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1. Wprowadzenie

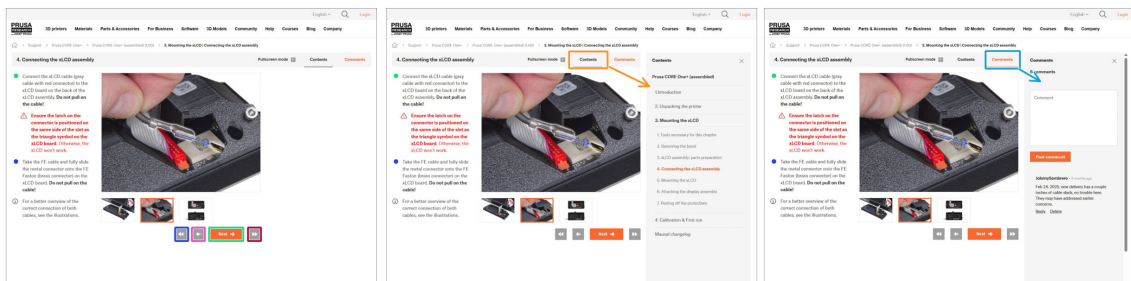


KROK 1 Wprowadzenie



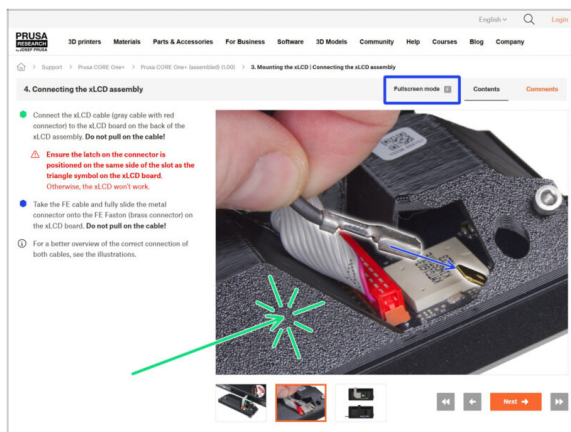
-  Welcome to the guide for unboxing, calibrating, and setting up your **Prusa CORE One+**. Follow these steps to ensure your printer is ready for its first print.
-  Although the Prusa CORE One+ comes pre-assembled, the LCD must be installed before printing, as it is removed for transport protection.
-  **Do not install the LCD at this moment; wait for the appropriate instructions later in the guide.**
-  We recommend keeping all the packaging material in case you decide to send the printer for service.

KROK 2 How to navigate through the manual



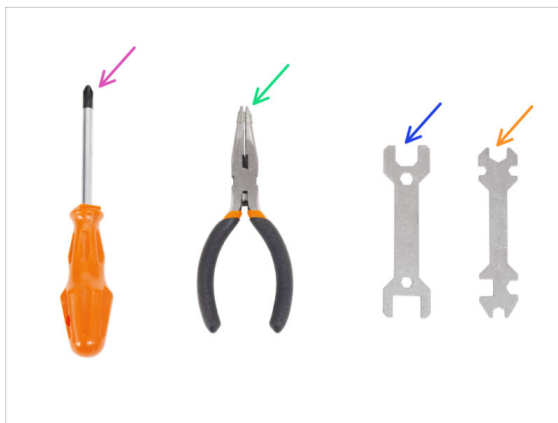
-  Use the graphical navigation buttons in the bottom right corner or the arrow keys on your keyboard:
 -  **Next button / Right arrow key** - Moves to the next image, or to the next step if it's the last image in the step.
 -  **Left arrow button / Left arrow key** - Moves to the previous image, or to the previous step if it's the first image in the step.
 -  **Play backward button / Up arrow key** - Moves to the previous step.
 -  **Play forward (Next) button / Down arrow key** - Moves to the next step.
 -  Click on **Contents** to expand the full list of steps in this guide. This allows you to jump to any step regardless of the sequence.
 -  Click on **Comments** to open the discussion for a specific step and leave your feedback.

KROK 3 View high resolution images



- When you browse the guide on help.prusa3d.com, you can view the original images in high resolution for clarity.
- Just click on the image to open it in high resolution for a detailed view.
- Click on **Fullscreen mode** or press the F key to maximize your screen space and focus entirely on the instructions.

