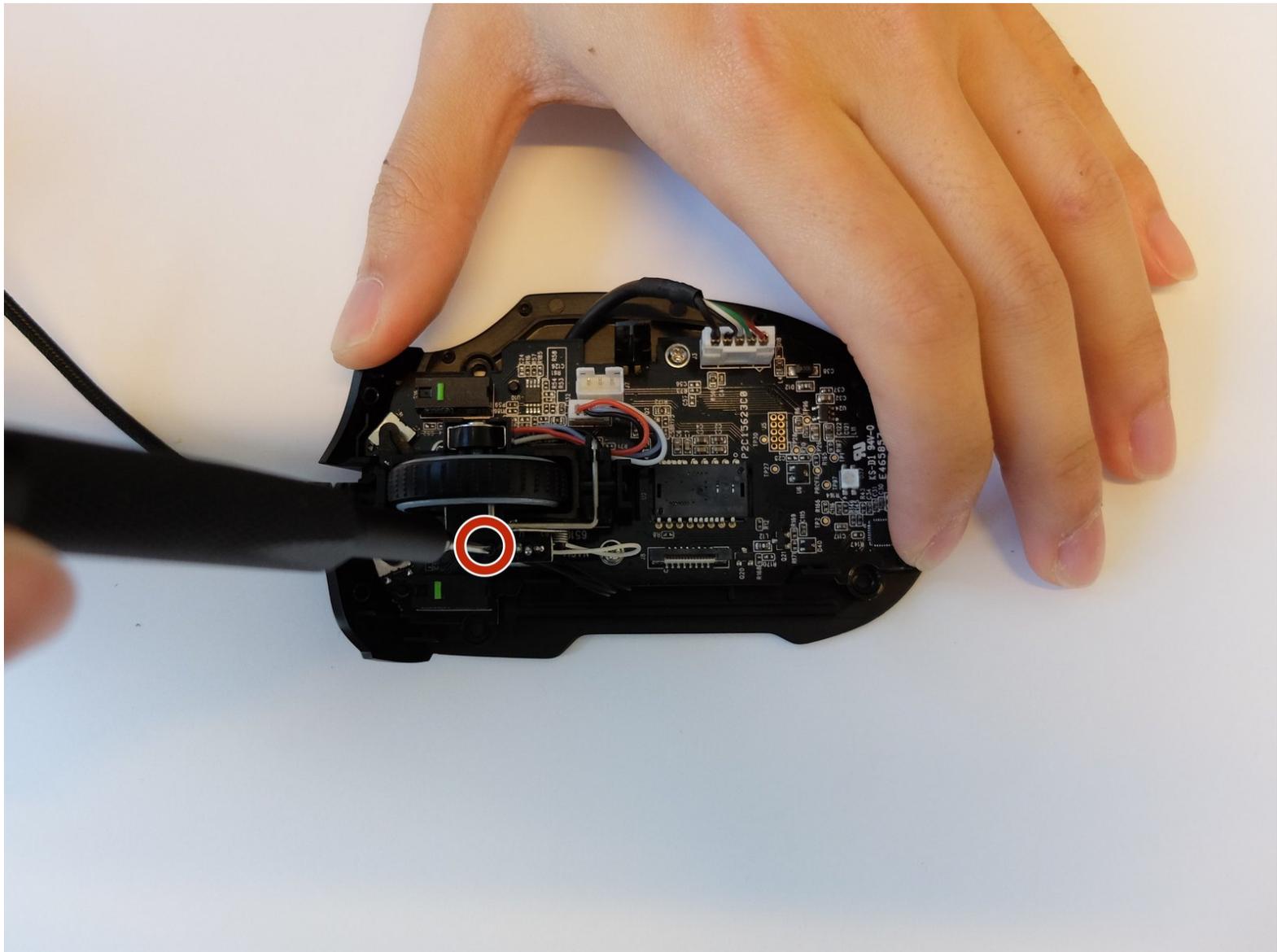




# Razer Naga Trinity Scroll Wheel Housing Replacement

How to replace the scroll wheel housing in a Razer Naga Trinity mouse.

