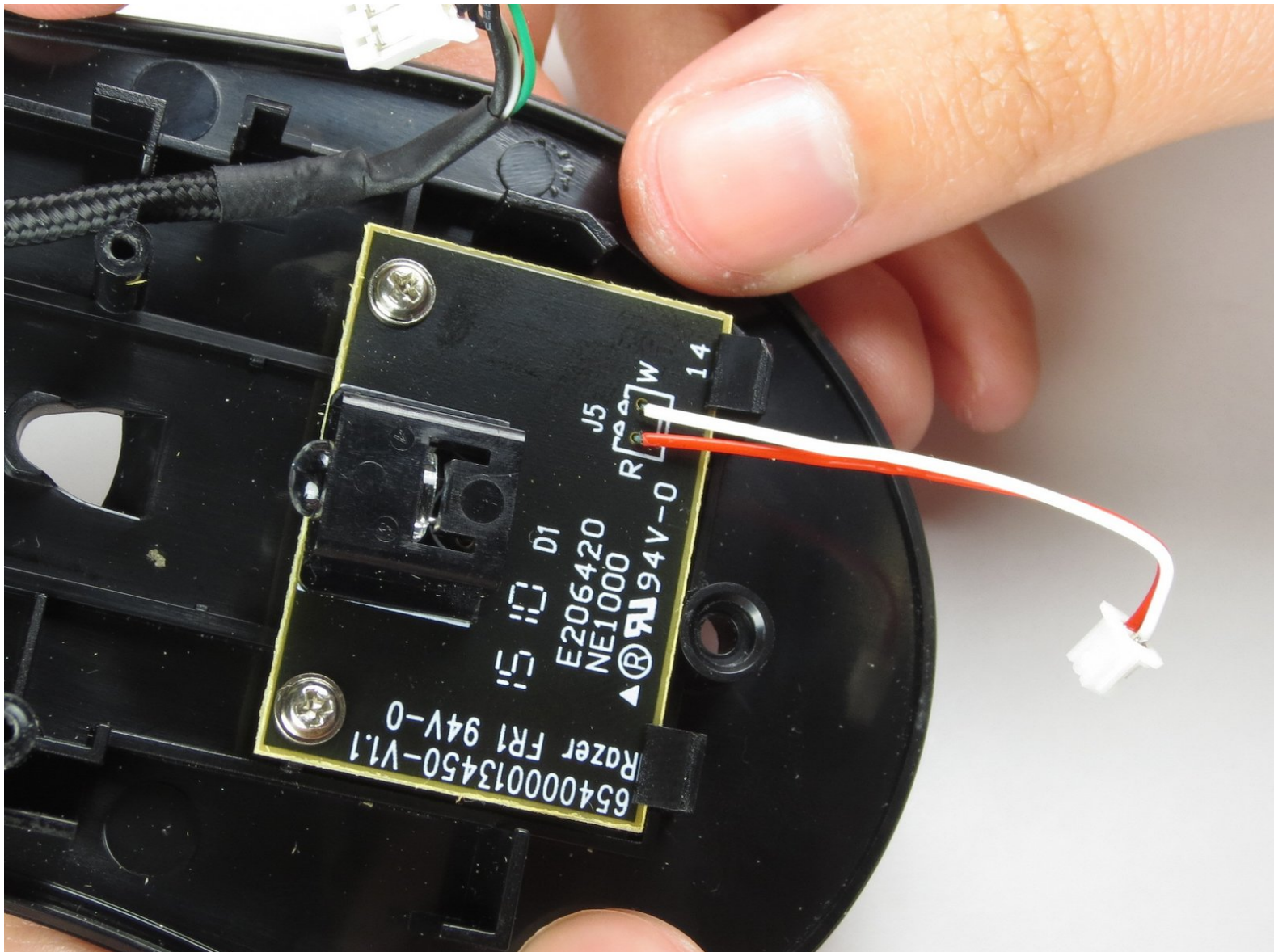![iFixit logo]

Razer DeathAdder Chroma Optical Sensor Replacement

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

Written By: Nathan D. Kappler

This document was generated on 2020-11-24 04:49:00 PM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 1 of 10

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)

This document was generated on 2020-11-24 04:49:00 PM (MST).

