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1. Introducción

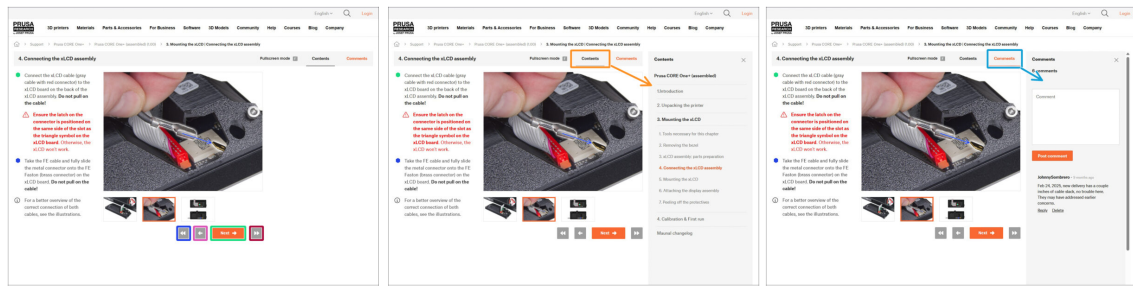


PASO 1 Introducción



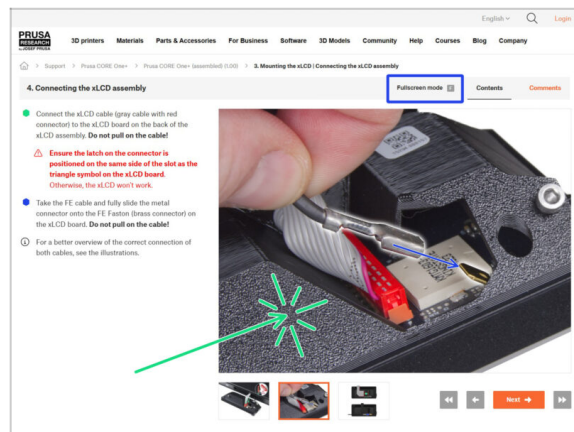
- Bienvenido a la guía para desempaquetar, calibrar y configurar tu **Prusa CORE One+**. Sigue estos pasos para asegurarse de que tu impresora está lista para su primera impresión.
- ① Aunque la Prusa CORE One+ viene pre-ensamblada, la pantalla LCD debe instalarse antes de imprimir, ya que se retira para protegerla durante el transporte.
- ⚠ **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.

PASO 2 How to navigate through the manual



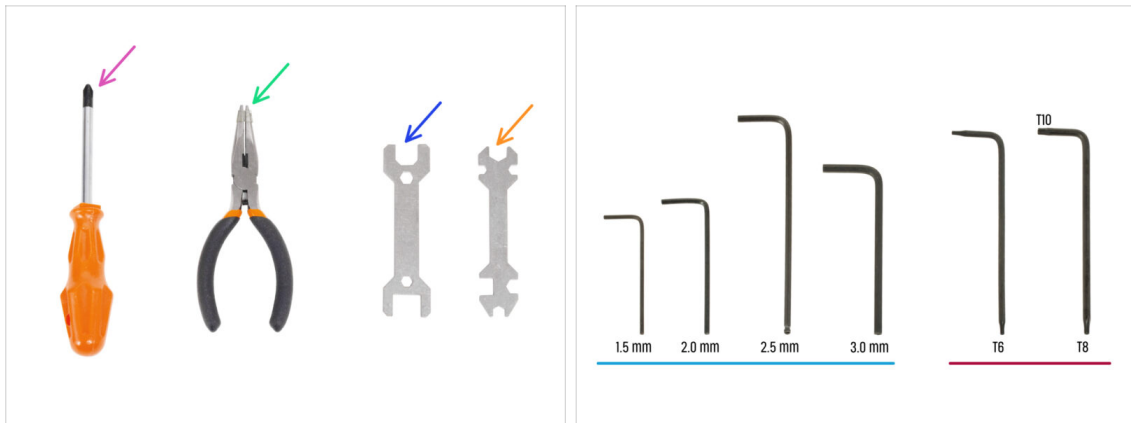
- Use the graphical navigation buttons in the bottom right corner or the arrow keys on your keyboard:
 - **Next button / Right arrow key** - Moves to the next image, or to the next step if it's the last image in the step.
 - **Left arrow button / Left arrow key** - Moves to the previous image, or to 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.

