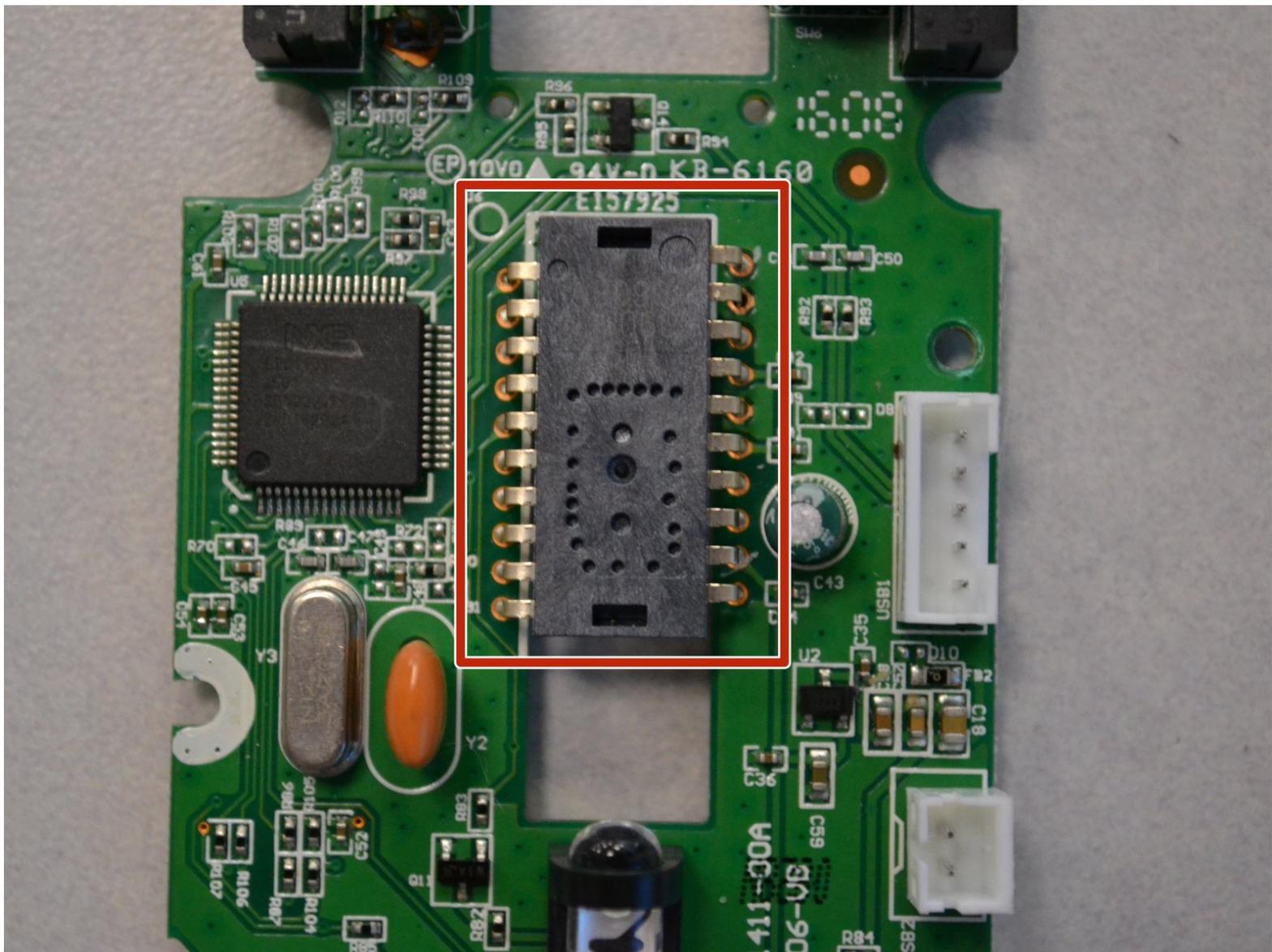




Corsair Katar Optical Sensor Replacement

This guide will demonstrate how to replace the optical sensor on a Corsair Katar mouse.