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

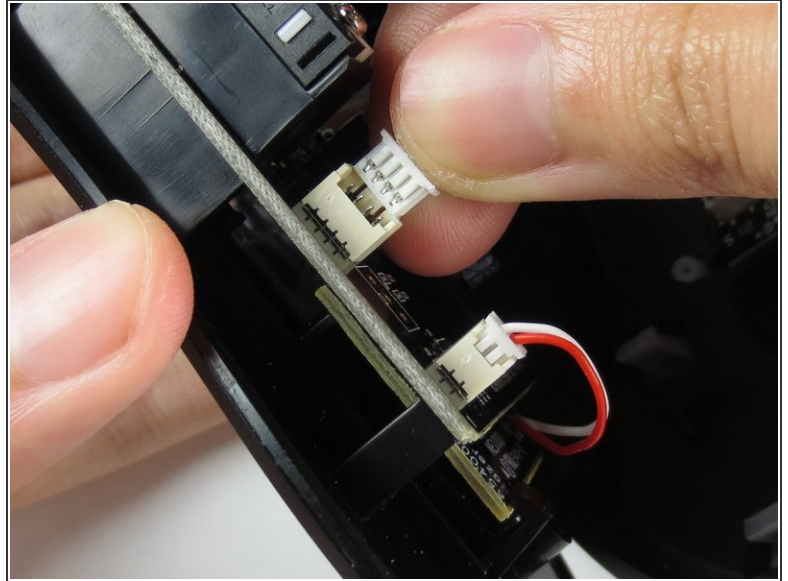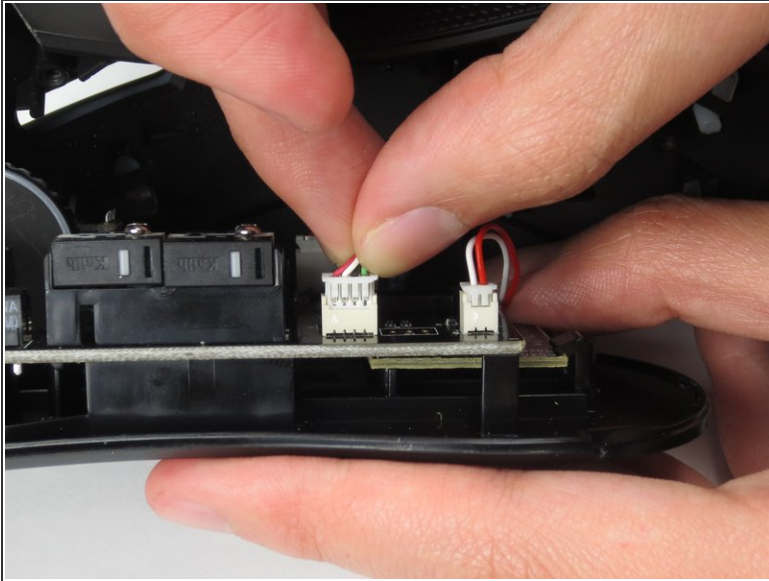- Use your fingers to identify the location of the screw under the bottom label.

This document was generated on 2020-11-24 04:49:00 PM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 4 of 10