PASO 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.

PASO 4 Tools included in the package



- Tu paquete de la impresora Prusa CORE One+ incluye todas las herramientas para el funcionamiento y el mantenimiento de la impresora:
 - Phillips (PH2) screwdriver (1x)
 - Alicates de punta fina (1x)
 - Wrench size 13 mm (1x)
 - Llave universal (1x)
 - Set de Llaves Allen 1.5 mm - 3.0 mm
 - Set de llaves Torx 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.

PASO 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.

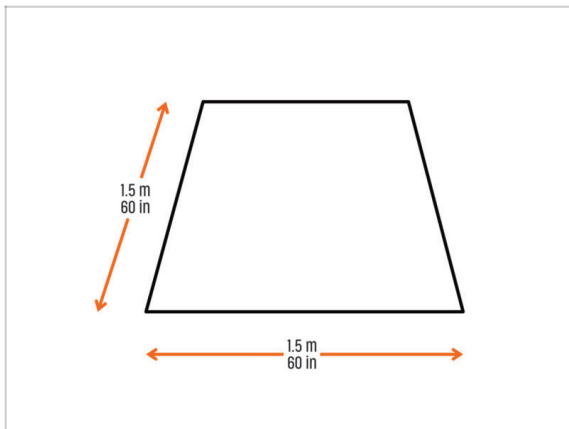


You can download the cheatsheet on prusa.io/core-one-cheatsheet.



This guide doesn't involve screws or nuts, but this option may be useful for future maintenance.

PASO 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.**
- ① 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



PASO 1 Preparing the package

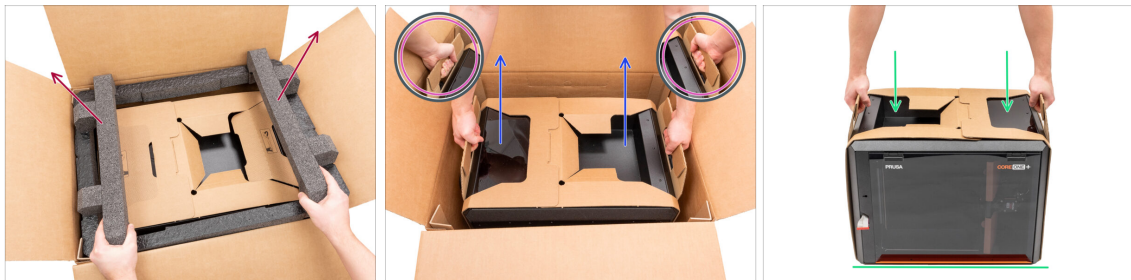


 **CAUTION: The package is heavy—handle it with care!**

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

- Open the package. On the top layer, you will find:
 -  Print sheet
 -  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.

