Packing List

3A Organize printer components and all other box contents on a clean, flat work surface.

When moving your 3D printer, always grab the black aluminum frame. Lifting the printer by any plastic parts, smooth rods, lead screws, etc. may damage it.

3B Verify everything on the Packing List is included in the box. Save all of the provided packaging materials in case you need to transport your 3D printer or ship it for warranty service in the future.

Your LulzBot TAZ comes with an octopus that was made by your 3D printer during the final stage of quality assurance. A tool kit for maintaining your LulzBot TAZ is included that you can learn more about in the Operation Guide.

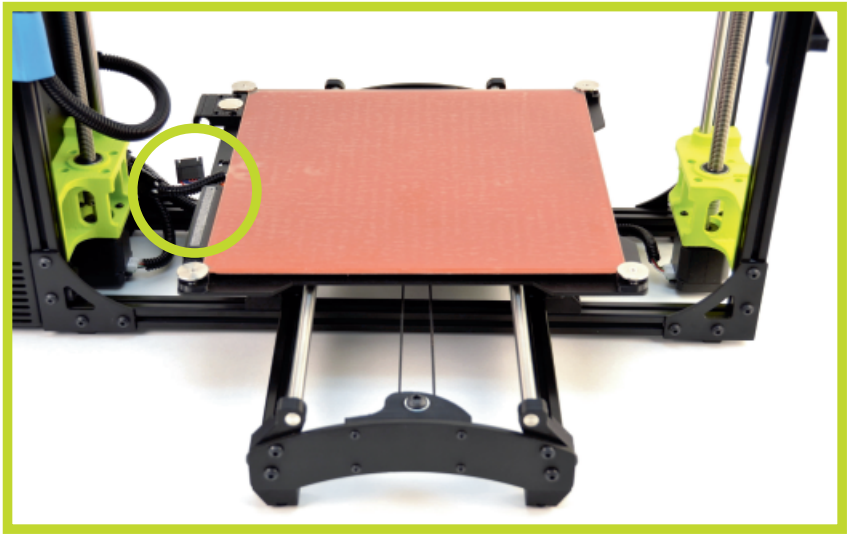
STEP 4

Mount the Y-Axis Assembly

4A Remove the four (4) Y-axis thumbscrews from the middle of the 3D printer frame.

STEP 4 *Continued...*

4B Set the Y-axis assembly onto the base of the printer frame, carefully lining up the four (4) mounting brackets. The print bed wiring should be on the left side as shown.



Do not press down on the print surface or the smooth rods.

4C Gently slide the print surface to the back and install the two (2) front thumbscrews. Hand tighten until snug. Do not use a tool to tighten the thumbscrews.

STEP 4 *Continued...*

4D Gently slide the print surface to the front and install the two (2) rear thumbscrews. Hand tighten until snug. Do not use a tool to tighten the thumbscrews.

STEP
5

Connect the Wires and Cables

5A With the print surface still positioned toward the front, plug in the Y-axis motor.