Step 5

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

- ⓘ 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.
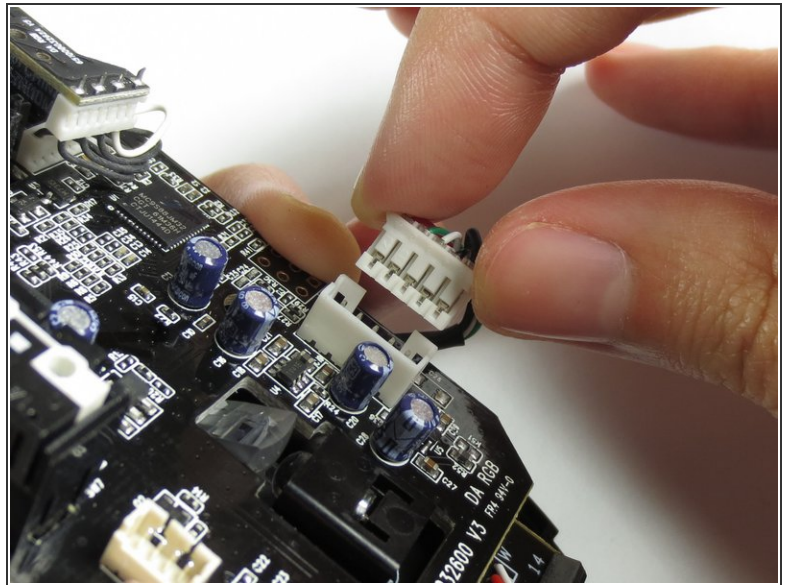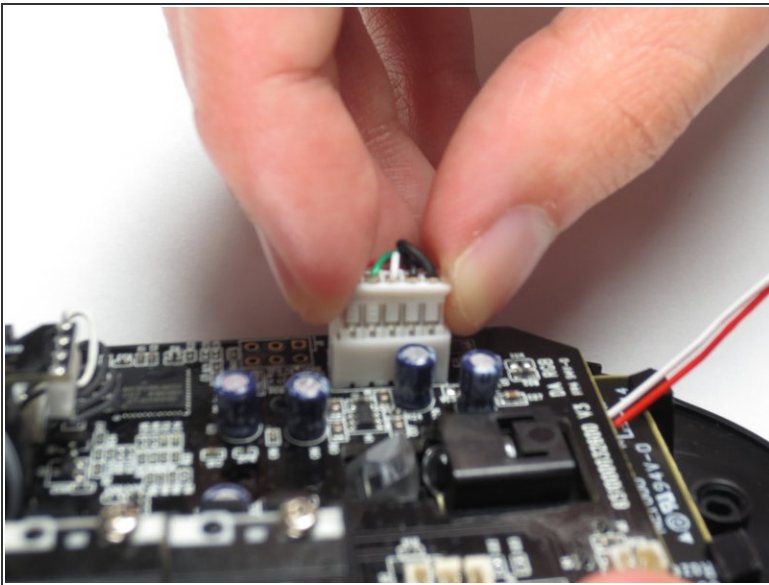
Step 7