Written By: Margaret Loughren



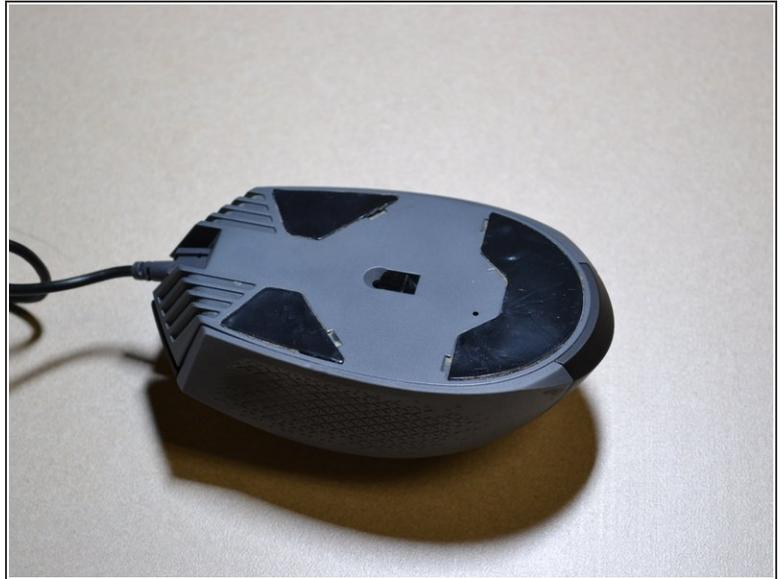
INTRODUCTION

If the optical sensor on the bottom of your Corsair Katar mouse is not operating correctly, this guide will show you how to replace it.

TOOLS:

- [JIS #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Soldering Iron](#) (1)
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Step 1 — Corsair Katar Disassembly



 Unplug your mouse before starting.

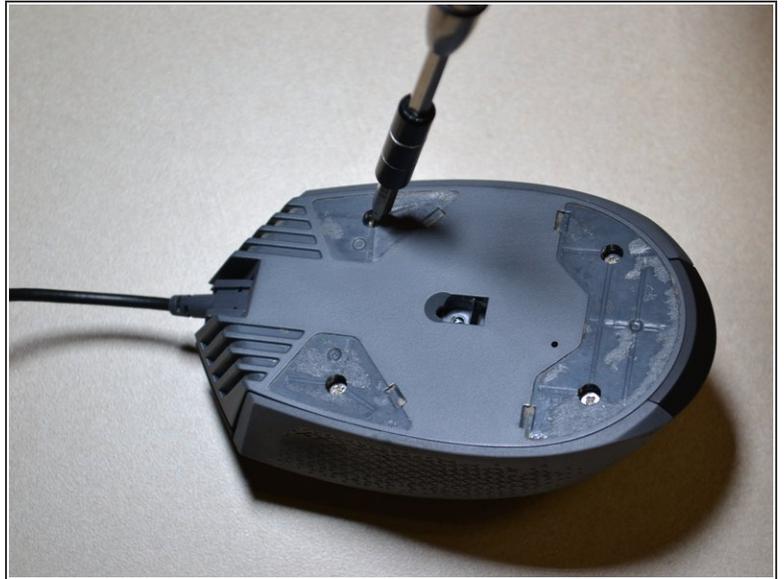
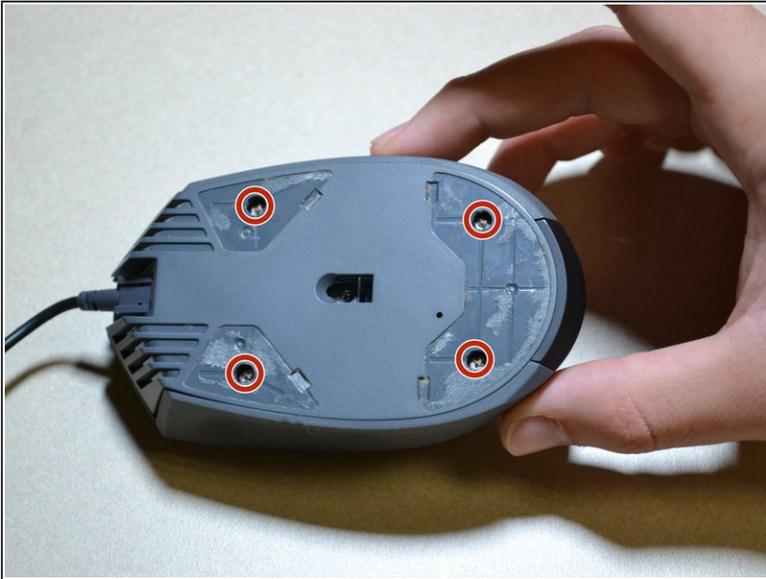
- Flip the mouse over so the bottom is facing up.

