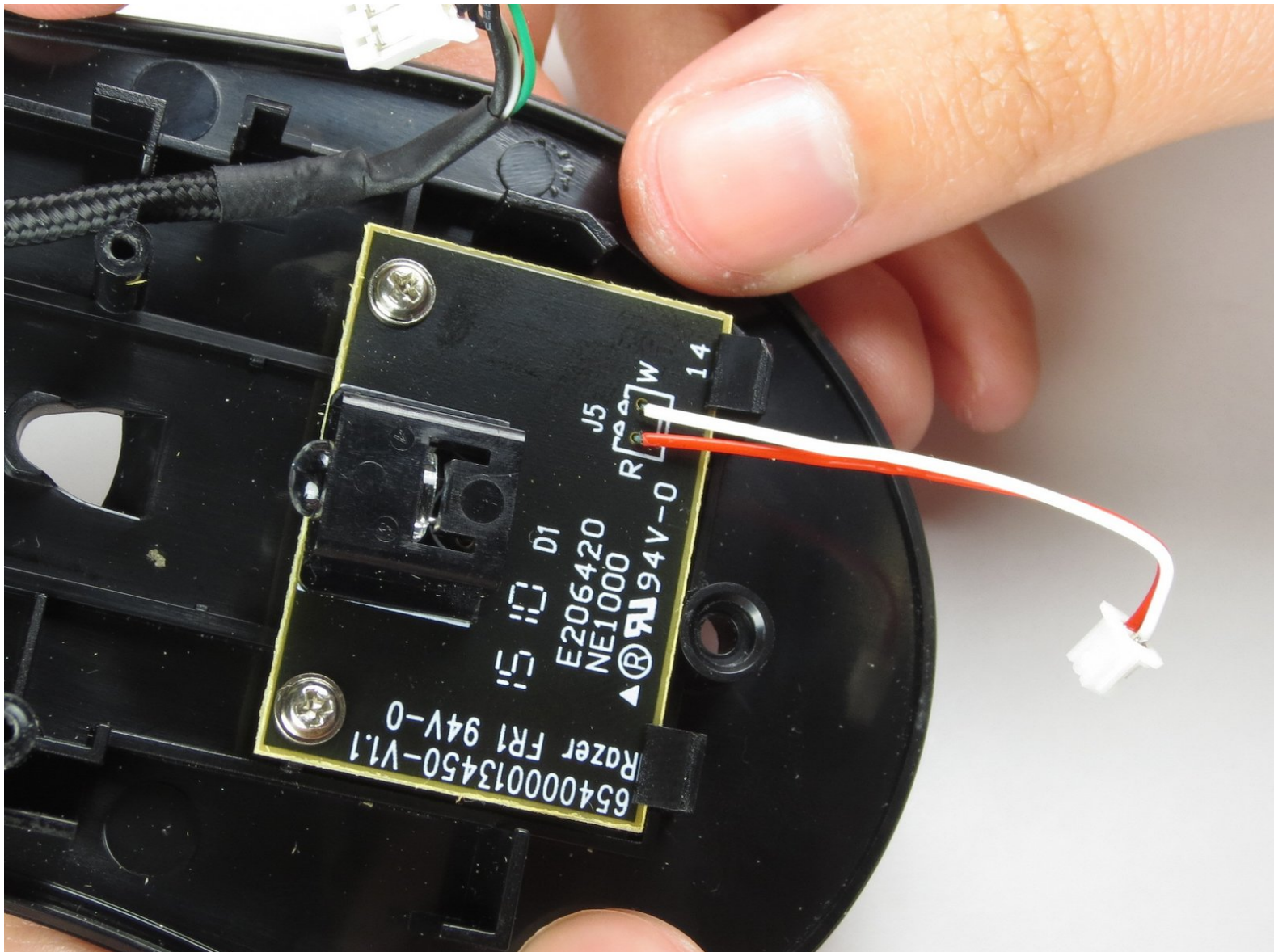# Razer DeathAdder Chroma Optical Sensor Replacement

This guide will inform you how to replace the optical sensor for the Razer DeathAdder Chroma.

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INTRODUCTION

The optical sensor for the Razer DeathAdder Chroma is a crucial component for the device's operation. A critical failure of the optical sensor will necessarily require a replacement.