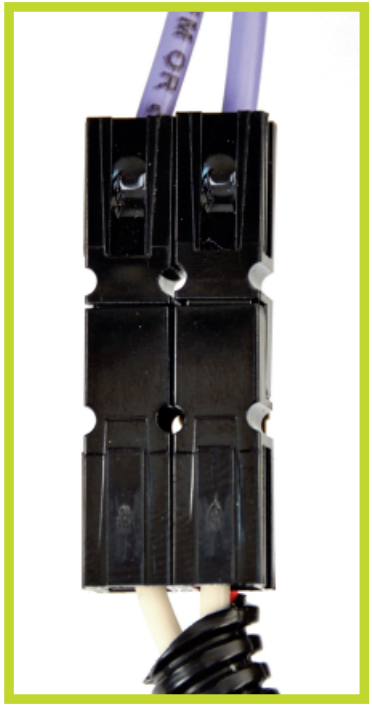
STEP 5 *Continued...*

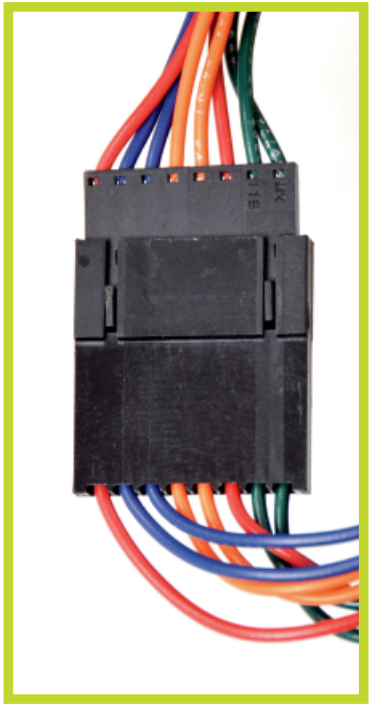
5B Remove and discard packaging tape securing Y-axis cable bundle.

5C Locate the three cables found on the left side of the print surface.

STEP 5 *Continued...*

5D Connect the three sets of corresponding wire connectors, as shown below.

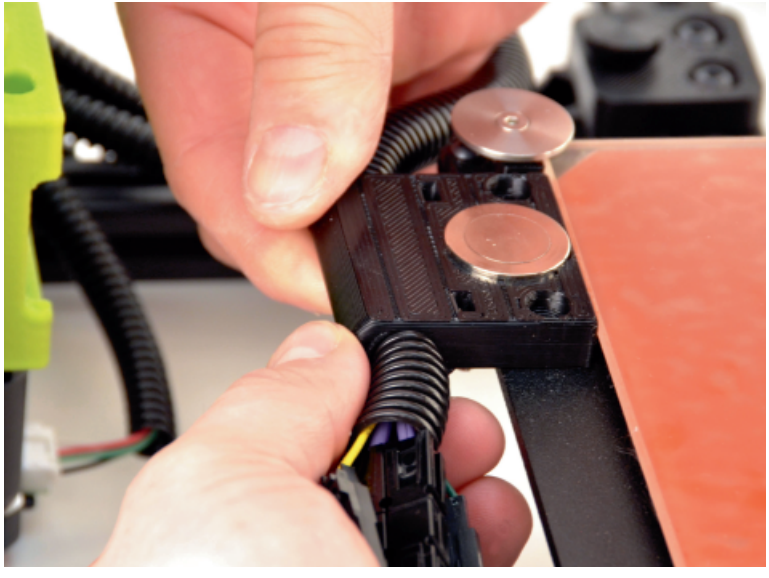




STEP 6

Secure the Print Surface Cable

Press the print surface cable into the black cable mount.



STEP
7

Mount the Tool Head

7A Unscrew the tool head mounting screw counter-clockwise from the X-axis carriage with the included 2.5mm hex key.

The tool head carriage is parked to the right side of the X-axis for shipping. You may want to slide it toward the center of the X-axis to make it easier to access for this step.

7B Place the bottom of the tool head into the X-axis carriage, allowing it to settle and self-center. Hold the tool head in place with one hand.

7C Reinsert and tighten the tool head mounting screw clockwise with the 2.5mm hex key to secure the tool head. Support the tool head with your hand to prevent it from falling onto the print surface.

STEP
8

Connect the Tool Head

8A Remove protective gray foam from tool head wiring connector.

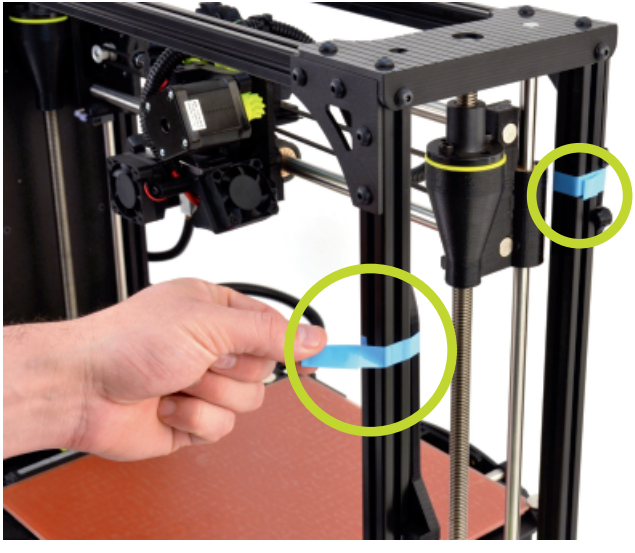
Use care not to bend the wiring connector pins. Verify the labels are aligned before plugging in the connector. Plugging this connector in the wrong way can damage your tool head.