KROK 4 Tools included in the package



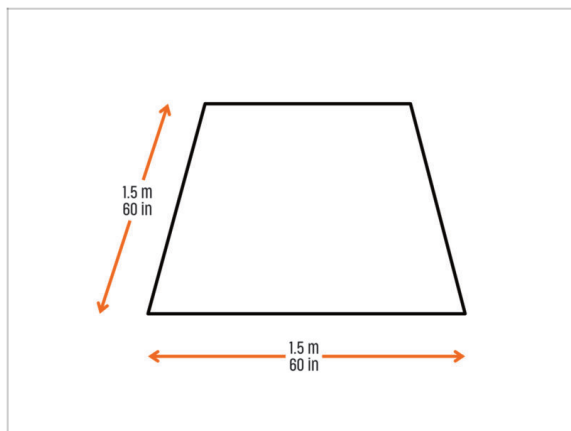
- Your Prusa CORE One+ package includes all the tools for printer operation and maintenance:
 - Phillips (PH2) screwdriver (1x)
 - Needle-nose pliers (1x)
 - Wrench size 13 mm (1x)
 - Universal wrench (1x)
 - Allen key set 1.5 mm - 3.0 mm
 - Torx key set T6 - T10
- You will come across the tool pack during unpacking the printer, we will let you know.
- ① For this guide, you will only need the 2.5 mm Allen key.

KROK 5 Prusa Cheatsheet



- If you're unsure whether you're using the correct screw type or size, our cheatsheet will help you. Print it at a 1:1 scale and place the fastener on the corresponding drawing to compare its type and size.
- 📌 You can download the cheatsheet on prusa.io/core-one-cheatsheet.
- ⓘ This guide doesn't involve screws or nuts, but this option may be useful for future maintenance.

KROK 6 Let's get everything set up!



- ⚠️ **CAUTION: The package is heavy—handle it with care!**
- Make sure you have enough space to prepare the printer. **A clean space is essential.**
- ⓘ A minimum of 1.5 x 1.5 meters (60 x 60 inches) is recommended.
- Bring your family, friends, or pets—this will be engaging!
- Continue to the next chapter: **2. Unpacking the printer.**

2. Unpacking the printer



KROK 1 Preparing the package

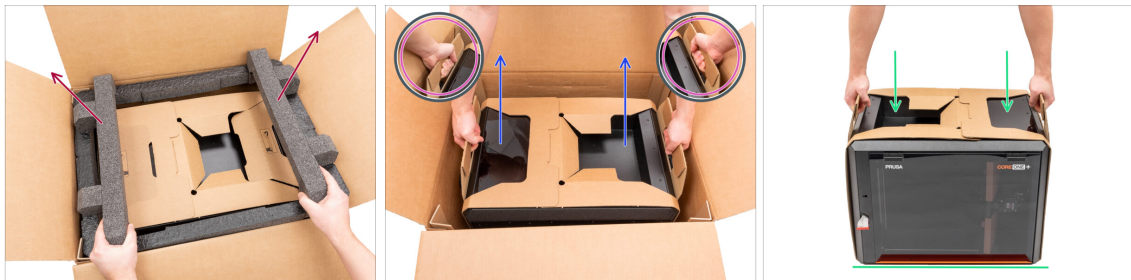


 **CAUTION: The package is heavy—handle it with care!**

 **The package fixations and foam inserts may vary.**

- Open the package. On the top layer, you will find:
 -  Płyta stołu
 -  USB drive
 -  Power cord
 -  Anti-vibration bars
- Remove these items from the package and place them in a safe spot for later use.
-  Remove the cardboard protection layer.
-  Take out the Prusament cardboard box and set it aside.

KROK 2 Removing the box



-  Remove top foam fixation.
-  Notice the two cutouts (handles) on both sides of the cardboard layer. Bend them downward.