Step 2



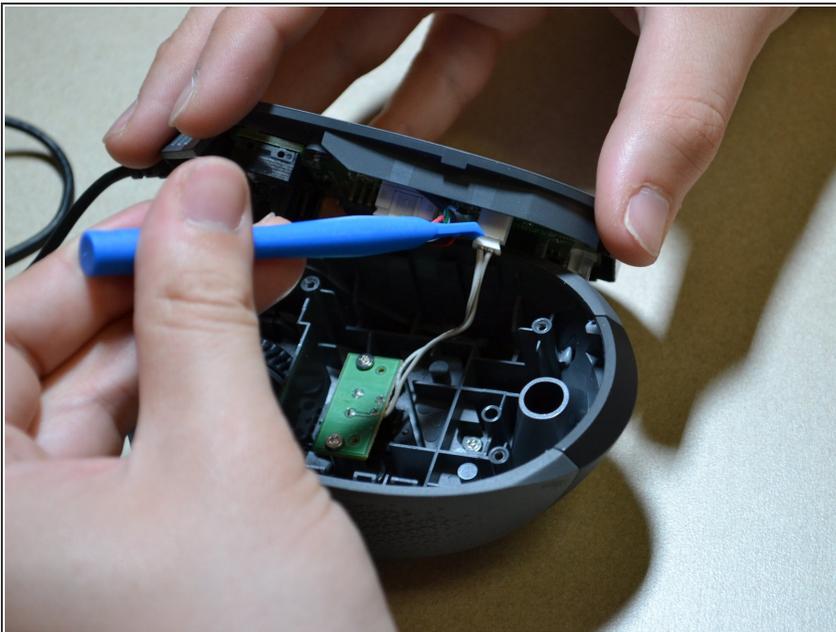
- Remove the three skates on the bottom of the mouse using the plastic opening tools.
- ⓘ Skates will be very sticky.

Step 3



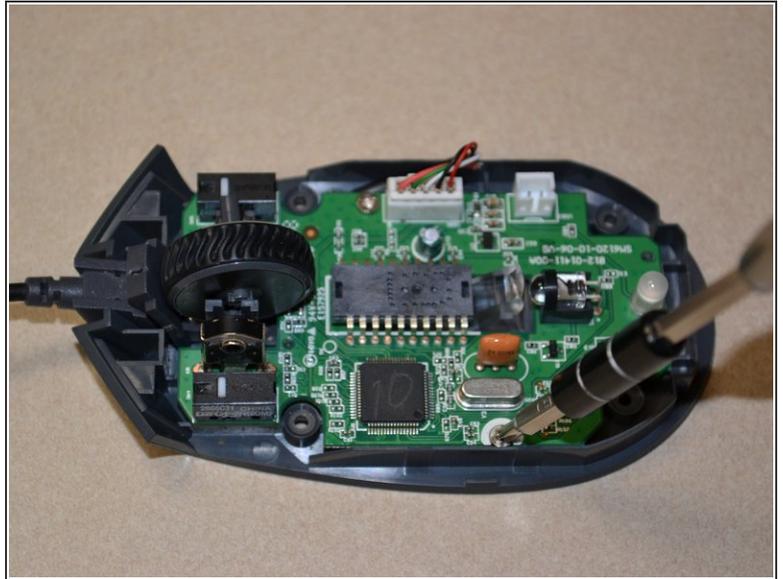
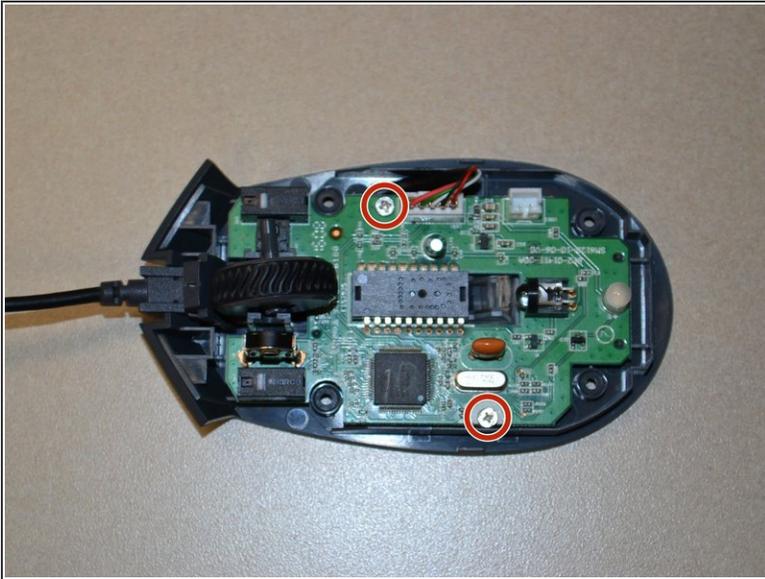
- Use the JIS 0 screwdriver to remove the four 5 mm screws on the bottom of the mouse.