PASO 2 Removing the box



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

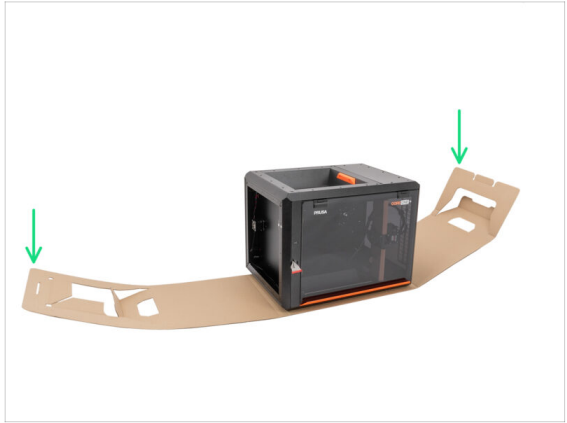
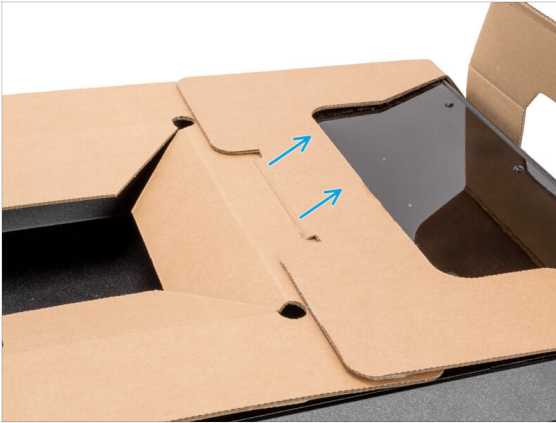
 **CAUTION: The printer is heavy—handle it with care!**

-  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**.

PASO 3 Removing the cardboard layer



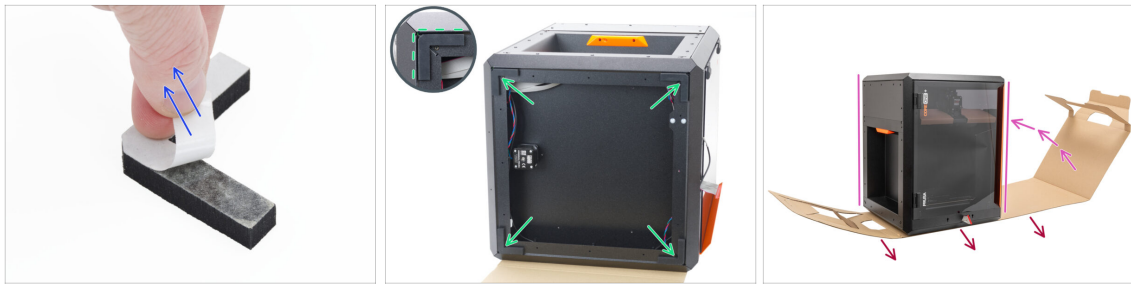
- Detach the two ends of the cardboard protective layer from each other by pulling the upper layer out.
- Fold down the cardboard protective layer away from the printer.

PASO 4 Anti-vibration feet: parts preparation



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

PASO 5 Sticking the anti-vibration feet



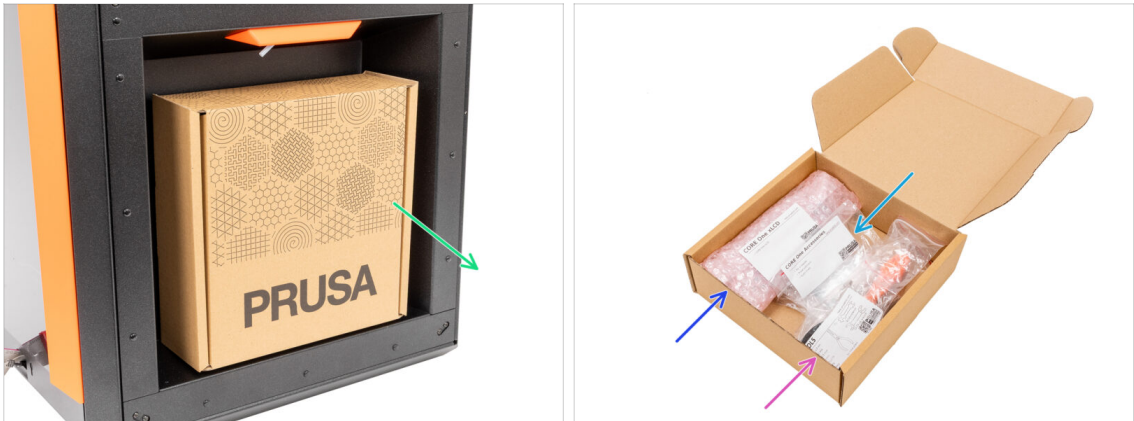
- ◆ Peel off the protective film from all anti-vibration feet.
- ◆ Stick one anti-vibration foot in each corner of the frame. Align it with the outer edge of the flat side of the profile.
- ◆ Carefully turn the printer to its "natural standing position" with the orange door handle on the right side.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