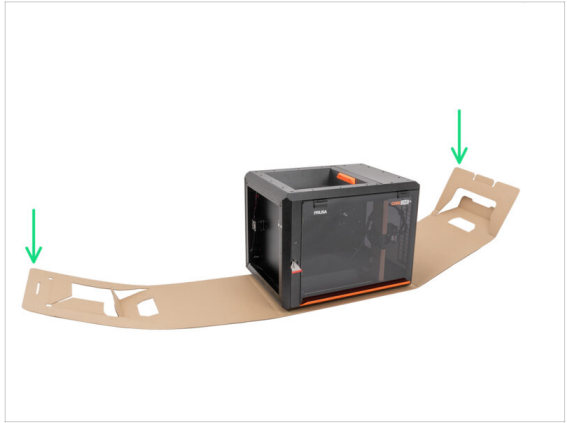
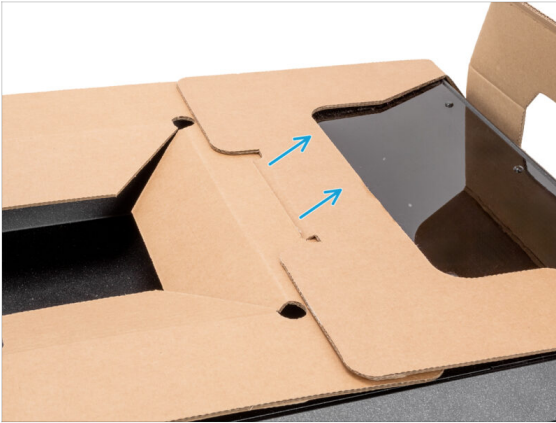
 **CAUTION: The printer is heavy—handle it with care!**

-  Grasp both handles and **CAREFULLY** lift the printer out of the box.

 **Tip:** Ask someone to hold the bottom cardboard box in place to make it easier to lift the printer out.

-  Place the printer on a **stable and clean surface**.

KROK 3 Removing the cardboard layer



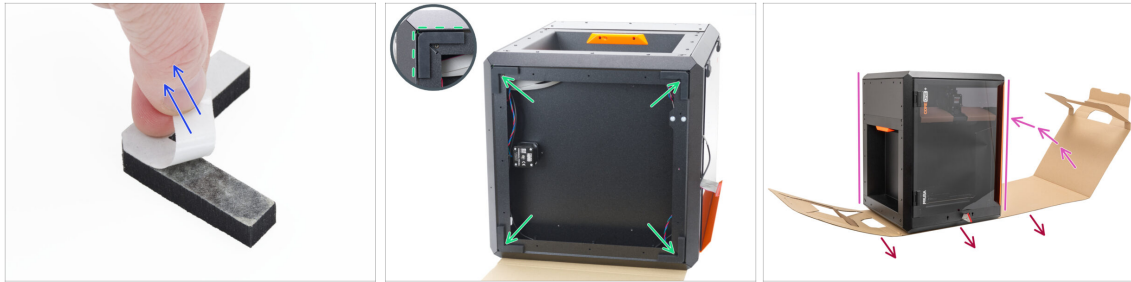
- Detach the two ends of the cardboard protective layer from each other by pulling the upper layer out.
- Fold down the cardboard protective layer away from the printer.

KROK 4 Anti-vibration feet: parts preparation



- For the following steps, prepare:
 - Anti-vibration foot (4x)

KROK 5 Sticking the anti-vibration feet



- ◆ Peel off the protective film from all anti-vibration feet.
- ◆ Stick one anti-vibration foot in each corner of the frame. Align it with the outer edge of the flat side of the profile.
- ◆ Carefully turn the printer to its "natural standing position" with the orange door handle on the right side.
- ◆ Now, you can completely remove the cardboard layer from the printer.

KROK 6 Removing the inside protections



- ◆ Open the door.
- ◆ Locate two cardboard fixtures on the X-axis. There is a notch that releases the fixation.
- ◆ Pull the notch, release, and remove the fixture.
- ◆ Using the same method, remove the second fixture.

KROK 7 Preparing the Tool pack

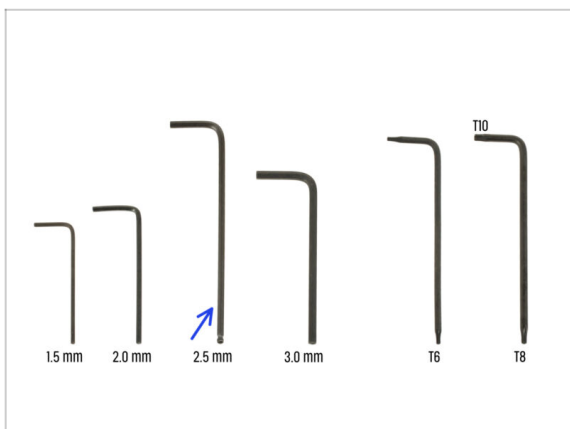


- The tool pack is located on the right side of the printer.
- Remove the cardboard tool pack from the printer.
- Open the tool pack completely. **Inside, you will find:**
 - xLCD assembly package
 - Akcesoria
 - Tools package - contents are described in the first chapter
- Keep the content aside for later use. Now let's go to the next chapter: **3. Mounting the xLCD**