Step 4



- Detach the bottom of the mouse from the upper shell.
- ⚠ Remove the shell slowly so as not to damage the white DPI cable inside the mouse.
- Use the plastic opening tool to detach the white DPI sensor cable from its port.
- ⓘ Alternatively, you can use your hand to remove the DPI sensor cable by wiggling it out of the port.

Step 5 — Scroll Wheel



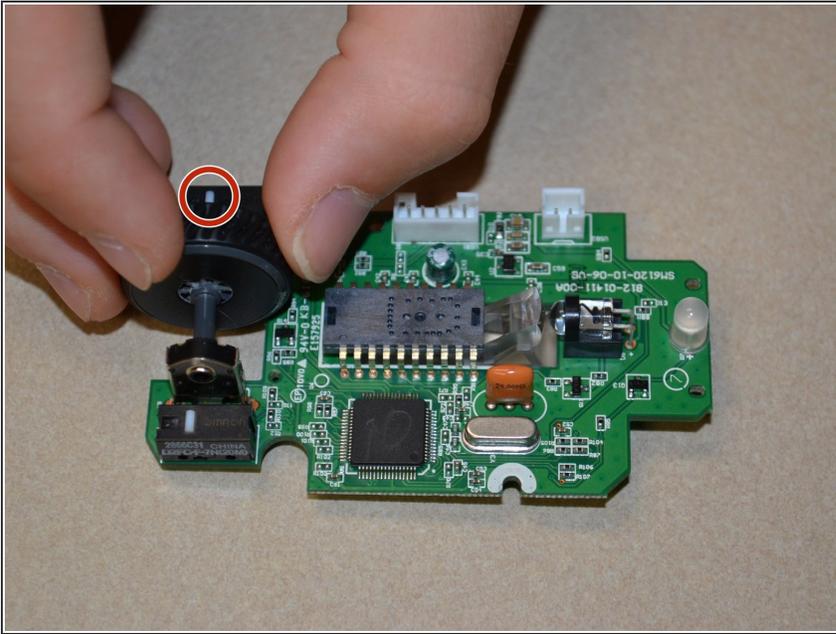
- Use the JIS 0 screwdriver to remove the two 5mm screws on the motherboard.

Step 6



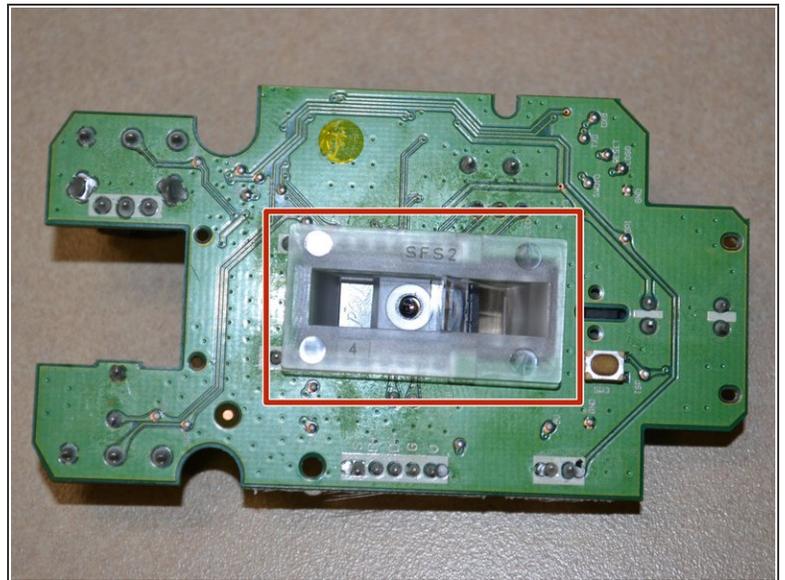
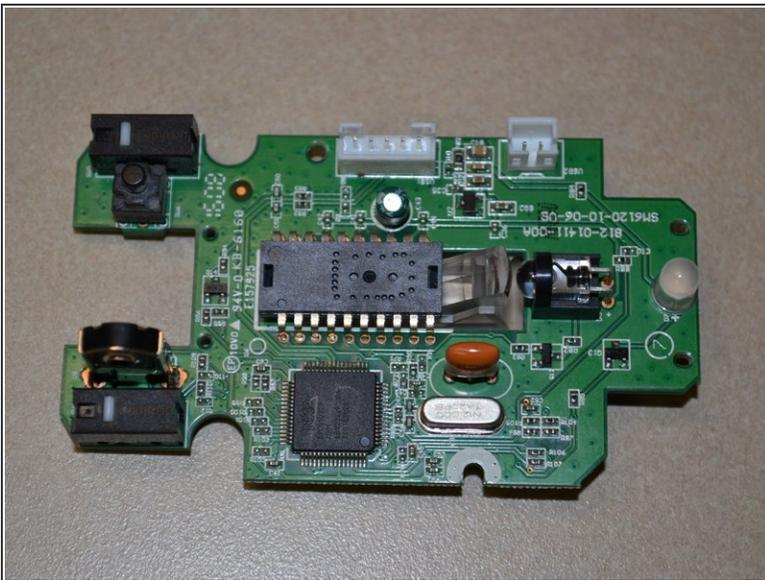
- Use the plastic opening tool to pry the white cable jack away from the motherboard.
- Lift the motherboard away from the bottom of the mouse.