- Disconnect the ribbon connector between the motherboard and the LED lights by pulling upward.
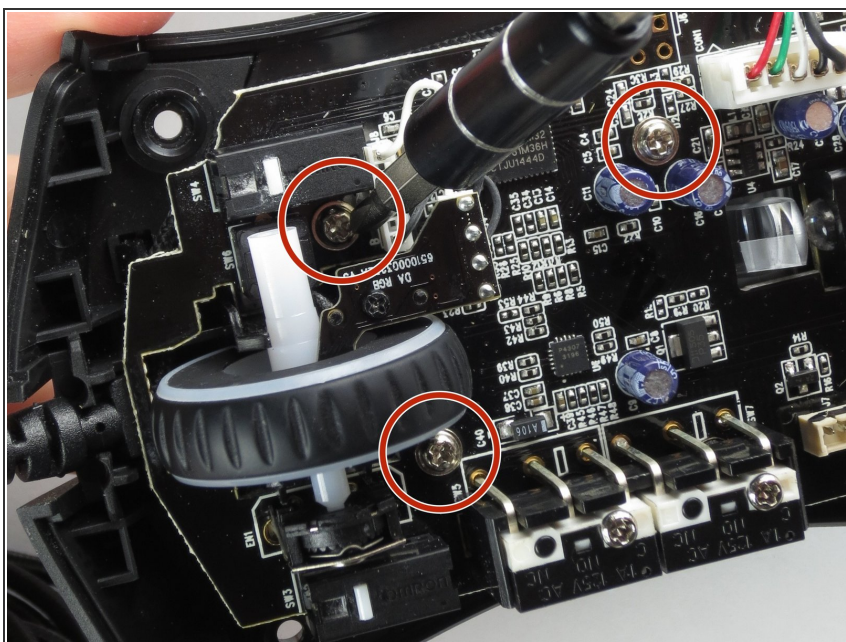
⚠ Pulling too hard could damage the wire connections.
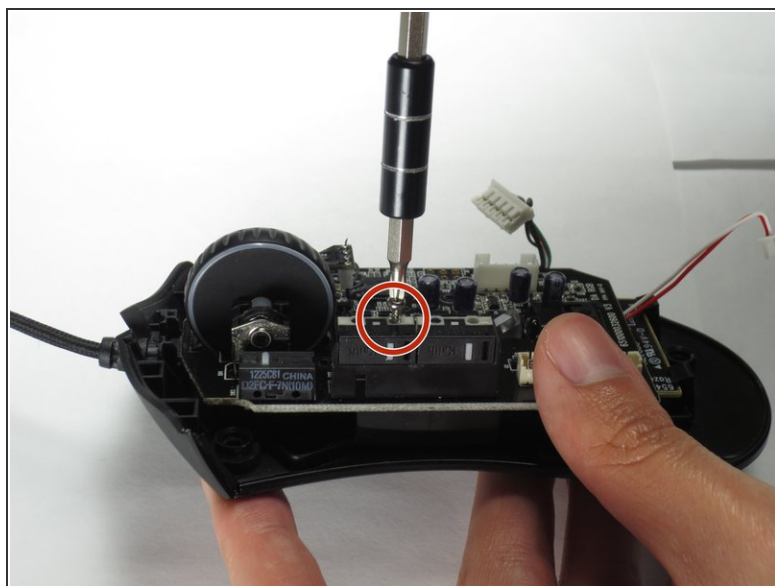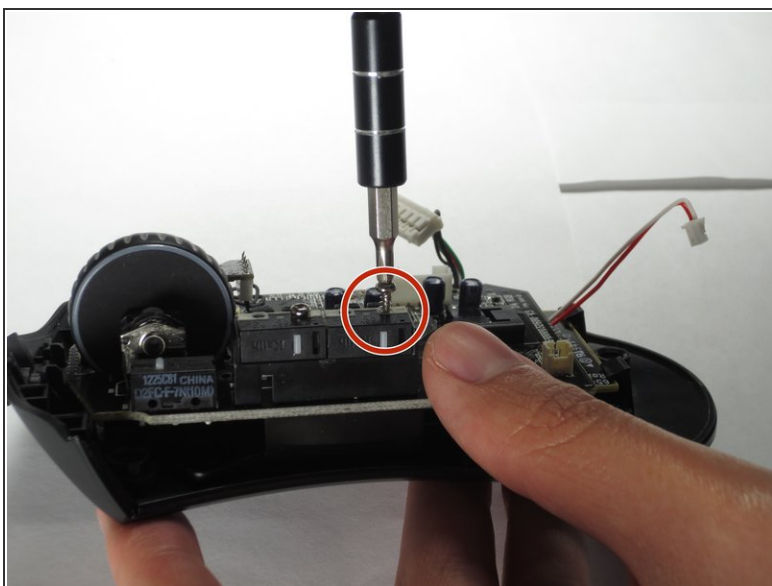
Step 8 — Motherboard