PASO 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.

PASO 7 Preparing the Tool pack

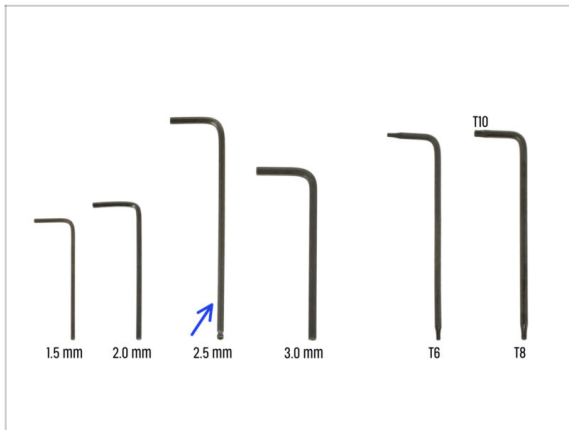


- The tool pack is located on the right side of the printer.
- Remove the cardboard tool pack from the printer.
- Open the tool pack completely. **Inside, you will find:**
 - xLCD assembly package
 - Accessories
 - Tools package - contents are described in the first chapter
- Keep the content aside for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

3. Mounting the xLCD



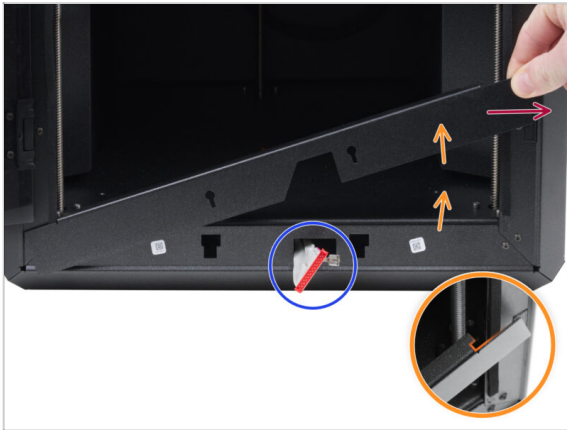
PASO 1 Tools necessary for this chapter



● For this chapter, please prepare:

● 2.5mm Allen key

PASO 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.

ⓘ 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.**

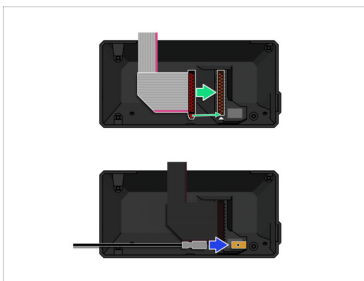
PASO 3 xLCD assembly: parts preparation



● For the following steps, please prepare:

● xLCD assembly (1x)