3. Mounting the xLCD

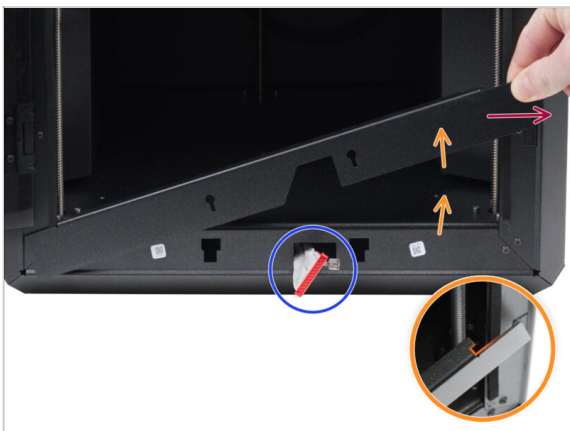


KROK 1 Tools necessary for this chapter



- For this chapter, please prepare:
- 2.5mm Allen key

KROK 2 Removing the bezel



- Open the door fully.
- Lift the right end of the front bezel and unhook it from the printer frame.
- Pull the bezel out of the printer. Do not discard the part.
- ⚠ Proceed carefully to avoid scratching the parts or damaging the door.**
- i** The bezel is attached to the printer with magnets, making it easy to remove.
- Note the cables coming from the printer. We'll address them shortly. **Avoid pushing them into the printer, keep them as they are.**

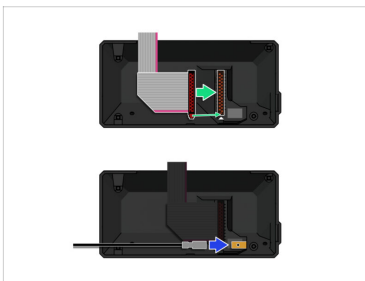
KROK 3 xLCD assembly: parts preparation



● For the following steps, please prepare:

- xLCD assembly (1x)

KROK 4 Connecting the xLCD assembly



- Connect the xLCD cable (gray cable with red connector) to the xLCD board on the back of the xLCD assembly. **Do not pull on the cable!**

⚠ **Ensure the latch on the connector is positioned on the same side of the slot as the triangle symbol on the xLCD board. Otherwise, the xLCD won't work.**

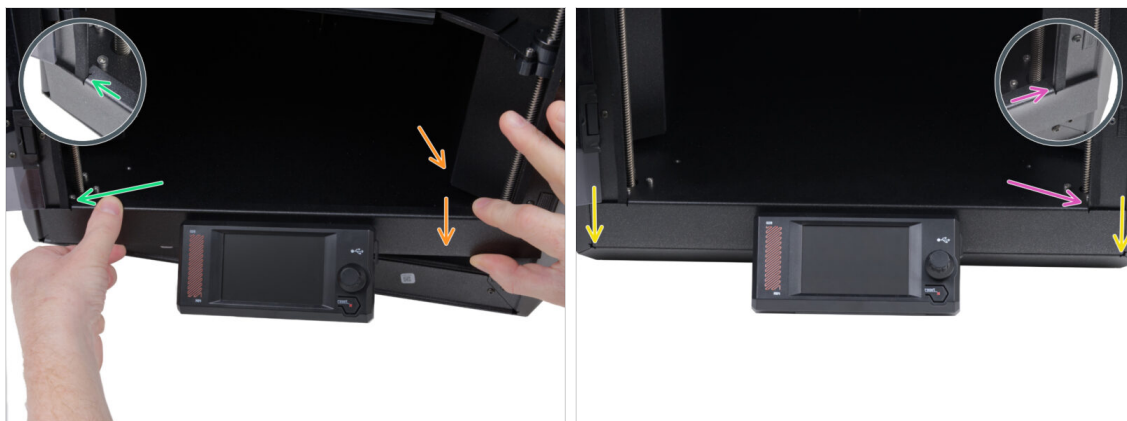
- Take the FE cable and fully slide the metal connector onto the FE Faston (brass connector) on the xLCD board. **Do not pull on the cable!**
- ① For a better overview of the correct connection of both cables, see the illustrations.