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## INTRODUCTION

This guide is for replacing the scroll wheel on the Razer Naga Trinity gaming mouse (RZ01-0241). If the mouse is used for an extended period of time, the scroll wheel can become dirty or start to wear out, negatively affecting the user's experience. A common problem that may occur is the rubber on the scroll wheel deteriorating from the oils on the hand and friction. Another problem is dirt collecting between the optical encoder and the scroll wheel ([Optical Encoder Replacement](#)). This will hinder the response time and accuracy of the user's input. There are no special skills required to perform this replacement.

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### TOOLS:

- [Spudger](#) (1)
  - [1 x Opening Picks](#) (1)
  - [JIS #1](#) (1)
  - [Halberd Spudger](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
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## Step 1 — Razer Naga Trinity Disassembly



- Remove the interchangeable side plate.

## Step 2



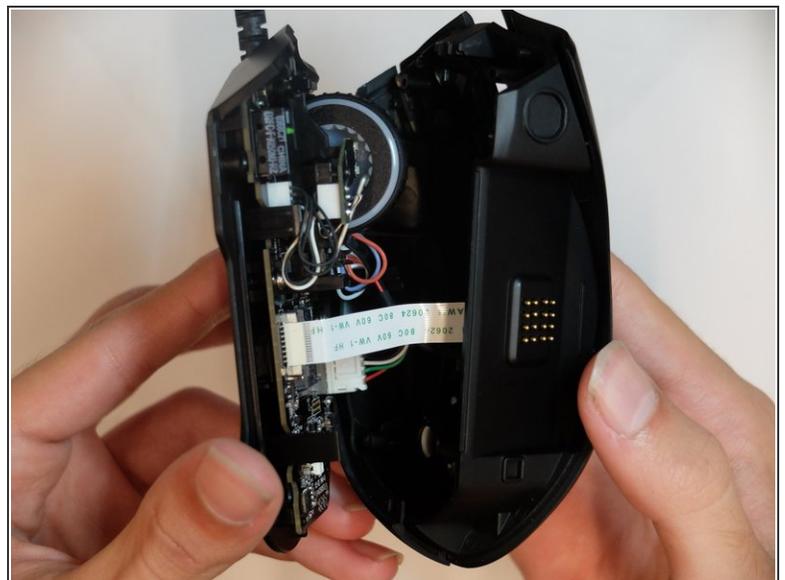
- Remove the mouse's feet using the opening pick.

### Step 3



- Remove the four 6mm screws by using a JIS #1 screwdriver.

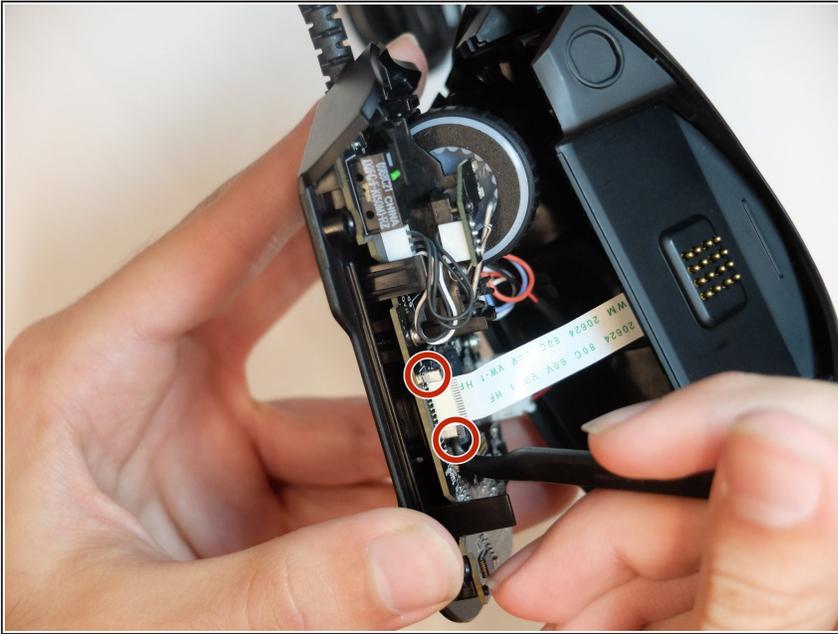
### Step 4



- Separate the top mouse housing from the bottom mouse housing using the opening pick.

