

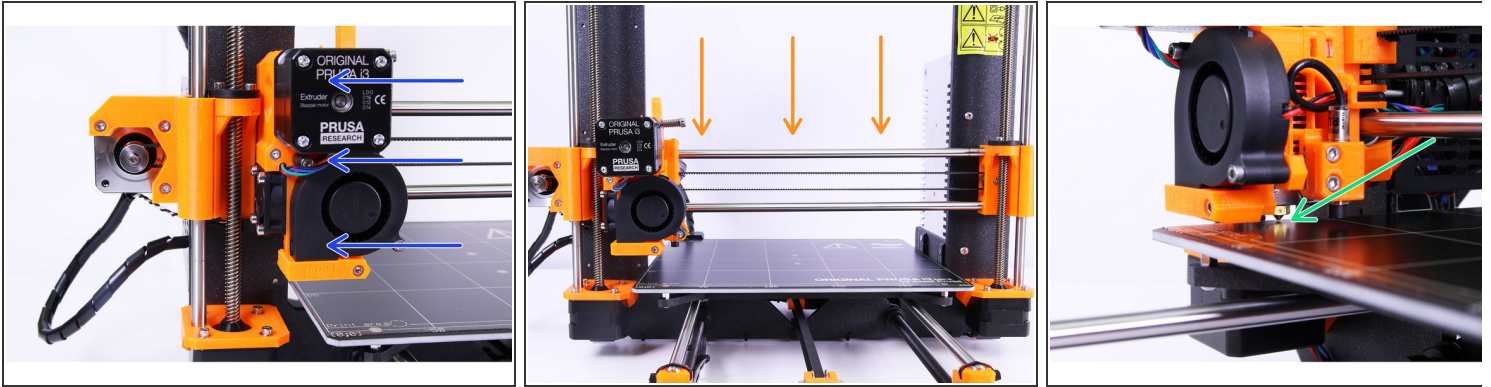


9. Preflight check

The last things you should check before the first print

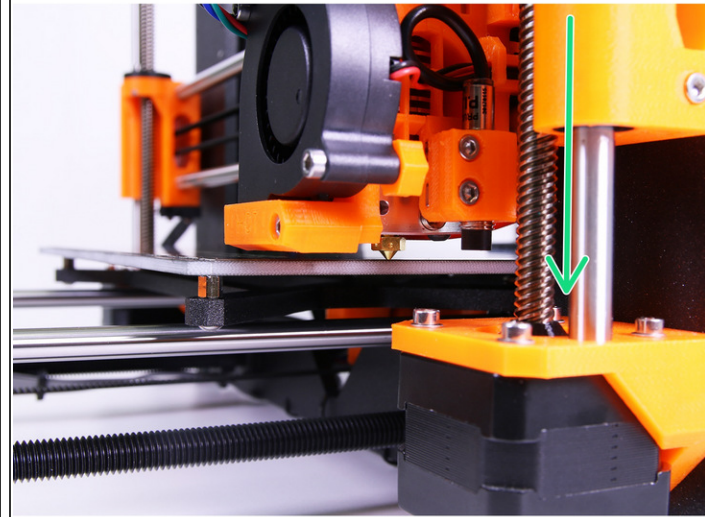
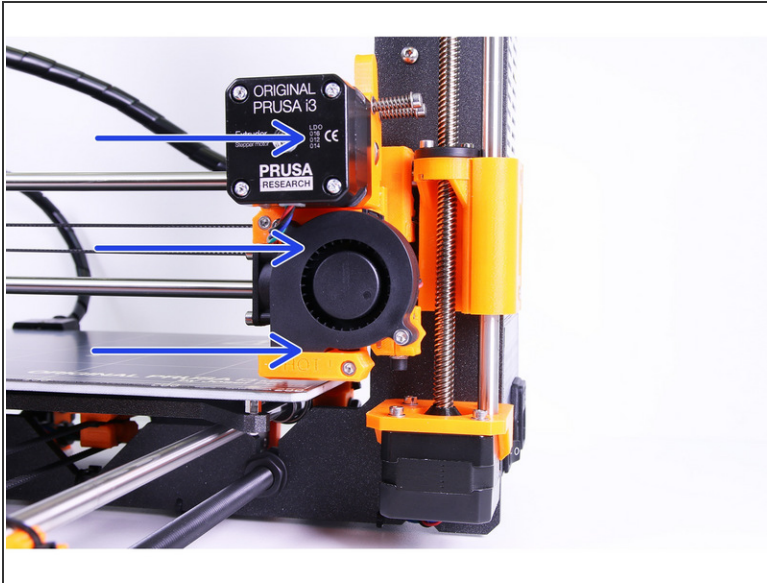
Written By: Josef Prusa