PASO 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!**

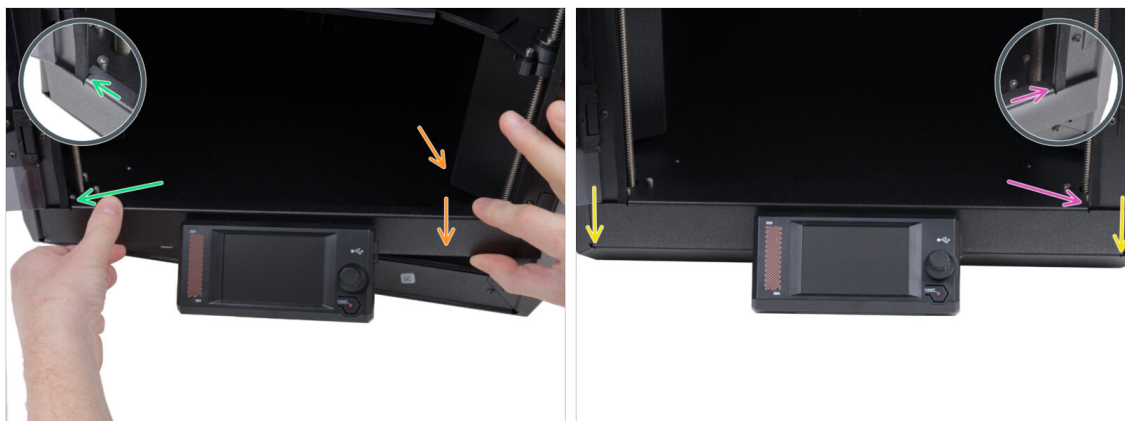
ⓘ For a better overview of the correct connection of both cables, see the illustrations.

PASO 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.

PASO 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.

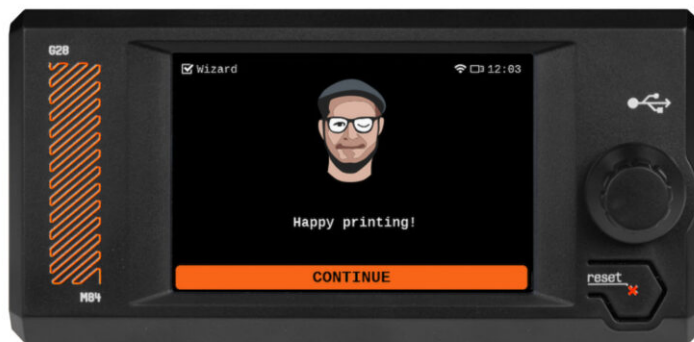
- Hook the left side of the bezel onto the left frame of the printer, ensuring the square cutout is securely attached to the frame.
- Slowly lower the right side into place as well.
- Secure the right side of the bezel onto the right frame of the printer, ensuring the square cutout is securely attached 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.

PASO 7 Peeling off the protectives

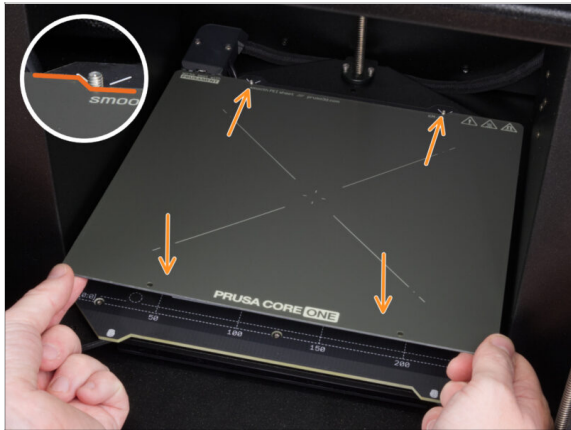


- Now, you can remove the protective films from the transparent panels on the printer.
- The protective film is located on the top, left, and right sides of the printer.
- We are almost there! Let's go to the last chapter: **4. Calibration & First run**

4. Calibración y Primer uso



PASO 1 Attaching the print sheet



i Este capítulo le guiará a través de la calibración y preparación de la impresora para su primer uso.