KROK 5 Mounting the xLCD



- ✿ Install the bezel onto the screws on the back of the xLCD assembly.
- ✿ **Ensure the magnets face upward.** The bezel has four magnets, but only two are visible in the picture.
- ✿ **Ensure both screws (M3x6) are not fully tightened,** leaving approximately a 3 mm (1/8 inch) gap between the screw head and the xLCD cover.
- ✿ Slide the bezel toward you, ensuring both screws are positioned at the end of the keyhole-shaped holes.
- ✿ Keep the bezel in position and fully tighten both screws.

KROK 6 Attaching the display assembly



- Carefully install the display assembly (xLCD and bezel) onto the printer using the following procedure:

⚠ **Proceed carefully** to avoid scratching the parts or damaging the door.

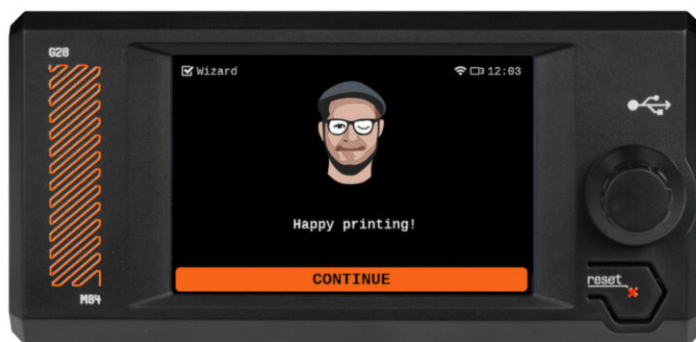
- Hook the left side of the bezel onto the left frame of the printer, ensuring the square cutout is securely attached to the frame.
- Slowly lower the right side into place as well.
- Secure the right side of the bezel onto the right frame of the printer, ensuring the square cutout is securely attached to the frame.
- Ensure the **bezel is evenly seated at both ends along the bottom edge** — test it by closing the door slowly to check if the bezel obstructs movement.

KROK 7 Peeling off the protectives

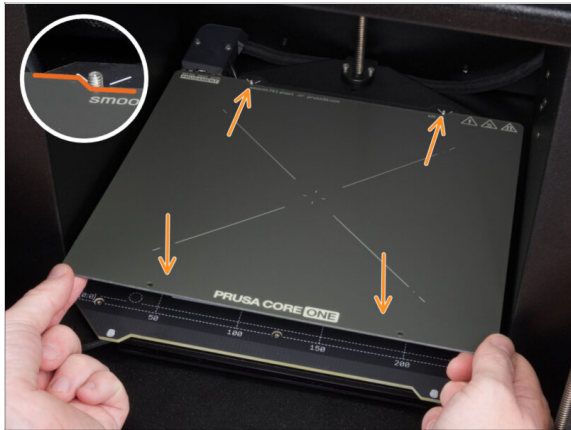


- Now, you can remove the protective films from the transparent panels on the printer.
- The protective film is located on the top, left, and right sides of the printer.
- We are almost there! Let's go to the last chapter: **4. Calibration & First run**