**⚠ Be careful not to tug too hard on the ribbon connector.**

## Step 5



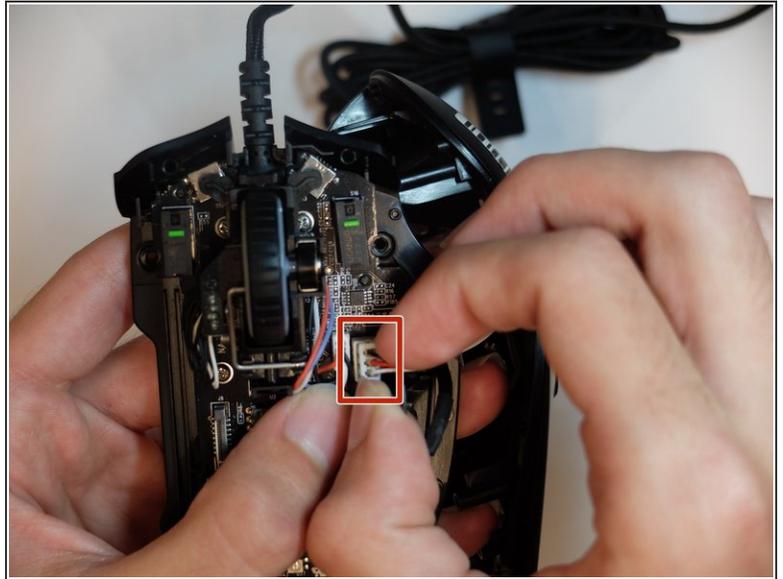
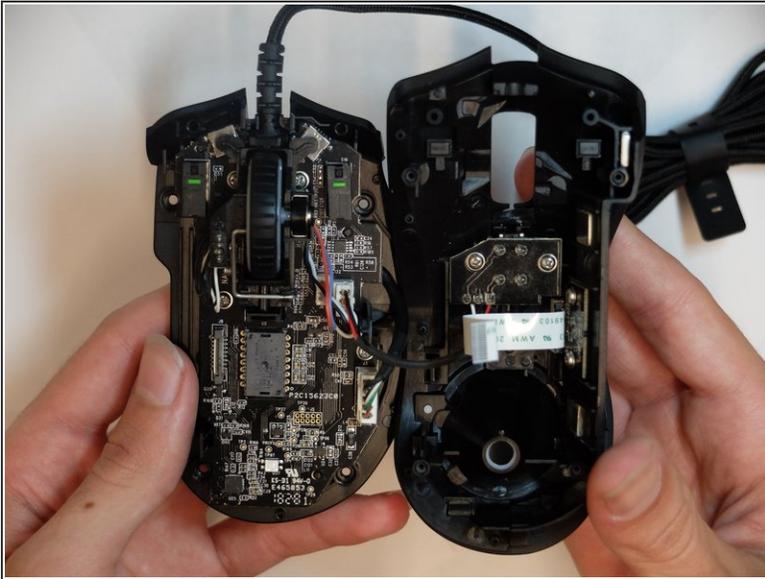
- Unlock the ribbon connector that is held down by the main board clips using the spudger's pointed end.