Step 1 — P.I.N.D.A. adjustment, phase 1



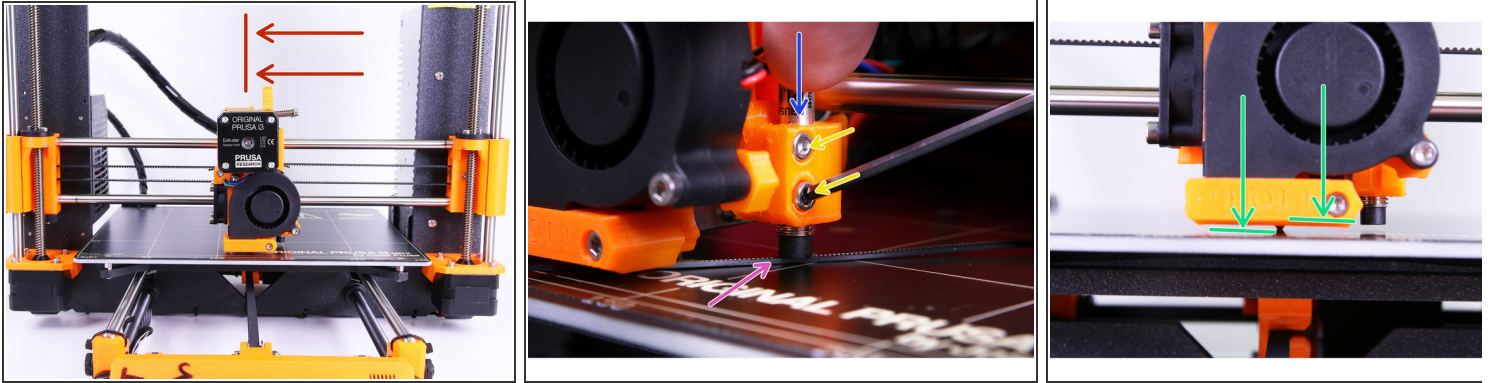
- ⚠ Ensure the printer is turned off and not plugged in.
- Move the extruder manually all the way to the left.
- By rotating BOTH threaded rods at the same time on the Z-axis move the nozzle until you reach the heatbed. Try rotating both the rods equally!
- ⚠ Check again from a different angle the nozzle is touching the heatbed.

