

# The Dragon

## 3D MODEL DESCRIPTION

A dragon's breath is deadly, sure. But look on the bright side! Literally, I mean. It makes your room much brighter.

- This STL file is recommended for FDM Printers!
- **3D Printing Time:** 21 Hours 09 Minutes
- **Approximately Height:** 17 cm

## 3D PRINT FILE SETTINGS (FOR 0.4 MM NOZZLE)

- **Line Width/ Nozzle:** 0.4 mm
- **First Layer Line Width:** 0.48 mm / 120%
- **Average Speed:** 20mm/s (First Layer) / 50mm/s (All the other layers) | 20 mm/s (First Layer) / 500 mm/s (All the other layers on Bambu Lab)
- **Recommended Initial Layer Height:** 0.20 mm
- **Recommended Layer Height:** 0.20 mm
- **Recommended Perimeters/ Walls:** 3.
- **Recommended Infill (%):** 10% (Gyroid)
- **Needs Support:** Yes.
- **Build Plate Adhesion:** Skirt.

The parameters above are recommendations made by our staff; if you prefer, you can adapt them according to your preferences.

*Happy Printing!*



### 3D MODEL ASSEMBLY INSTRUCTIONS

In order to assembly this print you will need the materials below:

LED Lights (FLAT TOP)

On-Off Switch

Solder

Soldering Iron

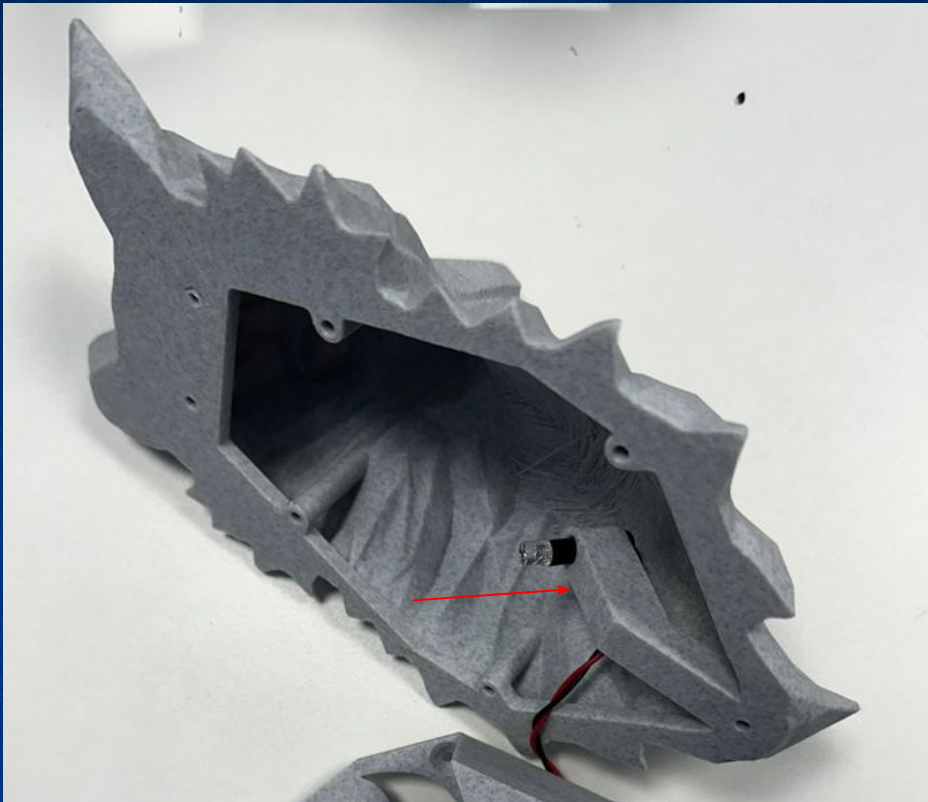
Electric Wire

Electrical Plug (2.1mm DC Jack 12V)

Power Supply (12V 1A)

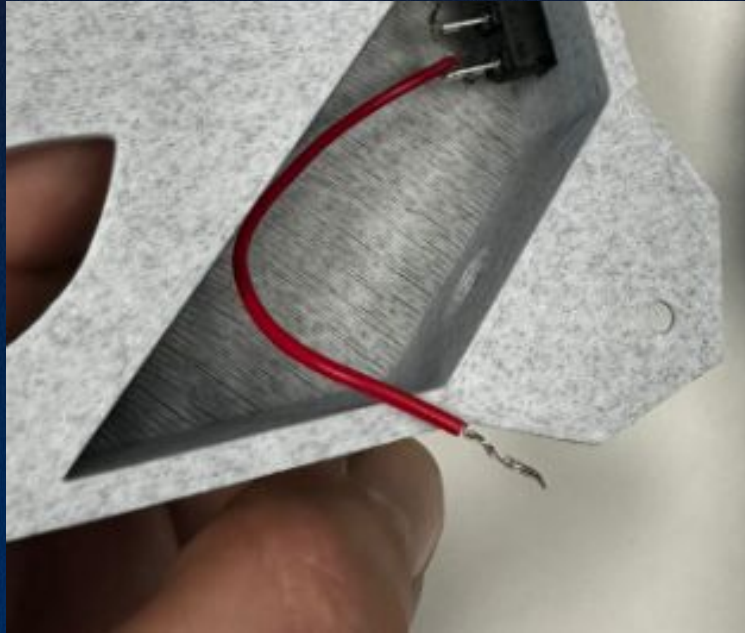
Electrical Tape

1- Thread the LED Flat Top through the front part of the LED support, according to the picture.