## Step 6



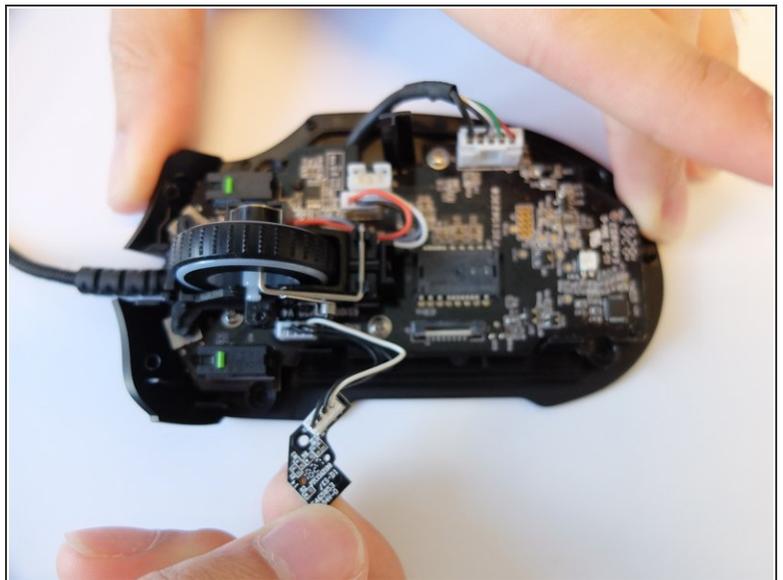
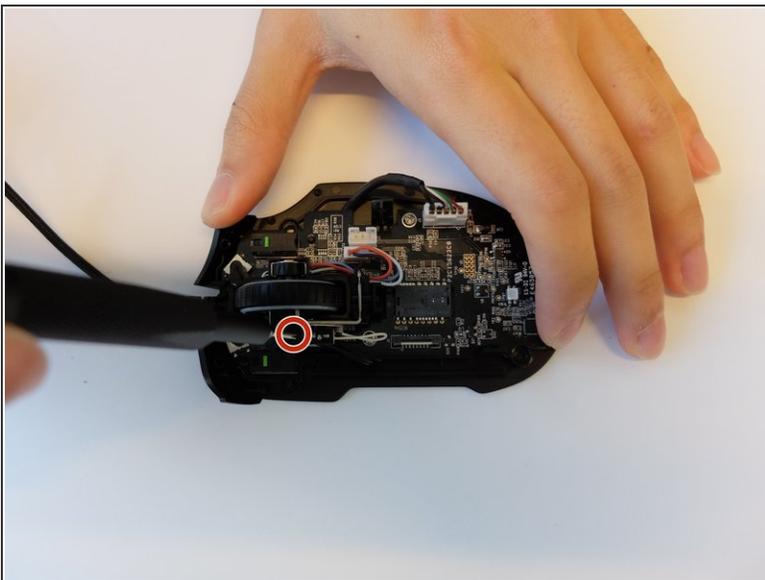
- Remove the side housing using the opening pick.

## Step 7



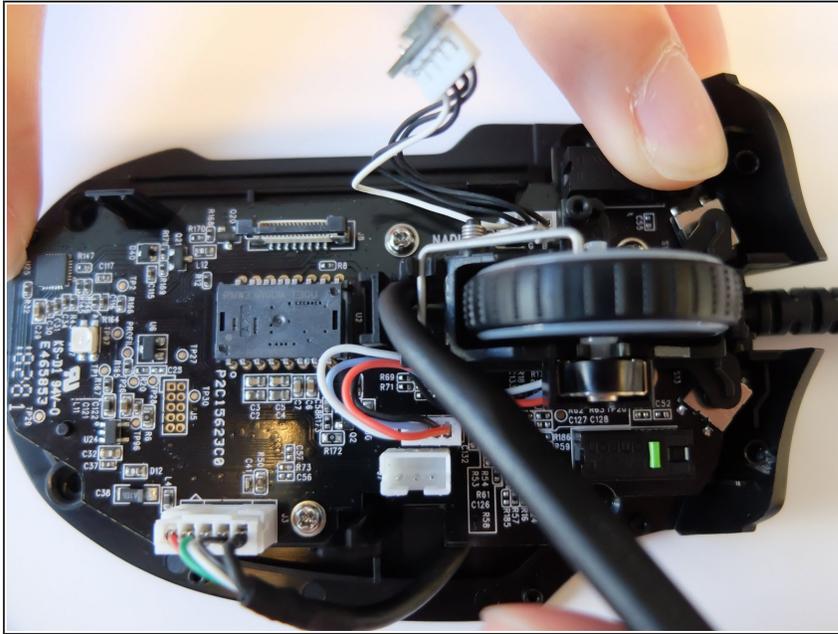
- Remove the top housing LED 3-Pin connector that is near the main board.

