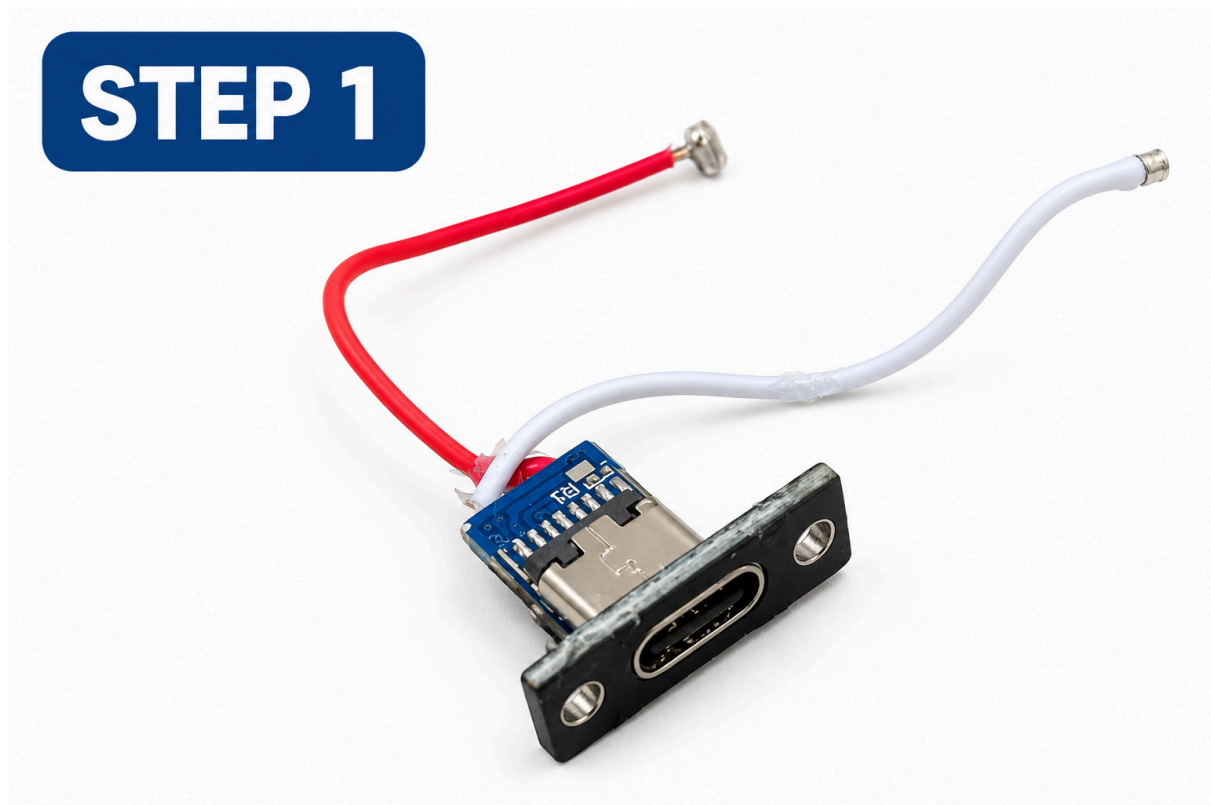


STEP 1 — USB Socket

For this lamp, I use the USB socket shown in the picture. It provides a simple and convenient way to connect the lamp to a power source. The model files are designed to fit this connector properly.

If you are using a different type of USB socket, don't worry — the files also include an alternative version designed for another connector type.



STEP 2 — LED Strip

For this lamp, I use a **5V LED strip** because the lamp is designed to be powered by a standard phone charger. This makes the setup simple and convenient, without the need for a separate power supply.

I use a **white LED strip**, but feel free to experiment with different colors. I think a **warm yellow or orange LED strip could create an even better effect**, especially for a realistic glowing brake-disc look.

You can experiment with the lighting and choose the color that works best for your build.

STEP 2

LED Strip



STEP 3 — Attach the LED Strip and Connect the Socket

This step is very simple. Stick the **LED strip around the inner groove** of the lamp, making sure it sits evenly all the way around.

Then connect the LED strip to the **USB socket from Step 1**. Make sure the positive (+) and negative (–) wires are connected correctly.

Once everything is connected, you can briefly test the LEDs to make sure everything works before continuing with the assembly.

STEP 3

Attach the LED strip and connect the socket.



STEP 4 — Wires for the Caliper Lighting

Now add **two extra wires** to the LED strip. These wires will be used later to power the **LED inside the brake caliper**.

Solder one wire to the **positive (+)** contact and the other to the **negative (-)** contact, as shown in the picture. Make sure the connections are secure and leave enough wire length to comfortably reach the caliper.

These wires will be connected to the caliper LED in the next steps.