🔧 TOOLS:

- Spudger (1)
- Phillips #0 Screwdriver (1)
- Phillips #000 Screwdriver (1)

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Step 1 — Outer Casing

- ⓘ Opening the mouse casing will void any warranty that exists for the mouse.

- ● Turn the mouse over so the bottom is facing up.

Step 2

- ● Use the blunt end of the spudger to pry the adhesive rubber pads from the top left and right edges.

Step 3

- Use a Phillips #0 screwdriver to remove two 6.7 mm screws.

Step 4

- Use your fingers to identify the location of the screw under the bottom label.

Step 5

- Use a Phillips #0 screwdriver to remove one 6.7 mm screw.

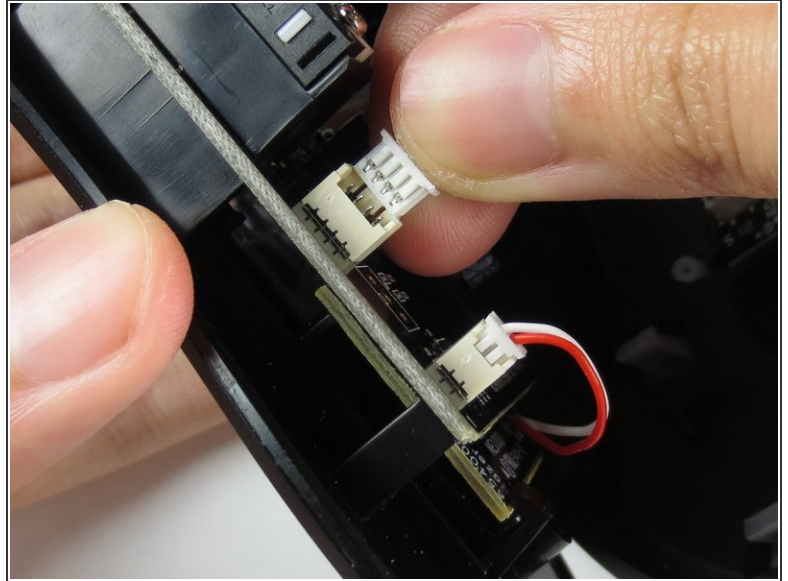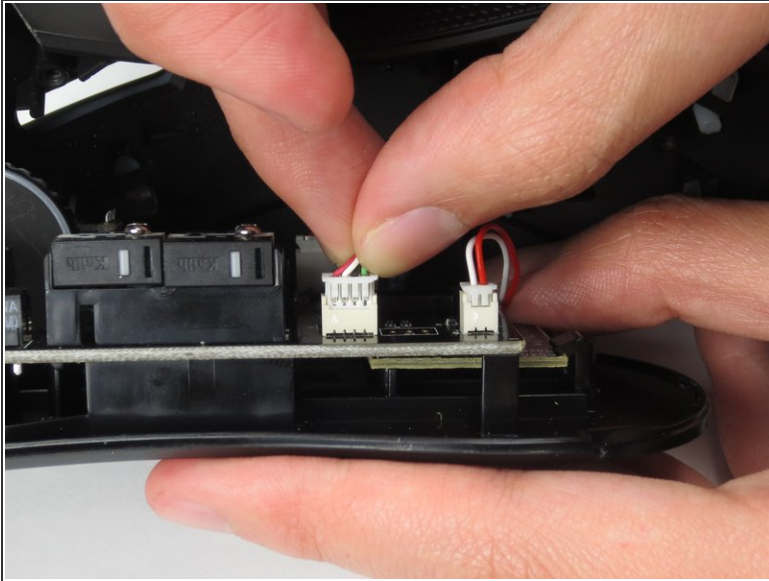- (i) Clear the label away from around the screw for easier removal.

Step 6

- Turn the mouse over so the bottom is facing down.

- Separate the top casing from the bottom base by pulling the top casing upwards.