## Step 8 — Scroll Wheel Housing



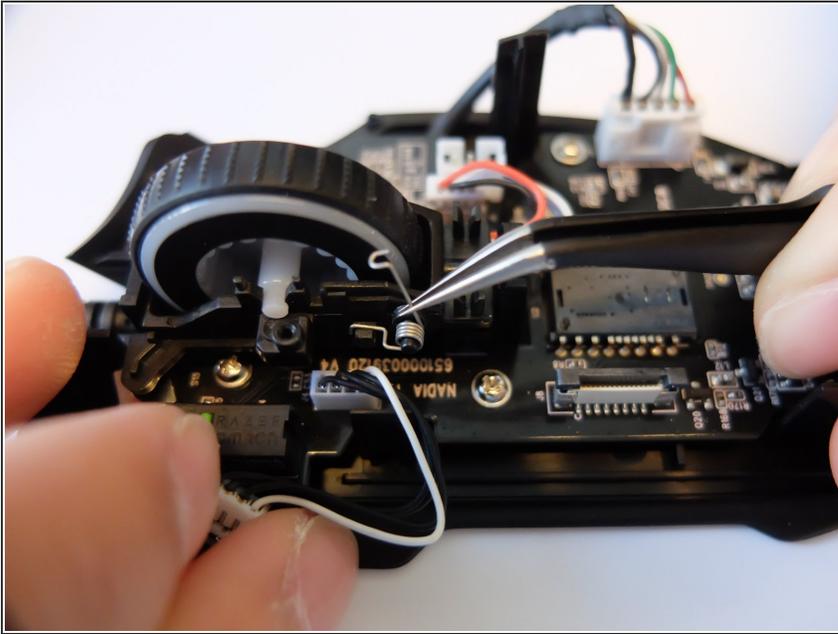
- Remove one 4mm black Phillips #000 screw from the left side of the mouse holding the scroll wheel LED controller board.
- Then pull the LED controller board upwards and out.