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

This document was generated on 2020-11-24 04:49:00 PM (MST).
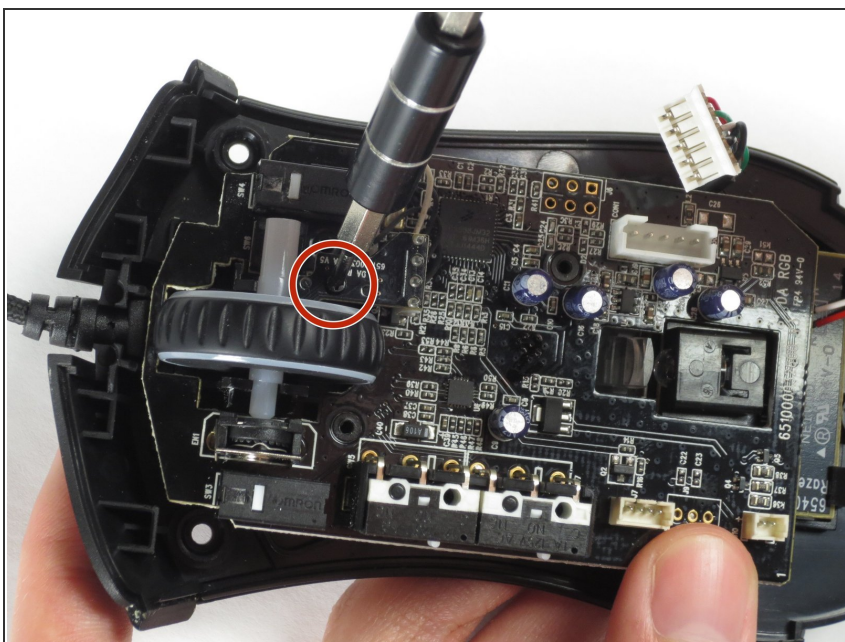
Step 9

● Use a Phillips #0 screwdriver to remove three 5.5 mm screws.
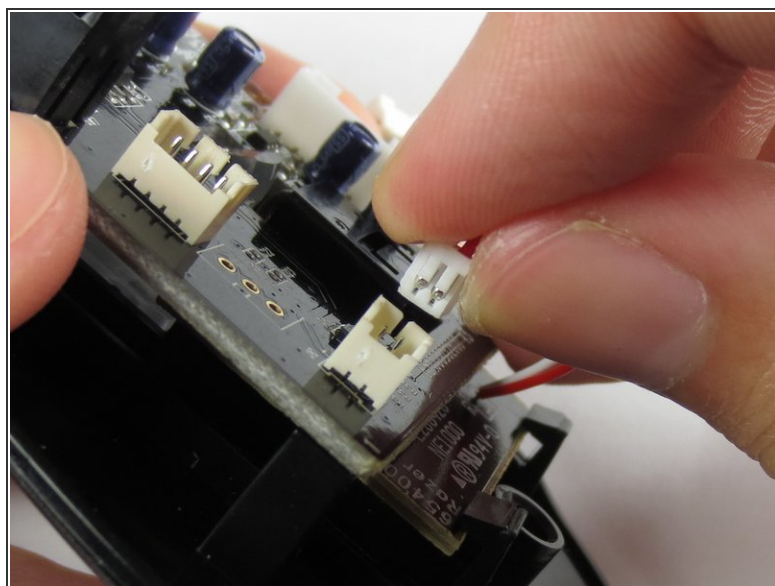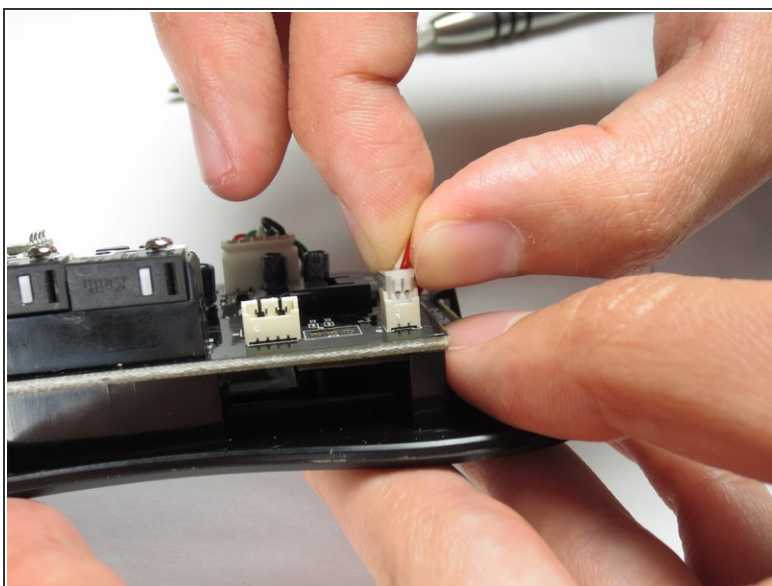
Step 10

