

How to replace the LED

The LED is where the 3D printer projects UV light through the LCD and cures the resin. The LED may need to be replaced after some time. In the following article, we have divided the post into 2 parts: removing the old LED and installing the new LED.

SONIC MINI 4K

Removing the Old LED:

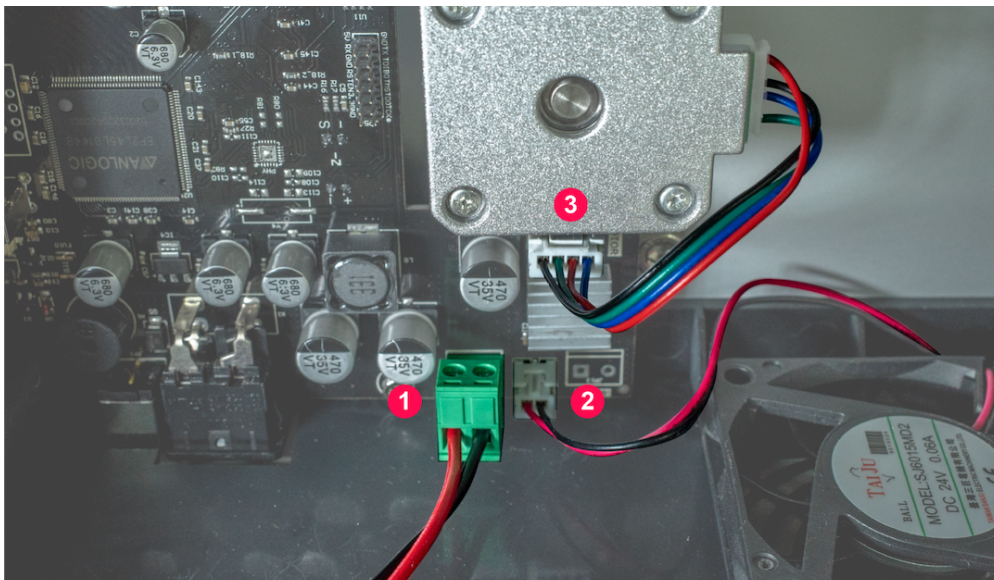
Step 1: Remove the plastic cover, the vat, and the building plate.

Step 2: Make sure the building plate on the Z-axis is retracted completely. If it isn't, click TOOLS, and then click MANUAL, click on 10mm several times.

Step 3: Turn off the 3D printer and unplug the power cable.

Step 4: Flip the 3D printer and remove the printer's bottom with an m3 Allen wrench which is included in the toolbox.

Step 5: Remove the ❶ LED cable from the mainboard.



Installation of the New LED:

Step 1: Install the new silver plate with the new LED.

Step 2: Connect the LED cable to the mainboard.

Step 3: Place the bottom back onto the 3D printer and tighten the screws.

Step 4: Turn the LCD 3D printer upright. Plug in the power cable, and turn on the 3D printer.

Step 5: Perform the LCD test to ensure that the LED works properly.