4. Kalibracja i pierwsze uruchomienie



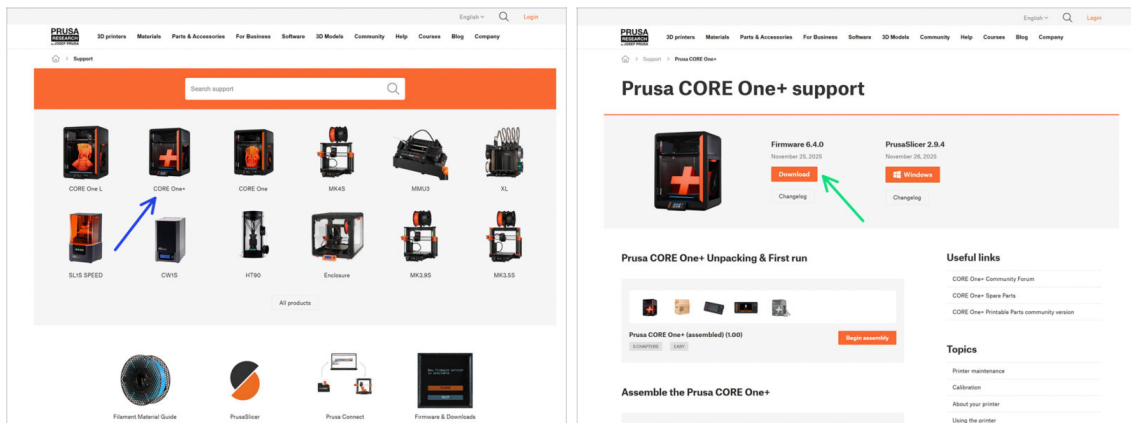
KROK 1 Attaching the print sheet



- i** Ten rozdział zawiera instrukcje kalibracji i przygotowania drukarki do pierwszego uruchomienia.
- !** **Upewnij się, że nic nie znajduje się na stole grzewczym.** Stół musi być czysty. Wszelkie zabrudzenia mogą uszkodzić powierzchnię zarówno stołu grzewczego, jak i arkusza druku.
- Attach the sheet by first aligning the rear cutout with the locking pins on the back of the heated bed.** Hold the sheet by the front two corners and slowly lay it down onto the heated bed - **watch your fingers!**

 - Keep the **print sheet** clean for optimum performance.
 - #1 cause of prints detaching from the print surface is a greasy print sheet. **Use IPA (Isopropyl alcohol) to degrease it** if you have touched its surface before.

KROK 2 Firmware update



- ❗ Wszystkie drukarki wysyłamy z pamięcią USB z najnowszym firmware. Zalecamy jednak sprawdzenie i ewentualną aktualizację oprogramowania.
- 📍 Odwiedź stronę help.prusa3d.com
- 📍 Navigate to the Prusa CORE One+ page.
- 📍 Save the firmware file (.bbf) onto the bundled USB drive.
- ❗ Pro tip: To access Prusa CORE One+ homepage you can use the URL: prusa.io/core-one-plus

KROK 3 Turning it ON



- 📍 Podłącz do drukarki pamięć USB z zestawu.
- ❗ The included USB drive contains the latest firmware file.
- 📍 Connect the power cable and plug the printer into a wall outlet.
- 📍 Turn the printer on using the switch on the back.
- ❗ The printer will now detect if a new firmware file is available on the USB drive.
- 📍 If the "New firmware available" screen appears, hit **FLASH** by pressing the rotary knob to upgrade to the latest firmware.
- 📍 If no such message appears, the printer is running the latest firmware already. Proceed to the next step.

KROK 4 Setting up the printer: Intro



- ✦ Drukarka wyświetli na ekranie monit o wybranie języka. Użyj pokręćła lub ekranu dotykowego, aby ustawić preferowany język.
- ✦ After selecting your language, the printer will display the welcome screen. Hit **OK** to continue through the setup process.
- ✦ The next screen will prompt you to select your printer model. Since the assembled Prusa CORE One is fully tested in our facility, it has been pre-selected to COREONE+ during these tests. Hit **Done** to continue.

KROK 5 Setting up the printer: Network setup



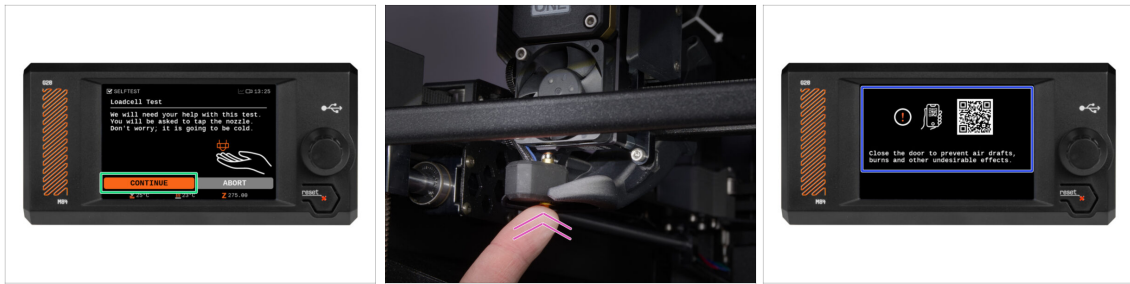
- ✦ Na ekranie konfiguracji sieci pojawi się prośba o połączenie z siecią Wi-Fi z użyciem oficjalnej aplikacji mobilnej Prusa.
 - ❶ Read more on prusa.io/app.
- ✦ If you select **No**, the printer will show alternative ways to connect to Wi-Fi. This step is optional and can be done later.
 - ❶ You can skip this screen and set up the network connection later.