Step 7



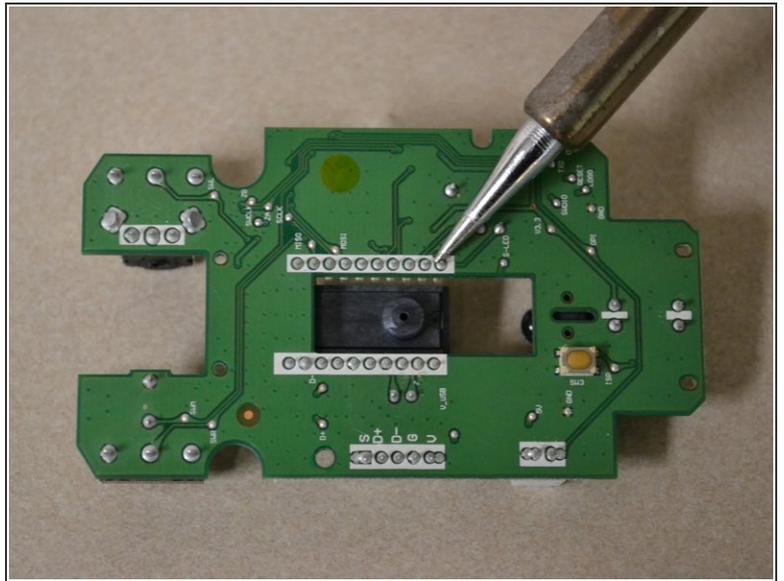
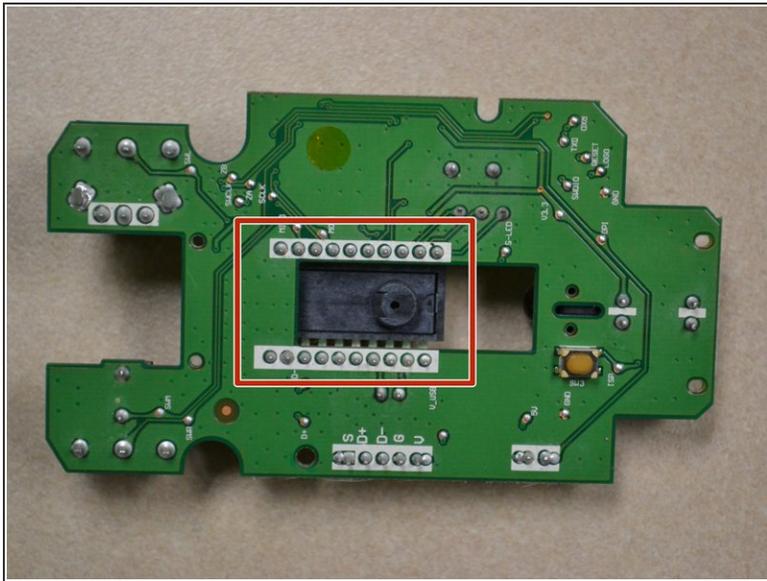
- Push the scroll wheel to the right side of the motherboard as shown, then pull it away from the board to remove.

Step 8 — Optical Sensor



- Flip the motherboard over and remove the clear plastic cover from the bottom of the board.

Step 9



- Desolder the 20 connecting pins to remove the optical sensor.

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