- ⚠ Separating the casing too quickly could damage the ribbon connector between the motherboard and the LED lights.
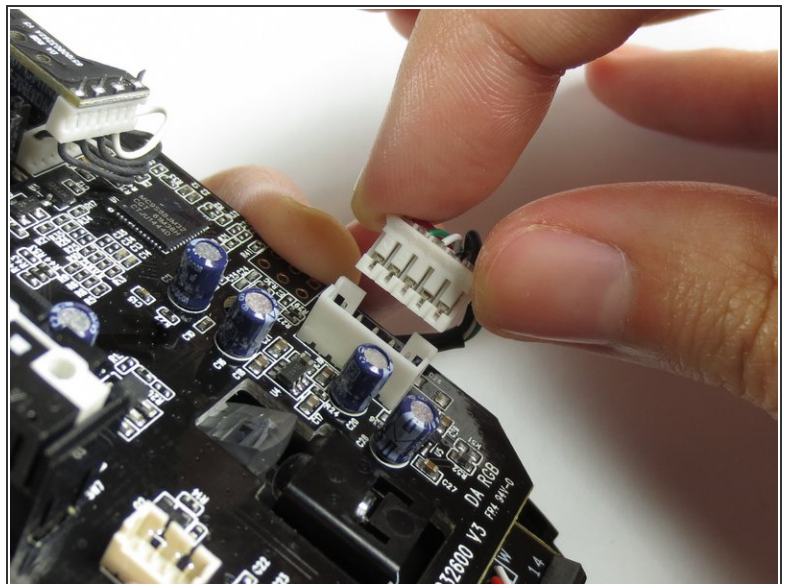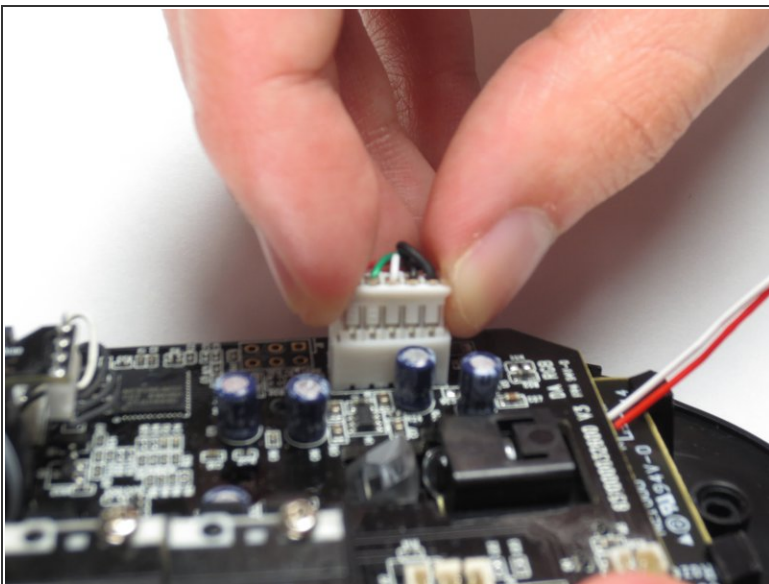
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Step 7

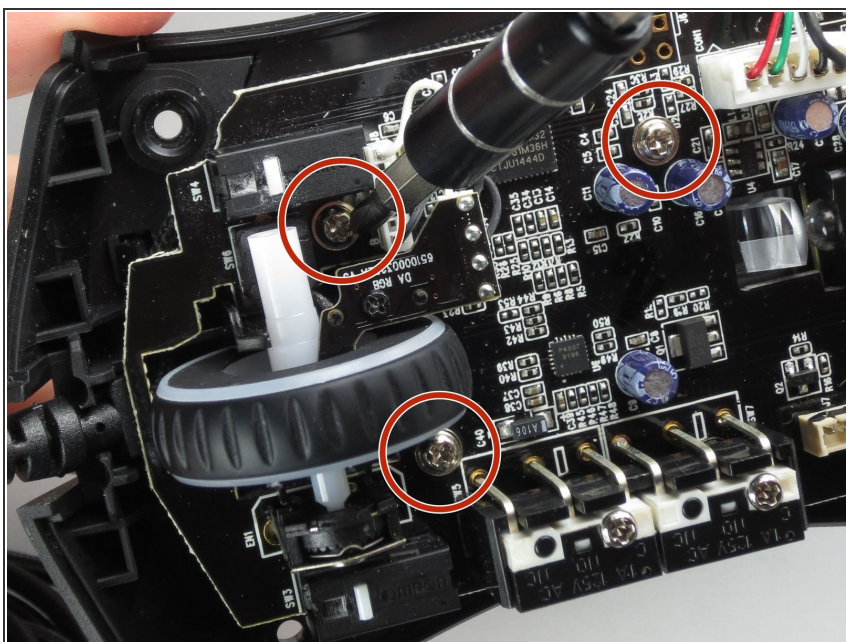- Disconnect the ribbon connector between the motherboard and the LED lights by pulling upward.