KROK 6 Wizard: Intro



- ❶ Drukarka wyświetli monit o przeprowadzenie Selftestu i kalibracji wszystkich ważnych komponentów. Cały proces trwa kilka minut, a niektóre jego etapy wymagają Twojej interakcji.
- 🔵 Although the printer was thoroughly tested at our facility, we highly recommend running the self-test again. Hit **YES** to start the self-test.
- ⚠️ **Warning:** During the self-test, **keep the door closed** until you are prompted. Opening the door will interrupt the process.
- ⚙️ **There are HOT and moving parts inside during the self-test.**
- ⚠️ **Caution:** Some parts of the Wizard, such as fan testing and axis calibration, **may be loud**.
- 🟢 The printer will begin by testing all the fans. **Be aware—it will be quite noisy for a while!**

KROK 7 Wizard: Loadcell Test



- 🟢 W kolejnym kroku kreatora pojawi się monit o dotknięcie dyszy w celu przetestowania i skalibrowania czujnika tensometrycznego. Podczas tej procedury **części drukarki nie są podgrzewane**, więc możesz ich bez obaw dotykać. Kliknij przycisk **Kontynuuj**.
- ❗ Loadcell calibration requires the door to be open, as you must interact directly inside the printer.
- ⬛ Do not touch the nozzle yet, wait until prompted by the **Tap nozzle NOW** message.
- 🟡 Tap the nozzle from below. In case the Loadcell does not detect the touch, you will be prompted to repeat the step. Otherwise, you will see **Loadcell test passed OK** when it succeeds.
- 🟡 To allow the printer to continue with the Wizard, **close the door**.

KROK 8 Wizard: Gearbox Alignment



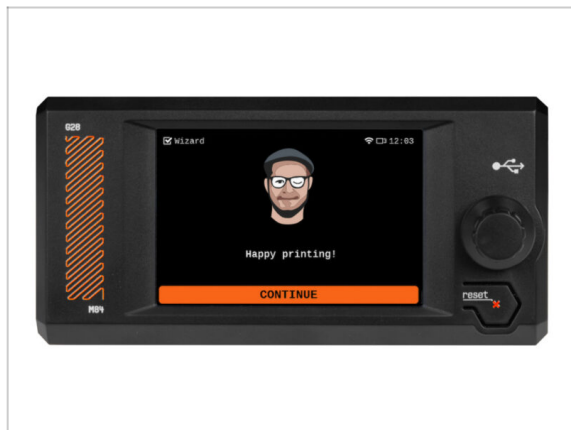
- ⬛ Na następnym ekranie zostanie wyświetlony monit o przeprowadzenie osiowania przekładni ekstrudera. Ta kalibracja nie jest konieczna w drukarkach zmontowanych fabrycznie.
- 🟡 Naciśnij **Pomiń**, aby kontynuować.

KROK 9 Wizard - Filament Sensor Calibration



- ✿ Podczas kalibracji czujnika filamentu potrzebny będzie krótki kawałek filamentu. Przygotuj go i wybierz opcję **Kontynuuj**.
- ❗ Przed rozpoczęciem procesu kalibracji wewnątrz ekstrudera nie powinien znajdować się filament.
- 🔵 Place a spool of filament onto the spool holder on the right side of the printer.
- 🟡 When prompted, begin inserting the filament into the PTFE tube located beneath the right handle.
- ⬛ Remove the filament after the calibration finishes.

KROK 10 Wizard complete



- ⬛ Gratulacje! Kreator zakończył pracę i nadszedł czas na wydruk testowy.

