



# Steelseries Rival 700 Gaming Mouse Disassembly

Written By: Vincent Monteil



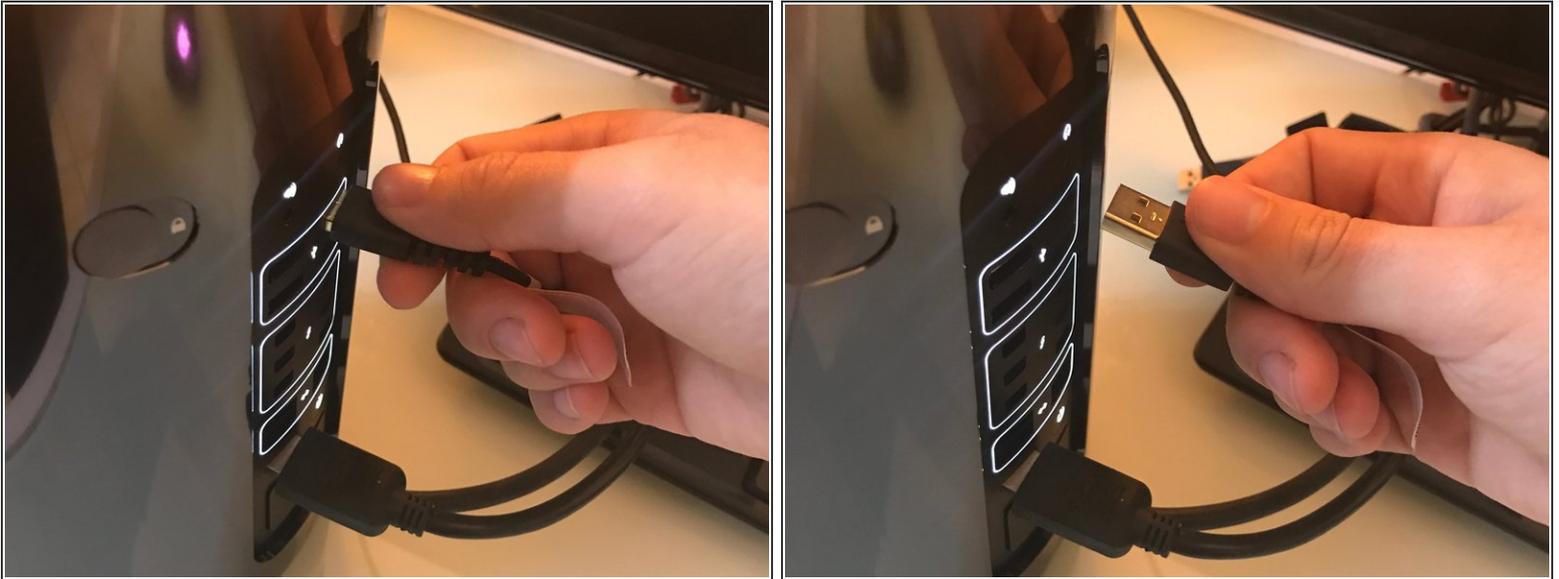
**TOOLS:**

- [Phillips #0 Screwdriver \(1\)](#)

**PARTS:**

- [Steelseries Rival 700 Nameplate \(1\)](#)
- [Steelseries Rival 700 Top Cover \(1\)](#)
- [Steelseries Pixart 9800 Laser Sensor \(1\)](#)

## Step 1 — Disconnect the mouse from your computer



- To avoid electronically damaging either your computer or your mouse, unplug the usb cable from its socket.

## Step 2 — Disconnect the cable from the mouse



- The Rival 700 mouse is a non wireless mouse. The micro-USB cable end is an elbow socket, secured by a plastic clip.
- To **disconnect** the cable from the mouse, firmly press the plastic clip using your thumb

### Step 3 — Nameplate removal



- The original nameplate is a soft rubber one that can be removed just by pulling it softly out of its socket.
- **WARNING:** When reassembling, if you're using a custom nameplate that may not be as stretchable as the original one, insert it softly, and use a lime tool on the new part to avoid damaging the mouse socket.

## Step 4 — Nameplate printing



- You will be able to download the 3D files to design a custom nameplate on the Steelseries website. The link is also provided in the part description.
- On this picture, the original "RIVAL" nameplate will be replaced with a new one on which i just had my Twitch ID printed.
- Be creative, use colored plastic, put logos and drawings on your mouse.

## Step 5 — Top cover removal



- Use both your index and thumb to gently pry the top cover out from the mouse.
- This part is a thin plastic one which needs a certain amount of strength to be removed. Be careful not to break it.

## Step 6 — Top cover replacement



- Steelseries sells a set of two different covers to replace the original one, with a sweat-resistant one f.e.
- Check the parts section for the purchase link.
- On the left, you can see on the wide led slot that is used to color the Steelseries logo on your mouse.

## Step 7 — Sensor screws



- Use a Philips #0 screwdriver to remove the four screws that are keeping the mouse sensor assembly sealed.

## Step 8 — Sensor removal



- Insert your thumb and index in the two mouse holes and gently pry the sensor assembly out from its socket.

## Step 9 — Sensor socket



- The sensor assembly is linked to the mouse body with a 10-pin Steelseries custom connector.

## Step 10



- Only four screws have to be removed to entirely re-design this gaming mouse, which is not that expensive regarding the high performance, features, and customizability.

To reassemble your device, follow these instructions in reverse order.