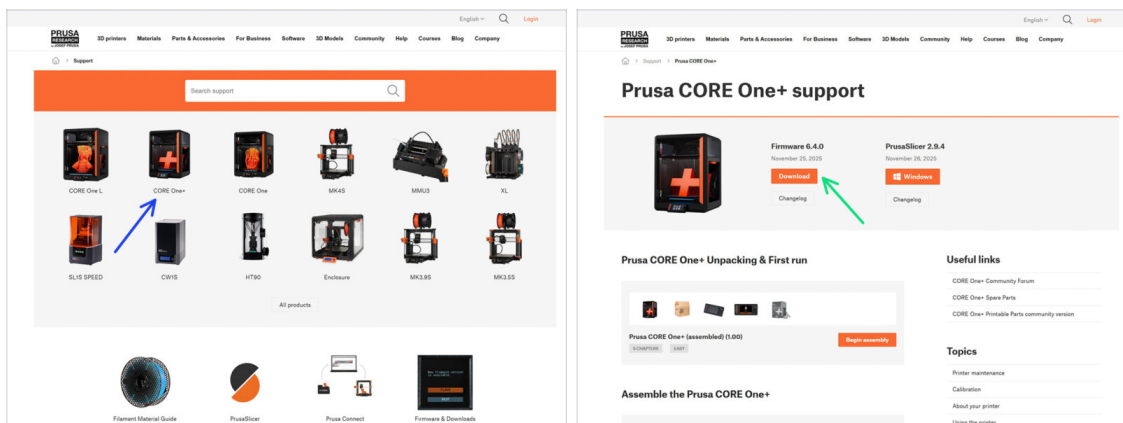
! **Asegúrate de que no haya nada sobre la base calefactable.** La base calefactable debe estar limpia. Cualquier suciedad puede dañar la superficie tanto de la base calefactable como de la lámina de impresión.

■ **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!**

■ Mantén la **lámina de impresión** limpia para un rendimiento óptimo.

■ #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.

PASO 2 Actualización de firmware



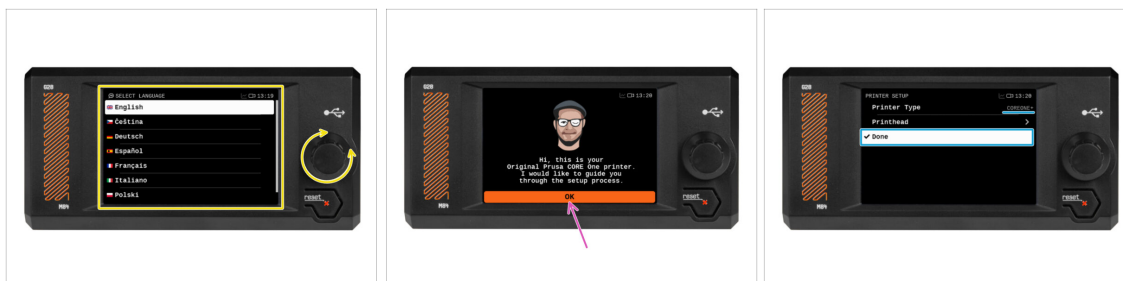
- ❗ Todos los packs de impresoras que se envían incluyen una unidad USB con el firmware más reciente. Sin embargo, se recomienda comprobar y posiblemente actualizar la versión del firmware.
- 🔧 Visita la página help.prusa3d.com.
- 🔵 Visita la página de la Prusa CORE One+.
- 🟢 Save the firmware file (.bbf) onto the bundled USB drive.
- ❗ Consejo pro: Para acceder a la página de inicio de la Prusa CORE One+ puedes utilizar la URL: prusa.io/core-one-plus

PASO 3 Encendiéndola



- 🟡 Inserta la unidad USB incluida en tu kit en la impresora.
- ❗ La unidad USB incluida contiene el archivo de firmware más reciente.
- 🟡 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.

PASO 4 Setting up the printer: Intro



- ◆ La impresora muestra en la pantalla un mensaje para seleccionar el idioma. Utiliza el dial de control o la pantalla táctil para establecer tus preferencias.
- ◆ Tras seleccionar el idioma, la impresora mostrará la pantalla de bienvenida. Pulsa **OK** para continuar con el proceso de configuración.
- ◆ La siguiente pantalla te pedirá que selecciones tu modelo de impresora. Dado que la Prusa CORE One ensamblada se prueba completamente en nuestras instalaciones, se ha preseleccionado COREONE+ durante estas pruebas. Pulsa **Listo** para continuar.