● Use a Phillips #0 screwdriver to remove two 11.5 mm screws on the side buttons.
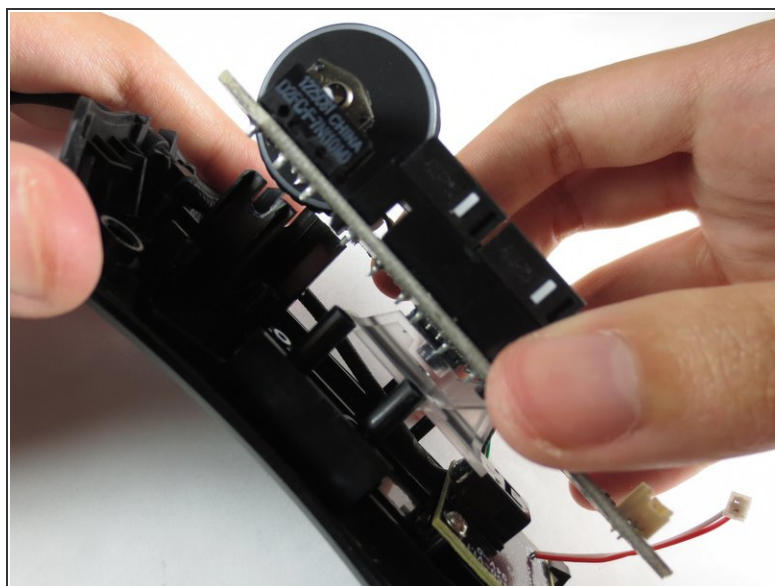
Step 11

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

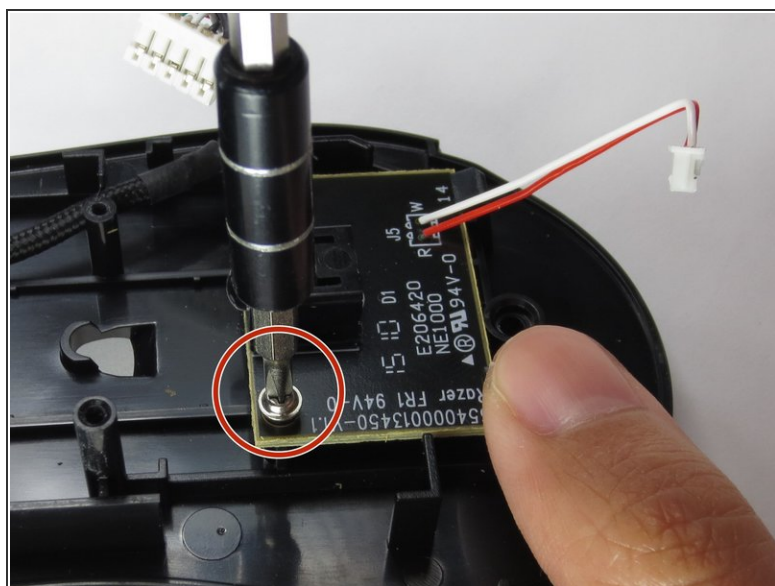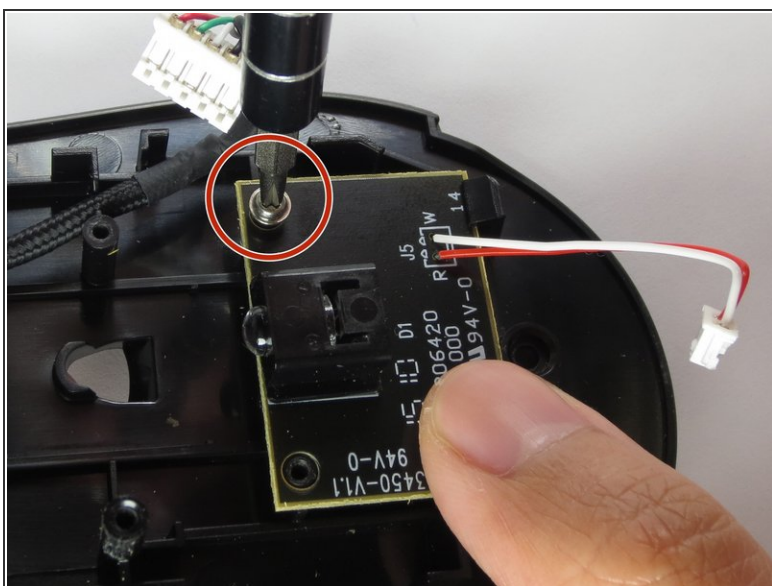## Step 12