⚠️ Pulling too hard could damage the wire connections.
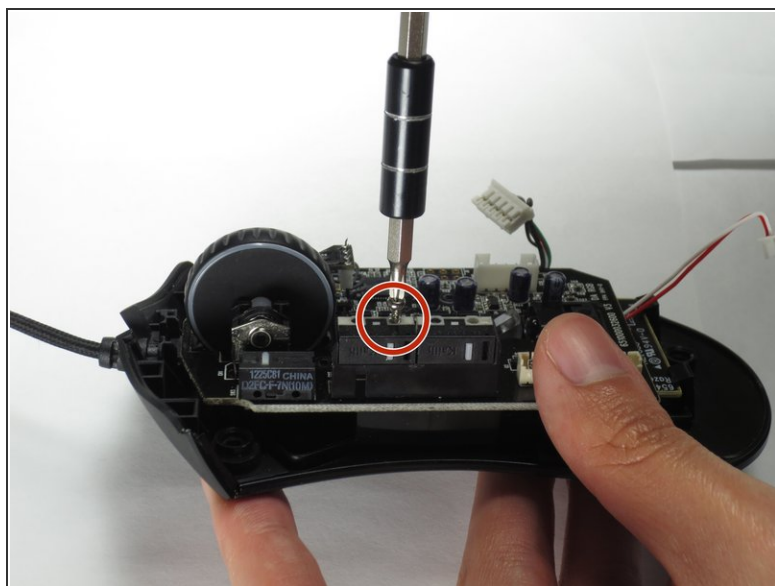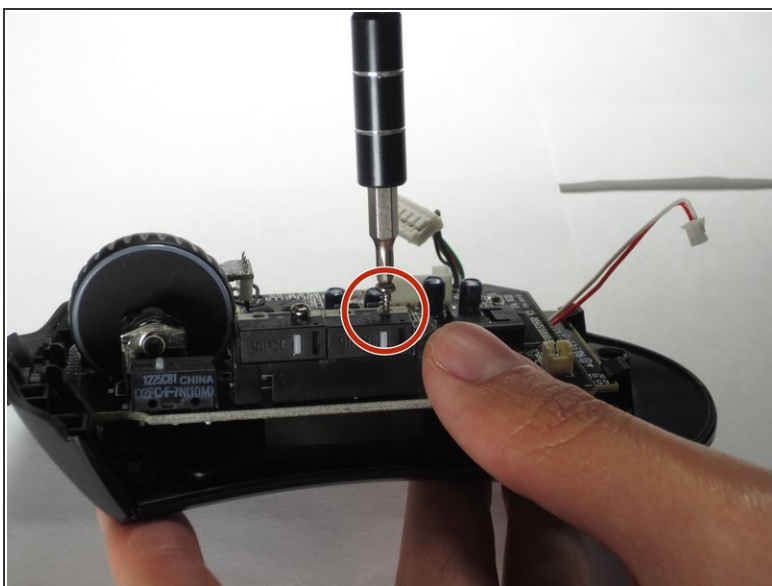
Step 8 — Motherboard

- Disconnect the ribbon connector between the motherboard and the USB cable by pulling upward.

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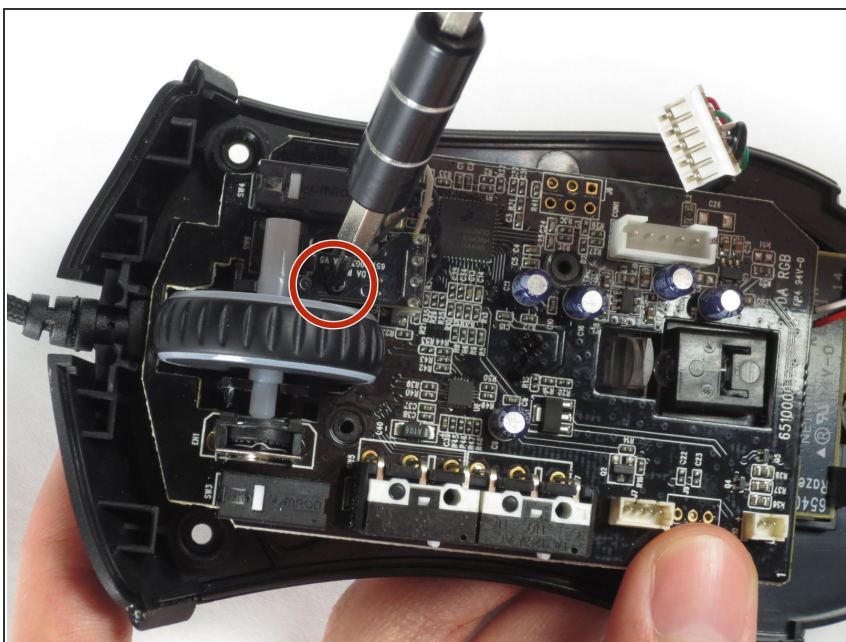
Step 9

- Use a Phillips #0 screwdriver to remove three 5.5 mm screws.