Step 2 — P.I.N.D.A. adjustment, phase 2



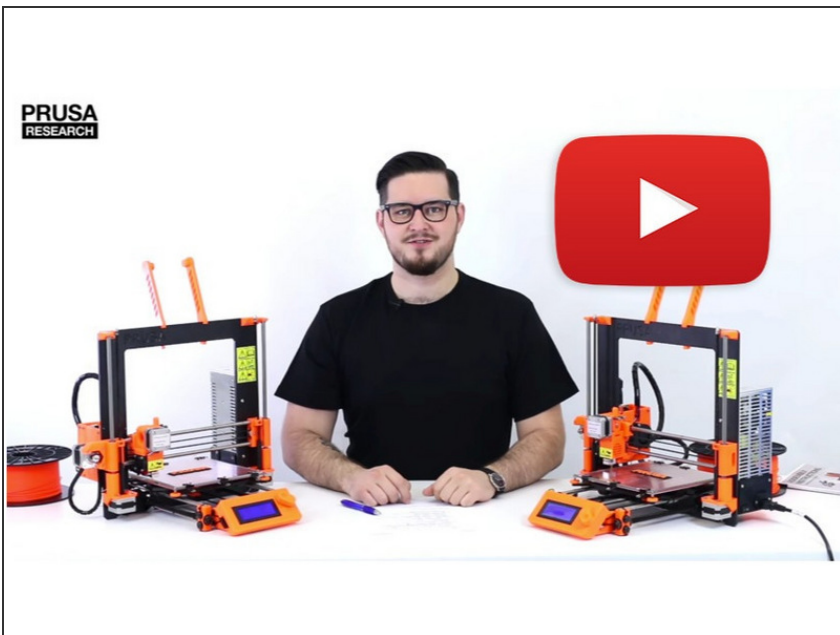
- Move the extruder carefully all the way to the right.
- ⚠ Make sure that the nozzle is not scratching the print surface during the movement! If it does, rise the right side of the X axis by rotating the right Z motor slightly clockwise.
- If an adjustment is needed, you can lower the nozzle height by rotating the right Z motor counter-clockwise.

Step 3 — P.I.N.D.A. adjustment, phase 3



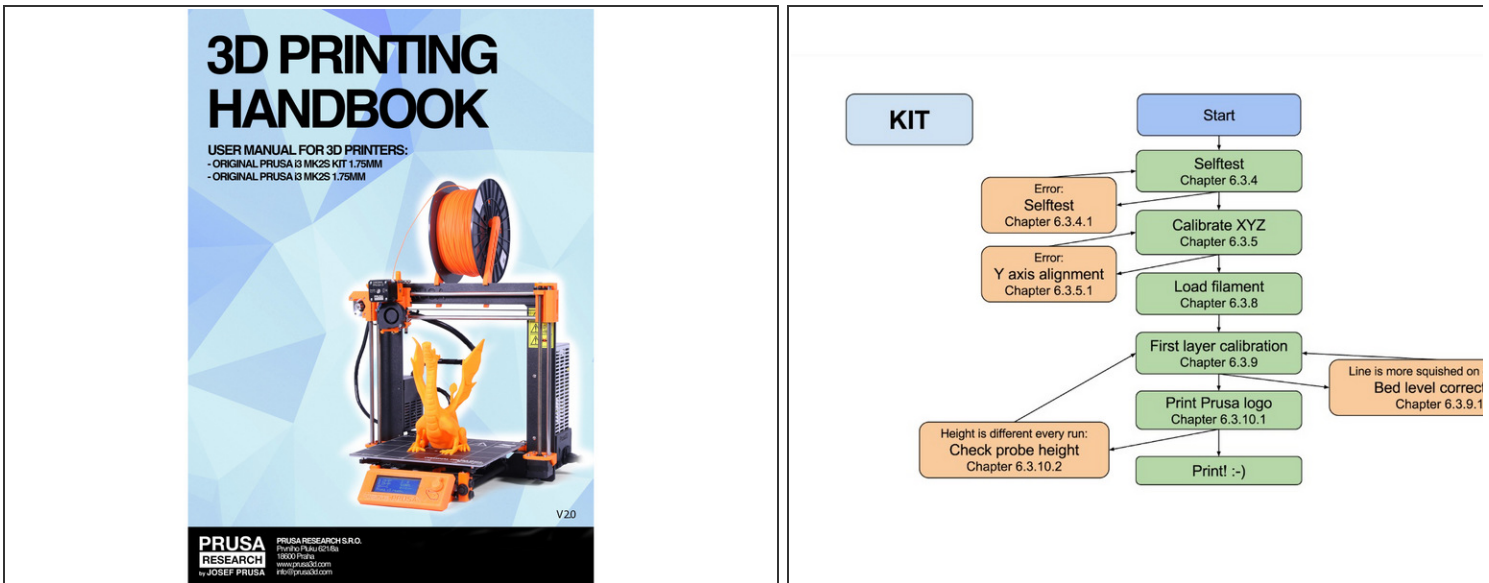
- Move the extruder to the center of the X-axis.
- Locate the spare parts package, take the longest zip tie and place it under the P.I.N.D.A. sensor.
- Release two screws holding the P.I.N.D.A. sensor and gently press it against the zip tie.
- Tighten screws on the P.I.N.D.A. holder again.
- A correct height of the P.I.N.D.A. sensor compared to the nozzle should be similar to the last picture.