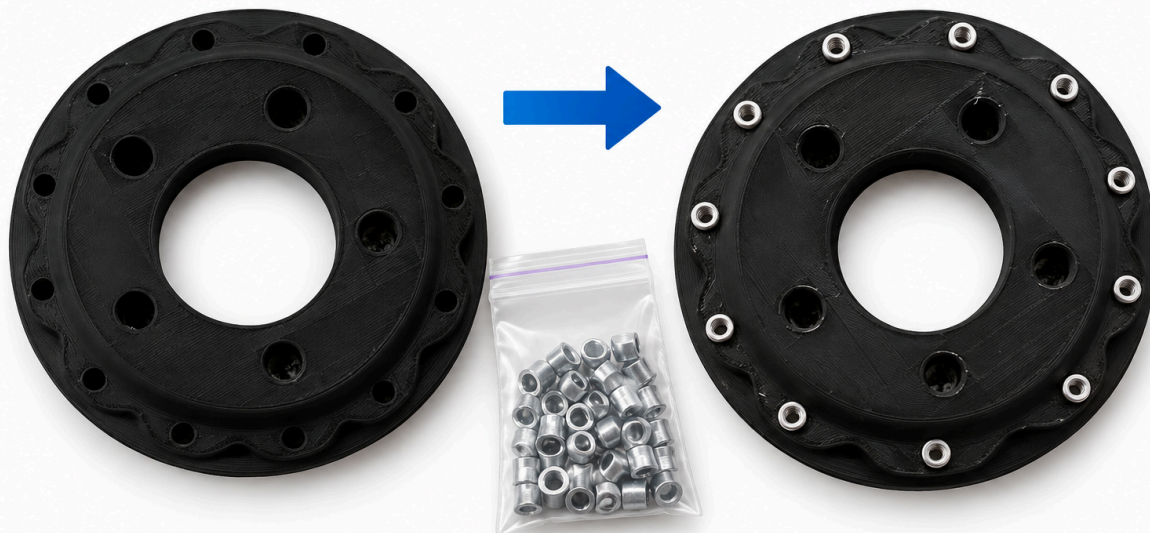
STEP 4

Two wires for the caliper lighting.

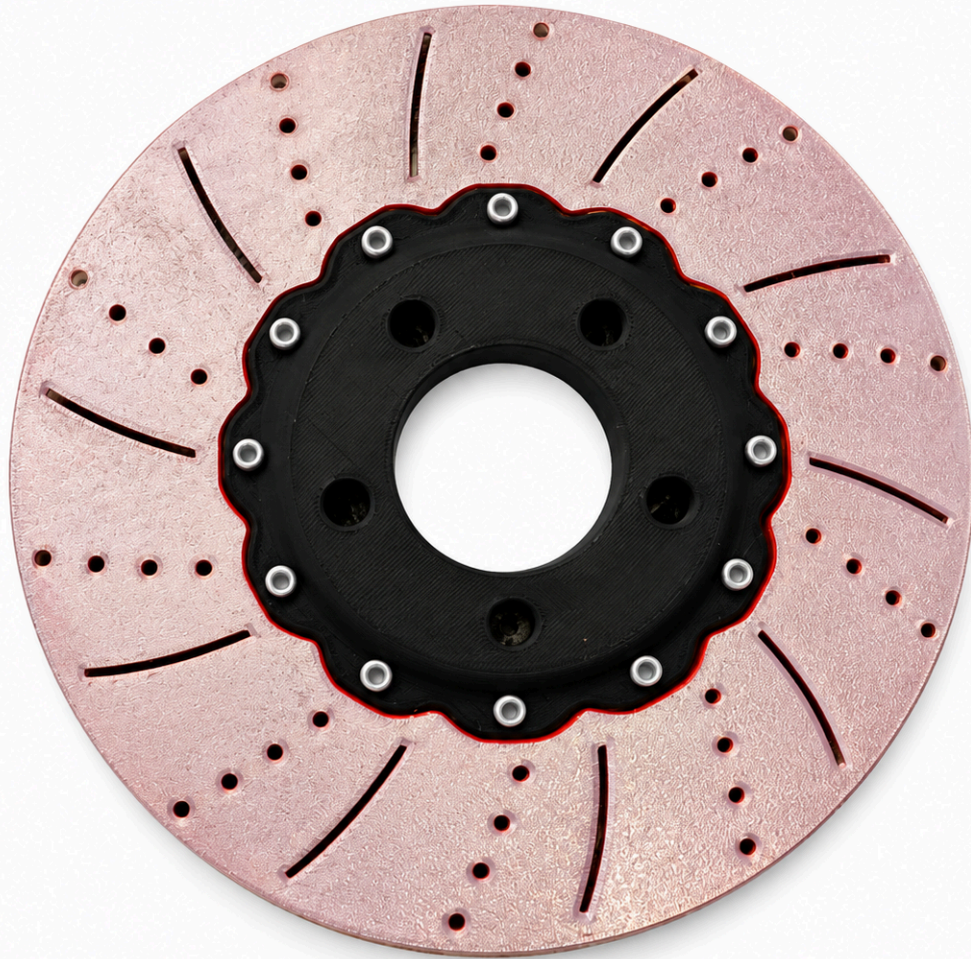


STEP 5

Insert the metal inserts into the holes.



STEP 6



STEP 7

Add LED strip for caliper.



STEP 8

Add caliper.



STEP 9

Choose your favorite car brand.



STEP 9

Place it on the stand,
plug it in and you're done.