Step 10

- Use a Phillips #0 screwdriver to remove two 11.5 mm screws on the side buttons.

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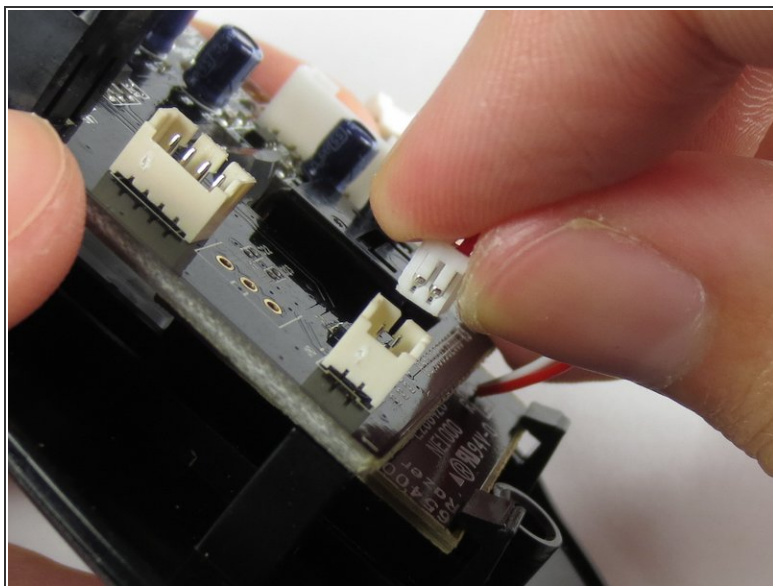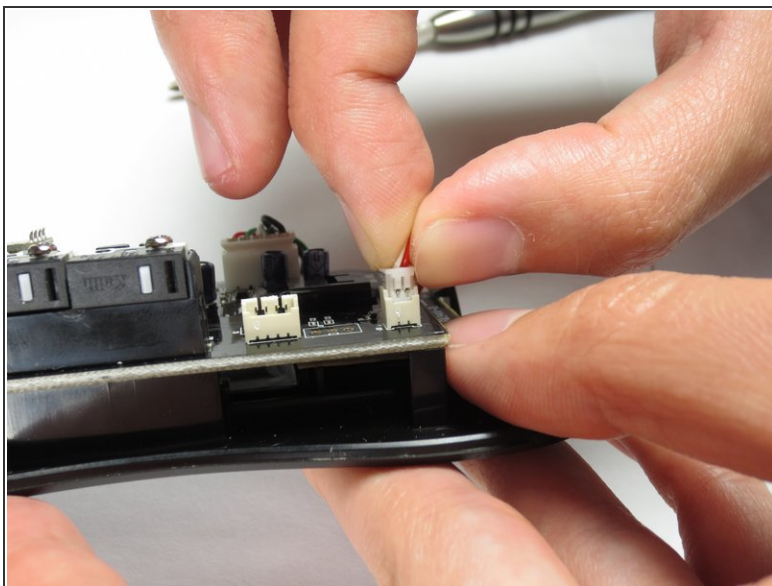
Step 11