Step 4 — Check your Prusa i3 before printing



- Please watch our video with the most common build problems and their solutions before printing.
<http://www.prusa3d.com/buildvideoMK2S>
- ⓘ Note the video includes previous version of the MK2 with a slightly different look, however the principles of the calibration and printing are the same.

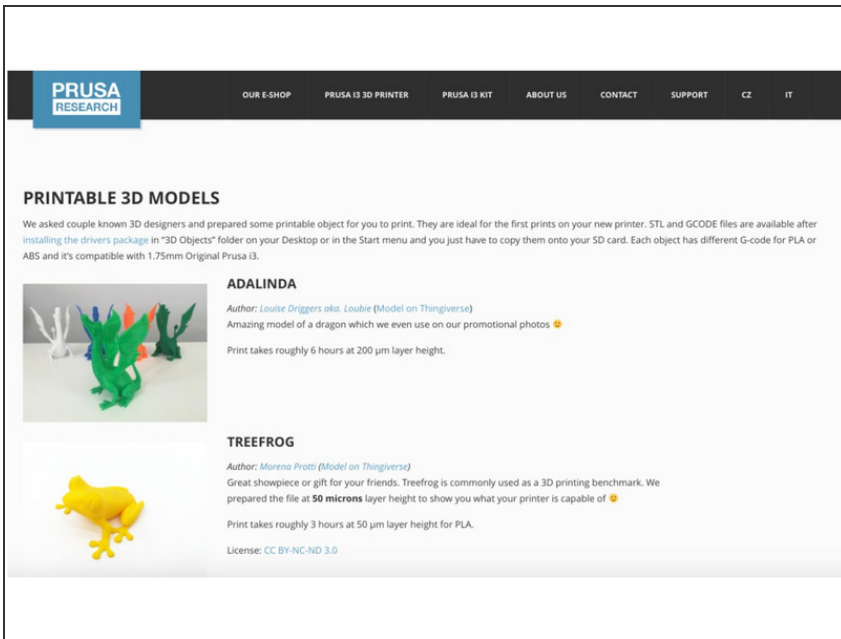
Step 5 — Quick guide for your first prints



i See our free **3D Printing Handbook** - <http://www.prusa3d.com/3dhandbookMK2S>