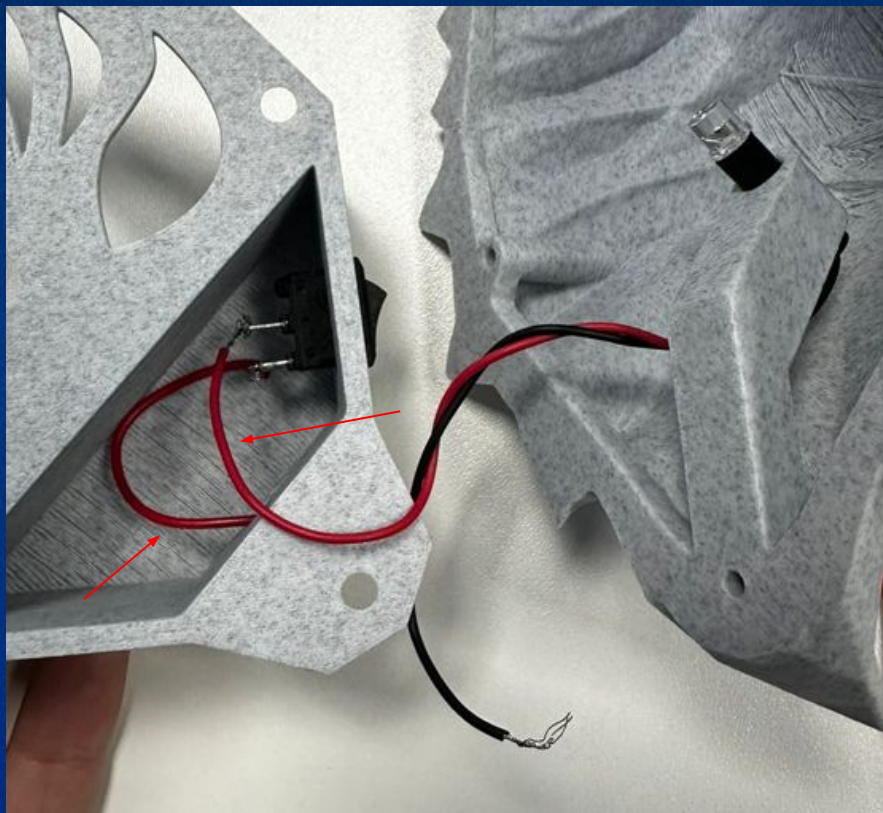




2- Cut a 6 cm piece of wire and attach one of its ends to the on/off switch.

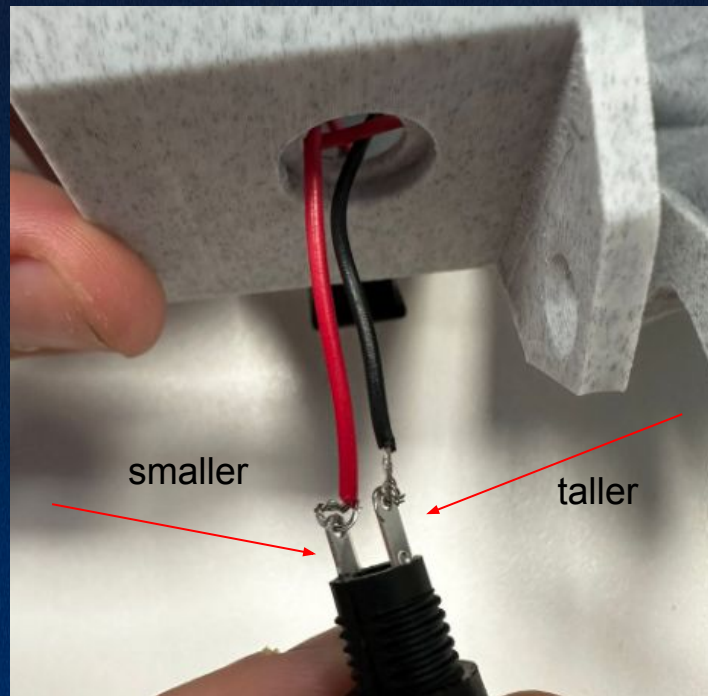


3- Place the on/off switch on its designed place on the printed model, then connect the red LED wire to the remaining side of the on/off switch.





4- Place the 12V plug on its designed place on the printed model and connect the red wire from the on/off switch onto the smaller side of the plug. Then, connect the black LED wire on the taller side.



5- Secure the back with 3x14mm screws.