8B Plug in the 16 pin connector, ensuring that the green triangles are aligned.

STEP 9

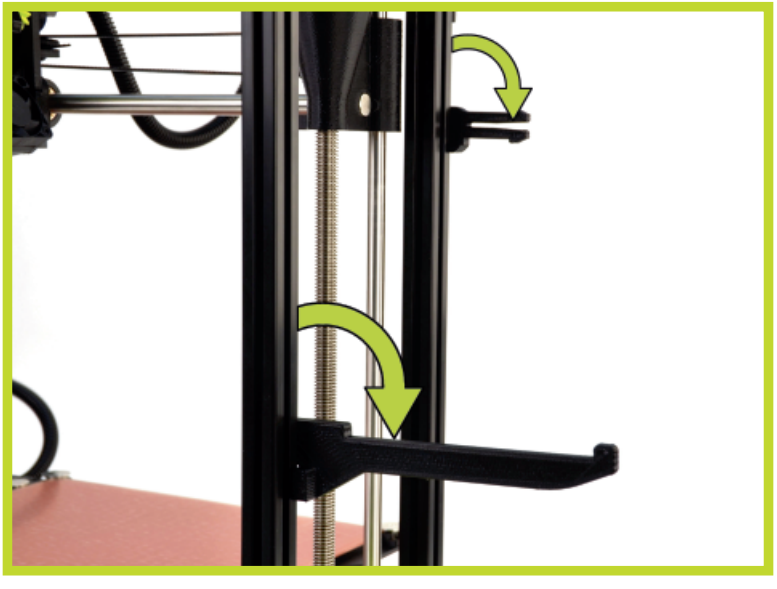
Prepare Filament Reel Holder and Guide Tube

9A Remove packaging tape securing the filament reel holder and filament guide tube bracket.

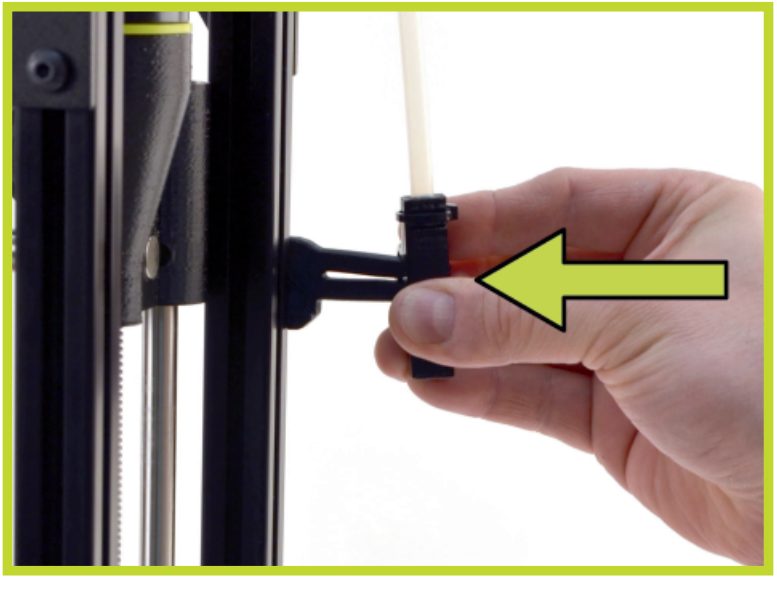


STEP 9 *Continued...*

9B Rotate filament filament reel holder and guide tube bracket clockwise into position.