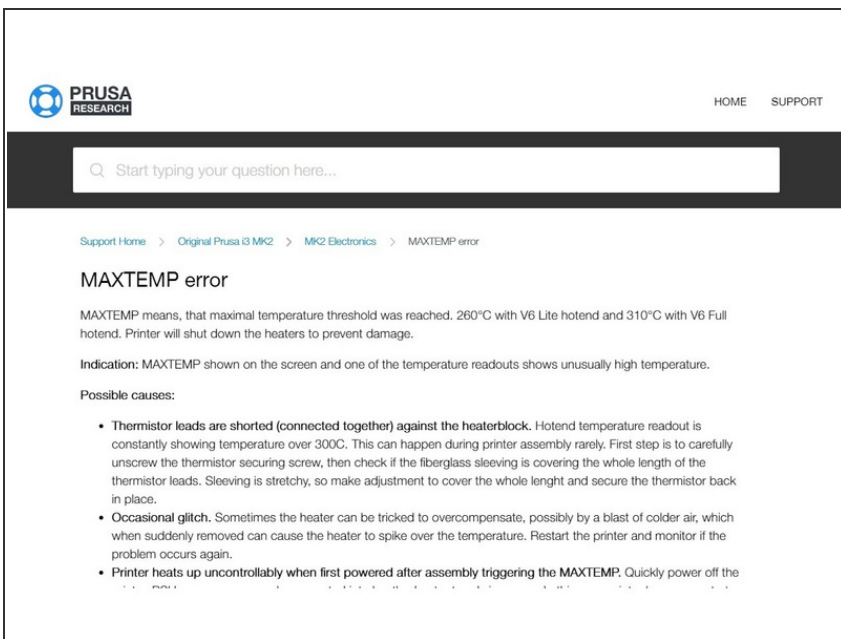
- Read the chapters *3.2 Disclaimer* and *3.3 Safety instructions*
- Read the chapter *6.3 Setup before printing*.
- Download and install the drivers - chapter *8 Printer drivers*. Don't forget we have ready to print settings for Slic3r, Cura, Simplify3D and KISSlicer.
- !** Calibrate the printer by following the chapter *6.3.1 Calibration flow*. Please follow the steps exactly, otherwise you can permanently damage the print surface!

Step 6 — Printable 3D models



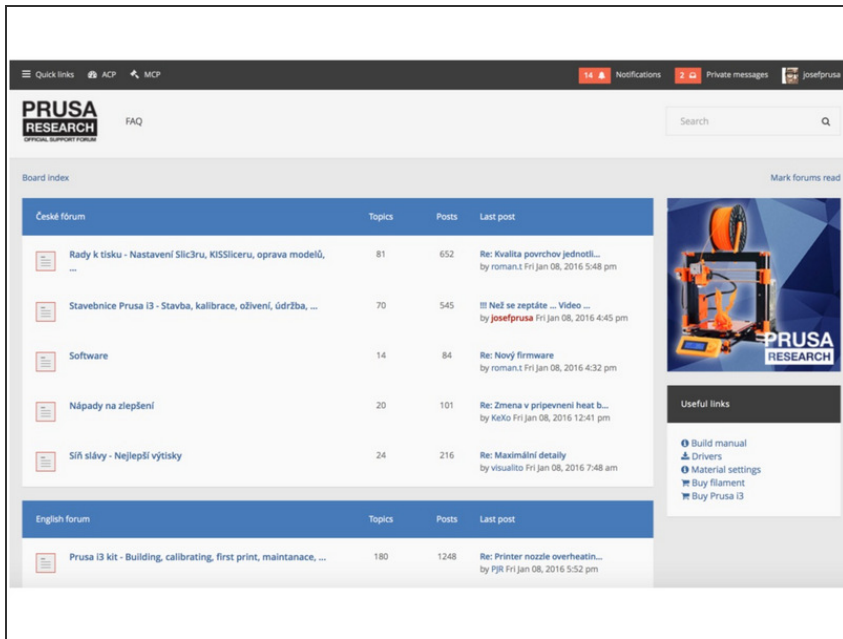
- Read the chapter *7 Printing* of 3D Printing Handbook.
- **Congratulations! You should be ready to print by now ;-)**
- You can start by printing some of our test objects bundled on the included SD card - you can check them out here prusa3d.com/printable-3d-models

Step 7 — Prusa knowledge base



- If you encounter any problems at all, don't forget you can always check out our knowledge base at <http://help.prusa3d.com>. We're adding new topics every day!

Step 8 — Prusa3D forum



- If you need help with the build, check out our forum with great community :-)

- Account is shared with <http://shop.prusa3d.com/>

- ☐ Support forum is available at <http://forum.prusa3d.com>

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