KROK 11 Podręcznik

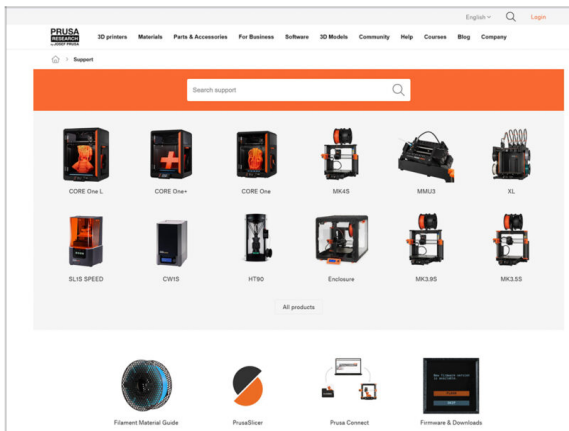


- Zapoznaj się z **Podręcznikiem druku 3D** dedykowanym dla Twojej drukarki i postępuj zgodnie z instrukcjami, aby skonfigurować ją i przygotować do pierwszego wydruku.

📌 Najnowsza wersja jest zawsze dostępna na help.prusa3d.com.

⚠️ **Read the Disclaimer and Safety instructions chapters.**

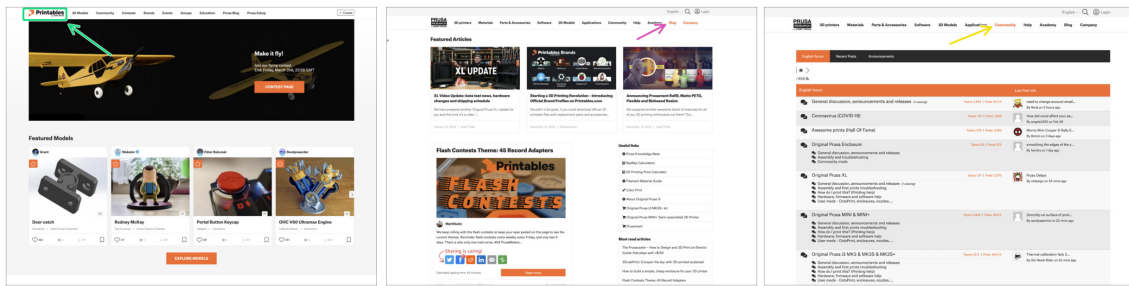
KROK 12 Prusa knowledge base



📌 Jeśli masz jakiegokolwiek problemy, nie zapominaj, że możesz poszukać rozwiązania w naszej Bazie Wiedzy pod adresem help.prusa3d.com

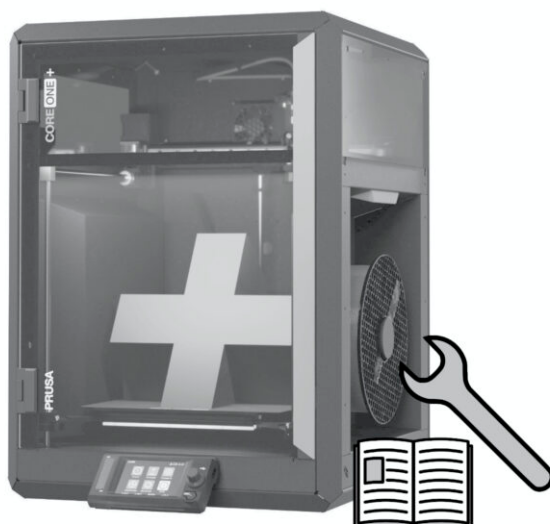
- Codziennie dodajemy nowe tematy!

KROK 13 Join Printables!



- Nie zapomnij dołączyć do największej społeczności użytkowników urządzeń marki Prusa! Znajdziesz tam najnowsze modele w formie plików STL i gotowe pliki G-code dla Twojej drukarki. Zarejestruj się na [Printables.com](https://www.printables.com)
- Szukasz inspiracji dla nowego projektu? Przejrzyj nasz blog i cotygodniowe aktualizacje.
- If you need help with the build, check out our forum with a great community :-)
- ❗ All Prusa services share one user account.

Lista zmian w instrukcji



KROK 1 Historia wersji



- **Wersje instrukcji dla Prusa CORE One+ (fabrycznie zmontowanej):**
- 11/2025 - Wersja początkowa 1.00

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across the entire width of the page, providing a guide for handwriting or typing. The background is a clean, solid white color.

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across the entire width of the page, providing a guide for writing. The background is a clean, off-white color. There are no margins, text, or other markings present.

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across the entire width of the page, providing a guide for handwriting or typing. The background is a clean, solid white color.