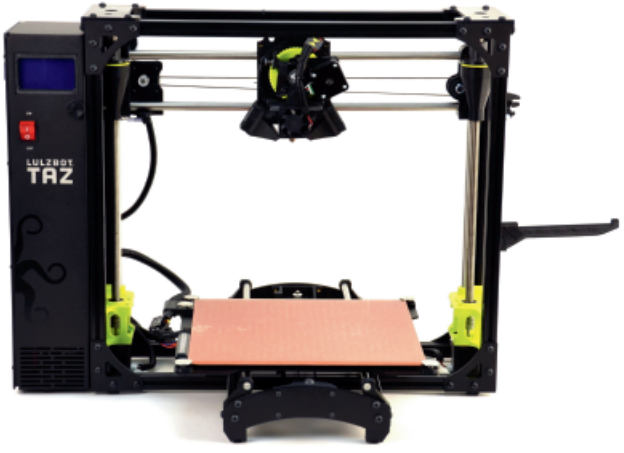
9C Slide filament guide tube onto the bracket.



STEP
10

Check Connections

Check every connector on the machine to verify they are fully and properly connected.



Not sure where to check? Review each previous step in this guide.

STEP
11

Power On Your LulzBot TAZ

11A Locate and unwrap the AC power cable included in the accessories box.

11B Verify that the power switch is in the off position.

11C Plug the AC power cable into your 3D printer and plug the other end into an AC power outlet.

STEP 11 *Continued...*

11D Flip the power switch up into the On position.

11E The Graphical LCD controller should display a “LulzBot TAZ 6 ready” message.

If your Graphical LCD controller shows any error messages or does not seem to power on properly, unplug the printer and then check all connections made in previous steps. Visit ***LulzBot.com/Support*** *for more assistance.*

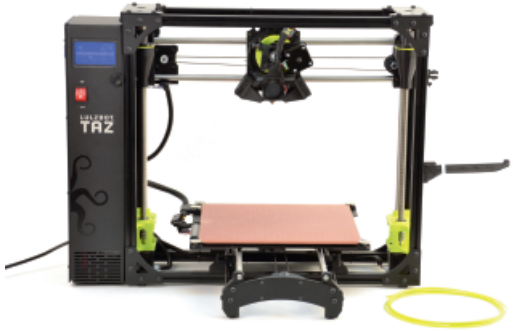
11F Power off your 3D printer by flipping the power switch down into the Off position.

STEP
12

Proceed to Operation Guide!

Ensure your LulzBot TAZ is in a well-ventilated area, on a flat and level surface with 30 centimeters (12 inches) of clearance in every direction.

Your LulzBot TAZ 6 is now fully unboxed, assembled, and ready for operation! To start printing, move to the ***Operation Guide*** which will walk you through your first 3D print.



Save all of the provided packaging materials in case you need to transport your 3D printer or ship for warranty service in the future.

Colophon

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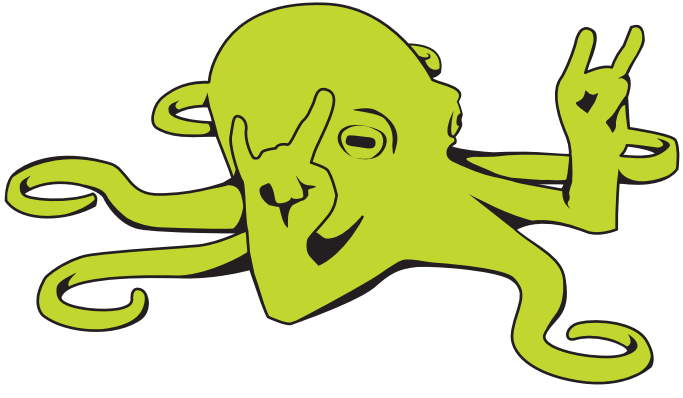

Need Support?

Documentation
https://www.lulzbot.com/support/lulzbot-taz-6

Community
https://forum.lulzbot.com

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