PASO 5 Setting up the printer: Network setup



- ◆ La pantalla de configuración de red te pedirá que te conectes a una red Wi-Fi utilizando nuestra aplicación móvil oficial Prusa.
 - i Lee más en prusa.io/app.
- ◆ Si seleccionas **No**, la impresora mostrará formas alternativas de conectarse al Wi-Fi. Este paso es opcional y puede realizarse más tarde.
 - i You can skip this screen and set up the network connection later.

PASO 6 Asistente: Intro



- ❗ La impresora te pedirá que realices selftests y calibraciones de todos los componentes importantes. El proceso completo dura unos minutos, aunque algunas partes requieren la interacción directa del usuario.
- 🔵 Aunque la impresora ha sido probada a fondo en nuestras instalaciones, recomendamos encarecidamente volver a ejecutar el self-test. Pulsa **SÍ** para iniciar el self-test.
- ⚠️ **Advertencia:** Durante el self-test, **mantén la puerta cerrada** hasta que se te indique. Abrir la puerta interrumpirá el proceso.
- ⚠️ **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!**

PASO 7 Asistente: Test Célula de carga



- El siguiente paso del asistente te pedirá que toques la boquilla para probar y calibrar la **Célula de carga**. Durante este procedimiento, las **partes de la impresora no se calientan**, puede tocar las partes de la impresora. Pulsa **Continuar**.
- i La calibración de la célula de carga requiere que la puerta esté abierta, ya que debe interactuar directamente en el interior de la impresora.
- 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**.

PASO 8 Asistente: Alineación de los Engranajes



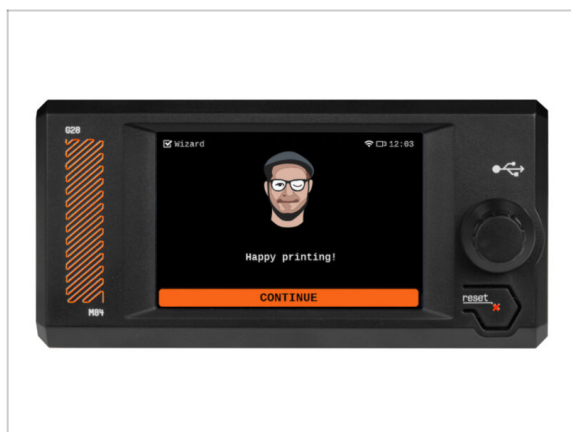
- La siguiente pantalla le pedirá que realice la calibración de la caja de engranajes. Este paso no es necesario para las impresoras pre-ensambladas de nuestra empresa.
- Pulsa Saltar para continuar.

PASO 9 Wizard - Filament Sensor Calibration



- ◆ Durante la calibración del sensor de filamento, tendrás que utilizar un trozo corto de filamento. Prepara el filamento y selecciona **Continuar**. No debe haber filamento en el interior del extrusor antes de iniciar el proceso de calibrado.
- ❗ No debería de haber filamento dentro del extrusor antes de que comience el proceso de calibración.
- ◆ 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.

PASO 10 Asistente finalizado



- ◆ ¡Felicidades! El Asistente está completo. Ahora es el momento de probar algunas impresiones.

PASO 11 Manual



- Lee el **Manual de impresión 3D** dedicado a tu impresora y sigue las instrucciones para configurar la impresora y prepararla para tu primera impresión.