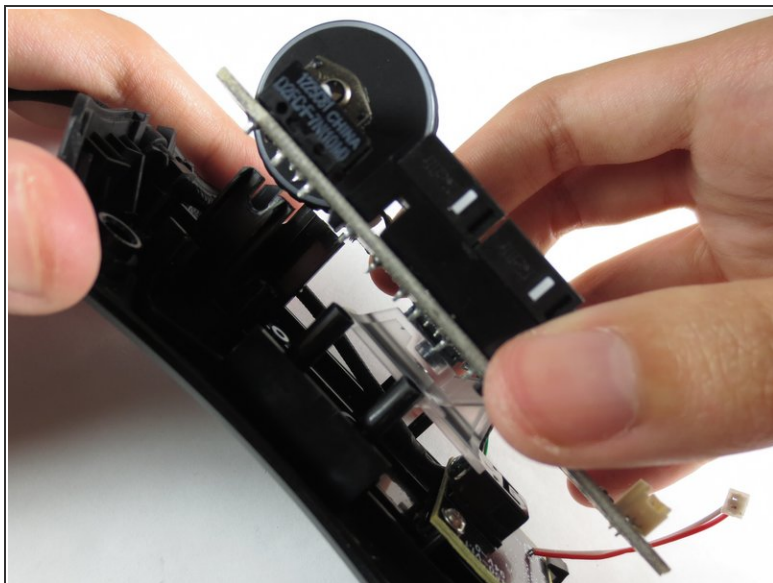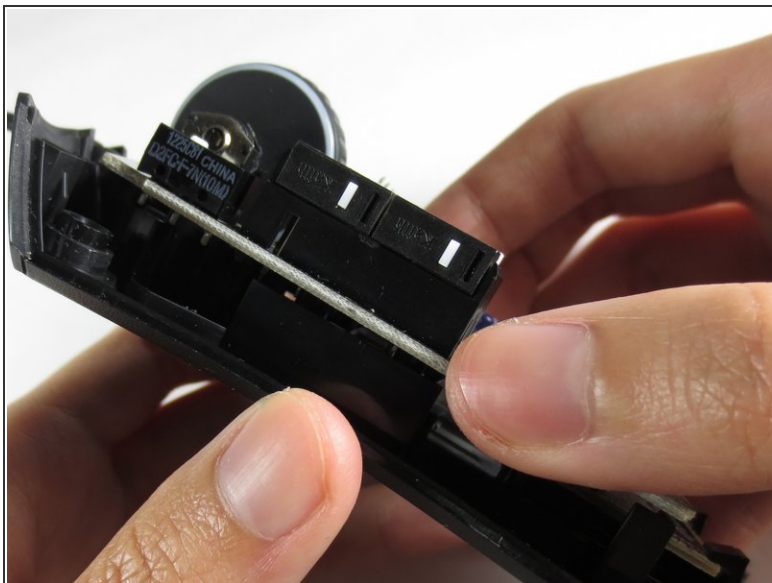- Use a Phillips #000 screwdriver to remove one 5.0 mm screw.

Step 12

- Disconnect the ribbon connector between the motherboard and the optical sensor.