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

This document was generated on 2020-11-24 04:49:00 PM (MST).

© iFixit — CC BY-NC-SA
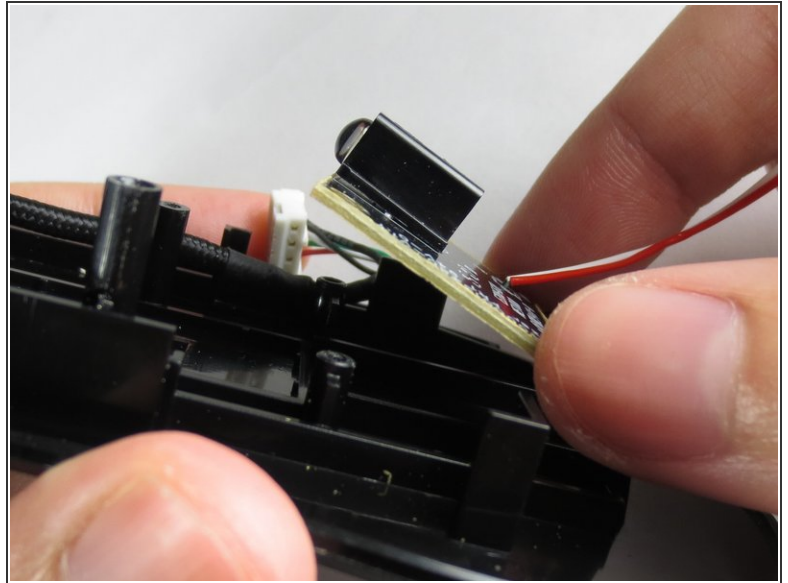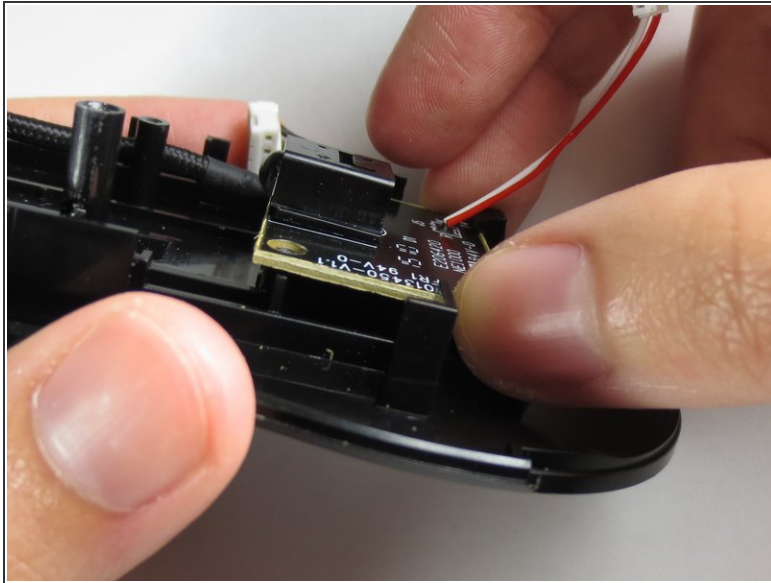www.iFixit.com
Page 8 of 10

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.

This document was generated on 2020-11-24 04:49:00 PM (MST).

Step 15

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

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