Steelseries Rival 700 Gaming Mouse Sensor Assemby Replacement

The mouse is provided with a high performance PixArt PMW3360 optical sensor assembly that can be easily replaced with a Pixart 9800 Laser Sensor, depending on your needs.

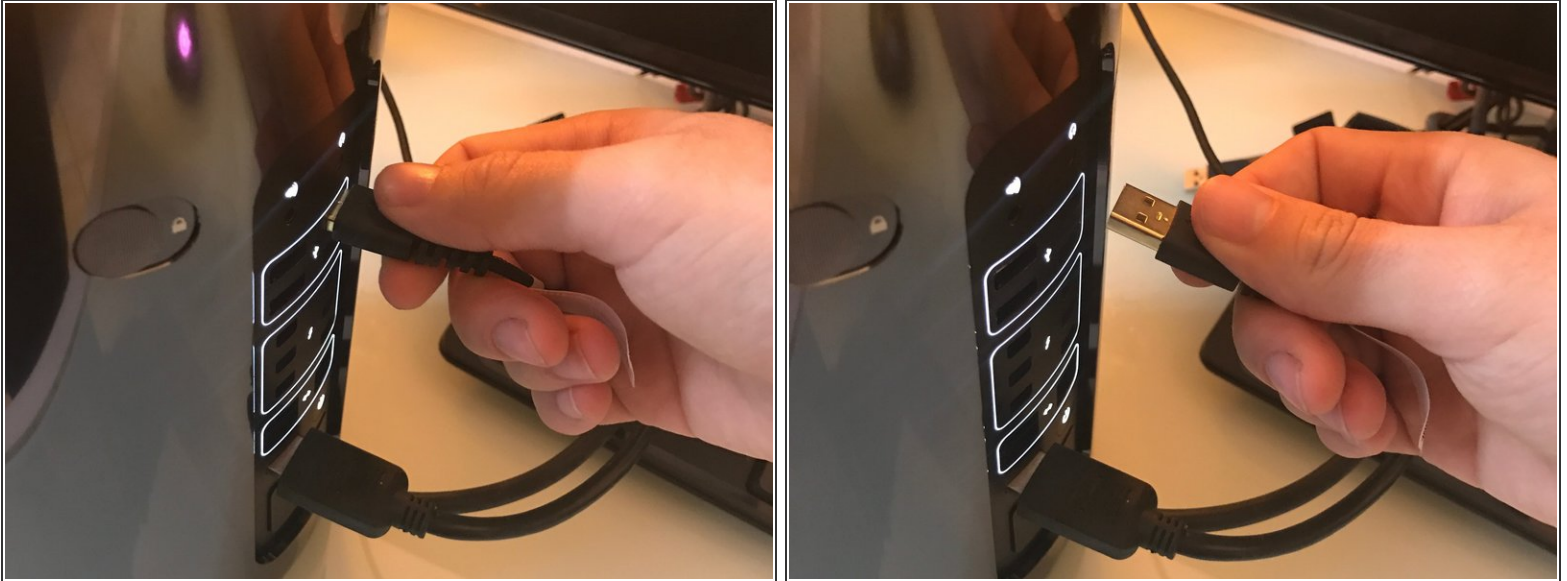Written By: Vincent Monteil

INTRODUCTION

The mouse is provided with a high performance PixArt PMW3360 optical sensor assembly that can be easily replaced with a Pixart 9800 Laser Sensor, depending on your needs.

⚙ ## PARTS:

- Steelseries Rival 700 Nameplate (1)
- Steelseries Rival 700 Top Cover (1)
- Steelseries Pixart 9800 Laser Sensor (1)

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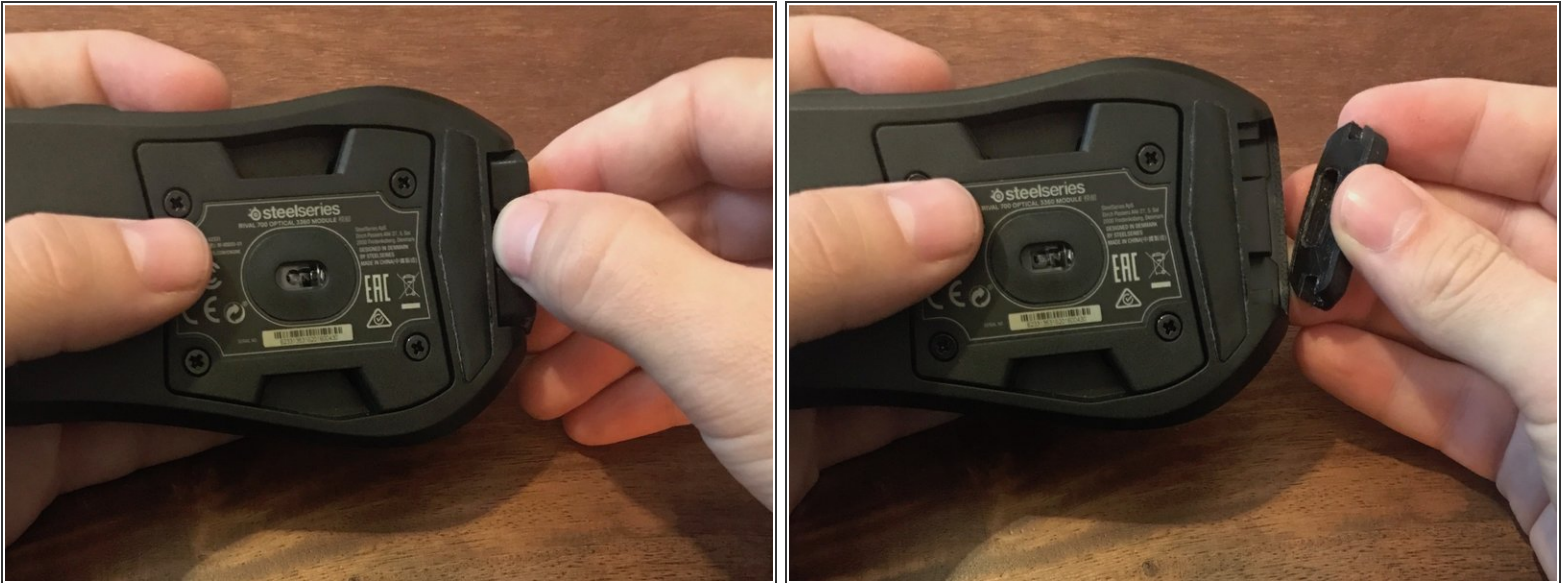## Step 1 — Disconnect the mouse from your computer

- 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.

- **<u>WARNING</u>**: 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.

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Step 8 — Sensor removal

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

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