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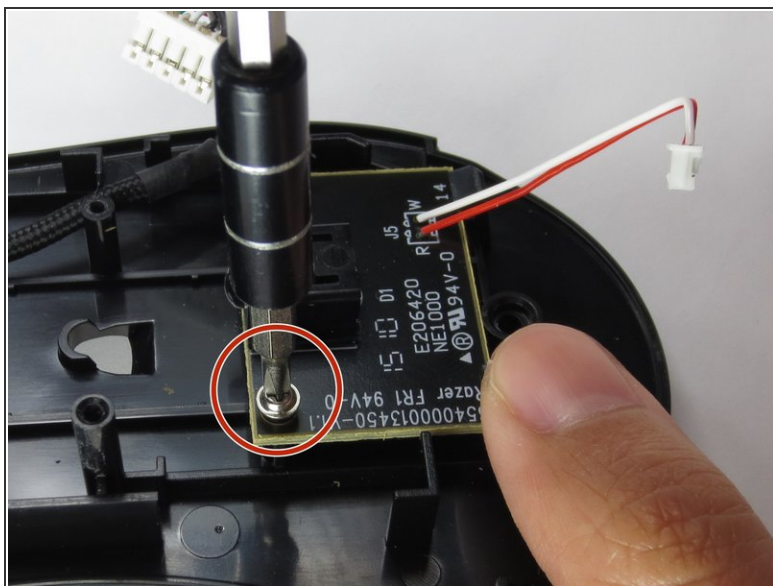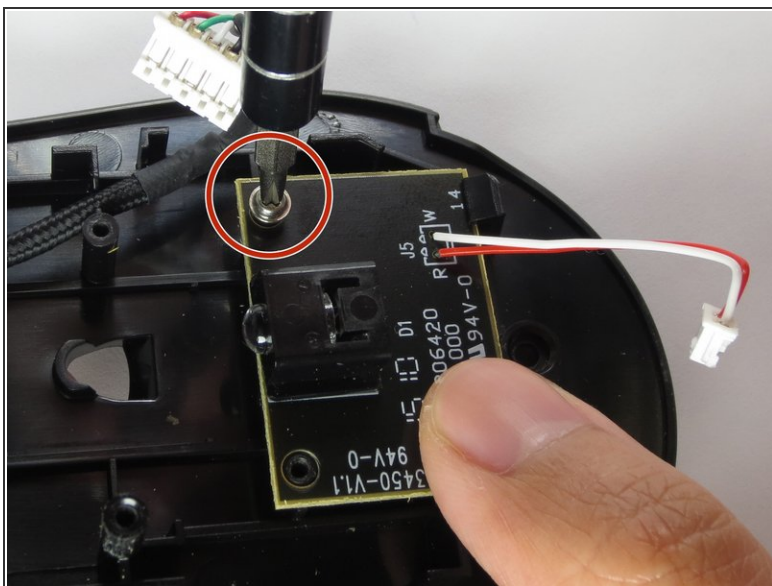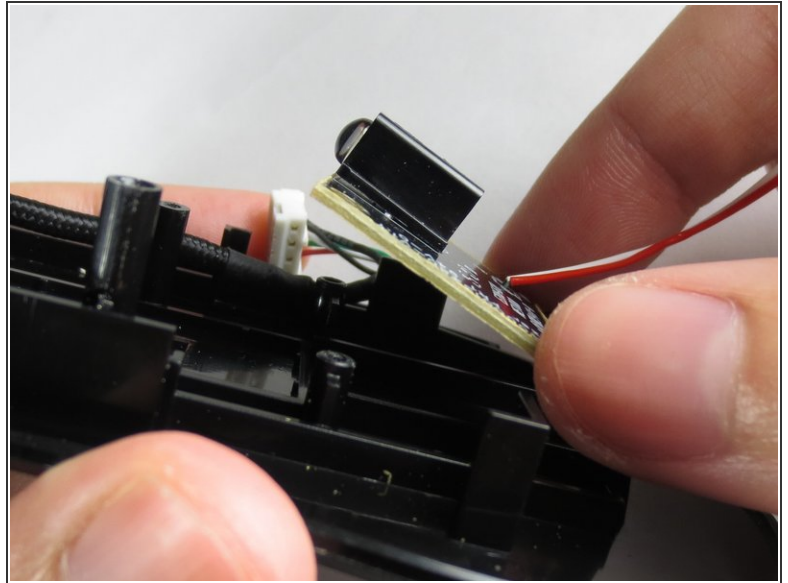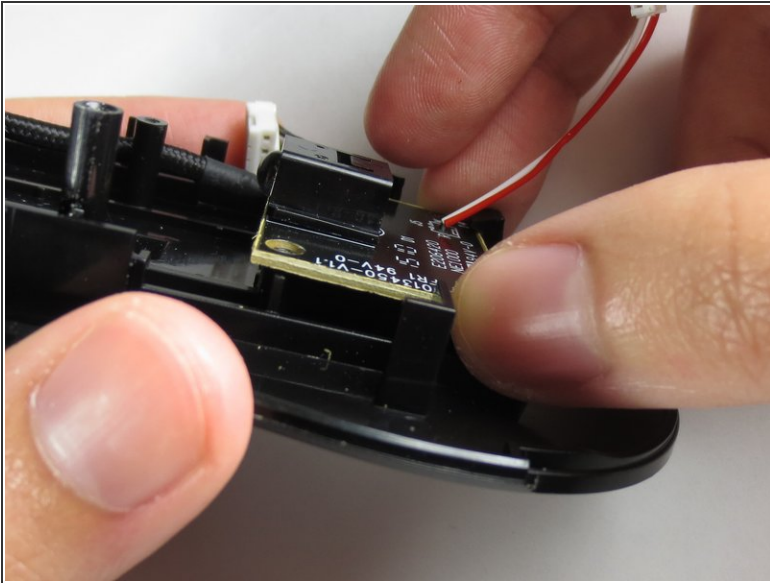www.iFixit.com

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Step 13

- Remove the motherboard by grasping the sides and gently pulling upward.

Step 14 — Optical Sensor

- Use a Phillips #0 screwdriver to remove two 5.5mm screws.

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Step 15

- Remove the optical sensor by pulling it forward and up.

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