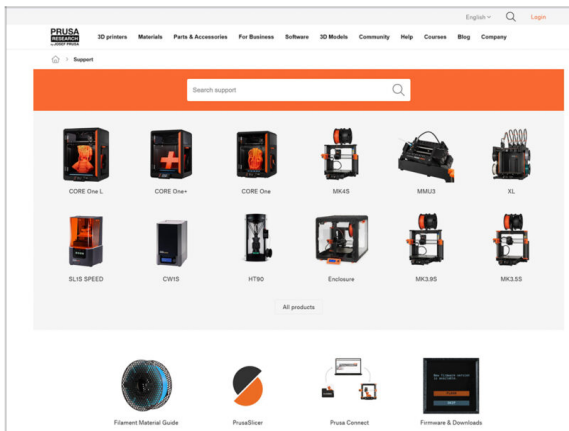


La última versión siempre se puede encontrar en prusa.io/core-one-plus.



Read the Disclaimer and Safety instructions chapters.

PASO 12 Base de conocimientos Prusa

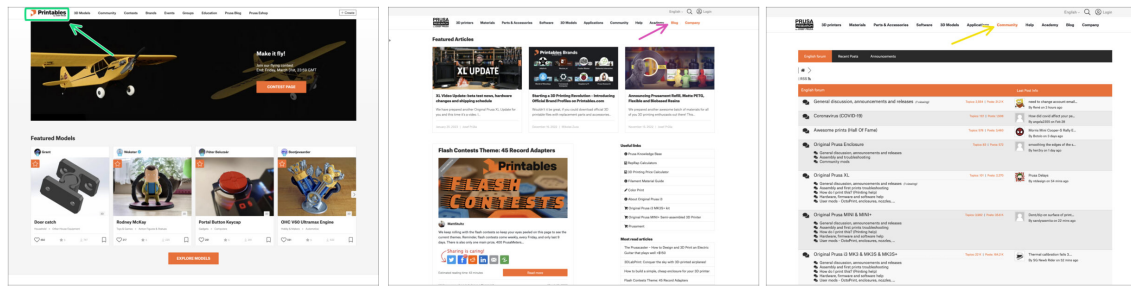


Si te encuentras con algún problema de cualquier tipo, no te olvides que siempre puedes revisar nuestra base de conocimientos en help.prusa3d.com



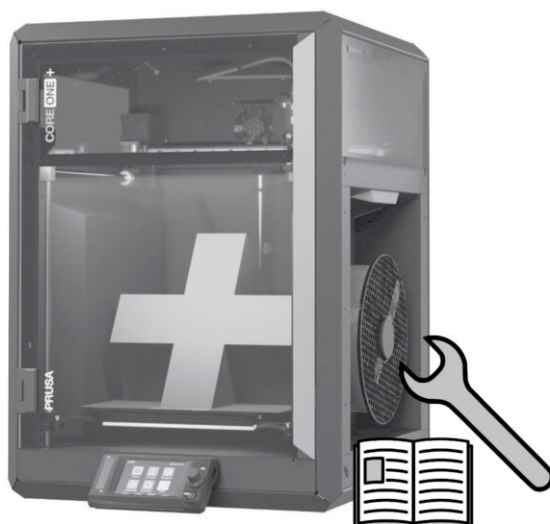
¡Añadimos nuevos temas todos los días!

PASO 13 ¡Únete a Printables!



- ◆ ¡No olvides unirte a la mayor comunidad de Prusa! Descarga los últimos modelos en STL o código G a la medida de tu impresora. Regístrate en [Printables.com](https://www.printables.com)
- ◆ ¿Buscas inspiración en nuevos proyectos? Consulta nuestro blog con actualizaciones semanales.
- ◆ Si necesitas ayuda durante el montaje, échale un vistazo al Foro con su fantástica comunidad :-))
- i All Prusa services share one user account.

Lista de cambios del manual



PASO 1 Historial de versiones



- **Versiones del manual de la Prusa CORE One+ (ensamblada):**
- 11/2025 - Versión inicial 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, typical of standard notebook or composition paper. 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 its entire width, providing a guide for handwriting or typing. The background is a clean, solid white color. There are no margins, text, or other markings present on the page.

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