## Step 9



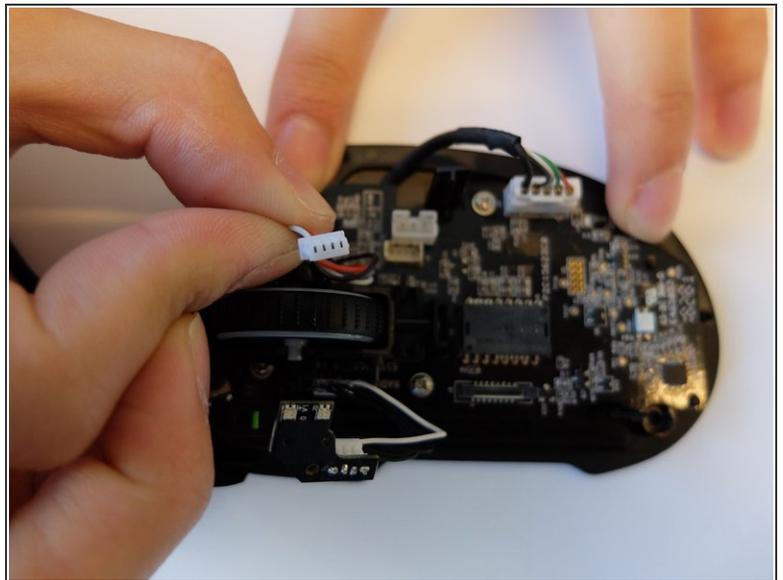
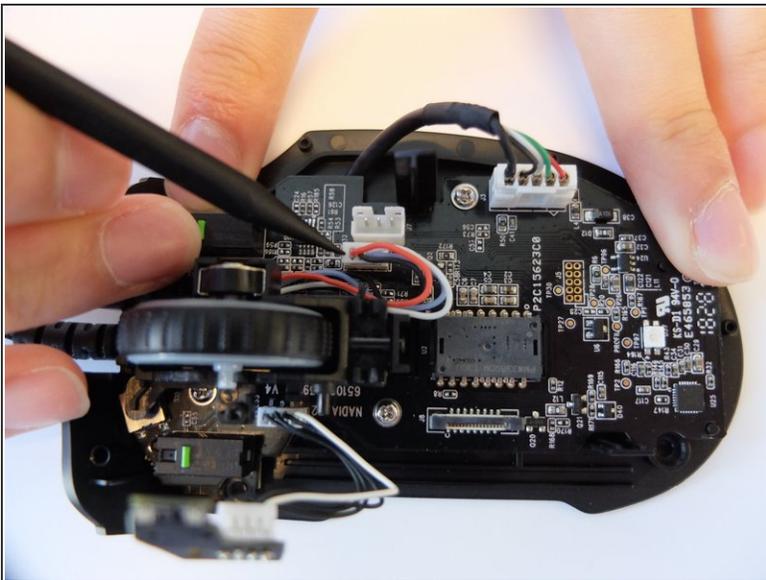
- Pry and remove the scroll wheel feedback bar from its hold-down clips using the hook end of a halberd spudger.

## Step 10



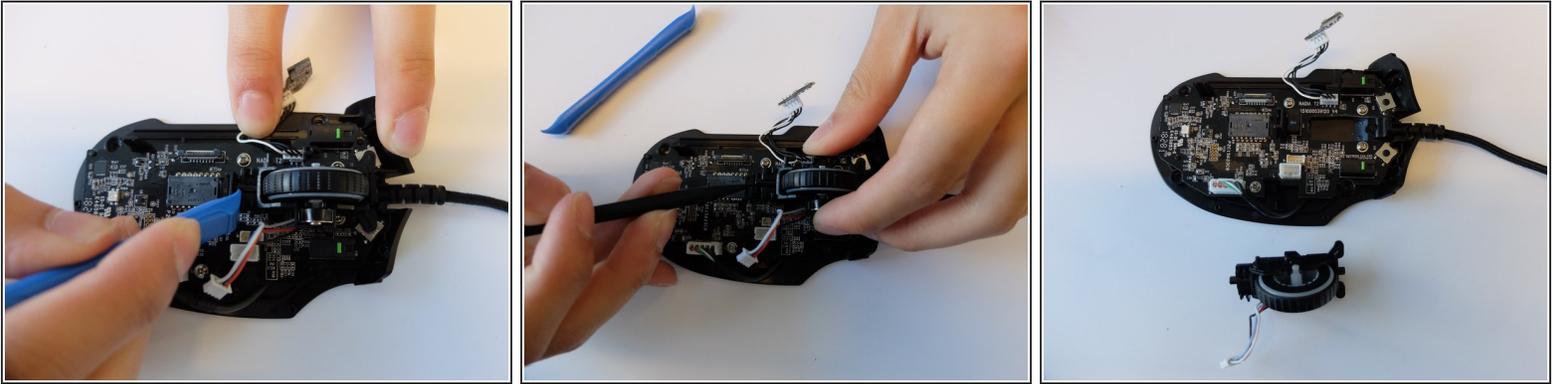
- Remove the scroll wheel feedback bar from the scroll wheel by holding down the spring and using angled tweezers to remove it from its placement.

## Step 11



- Remove the scroll wheel optical encoder 3-pin connector from the main board by wiggling the connector upwards.

## Step 12



- Using the opening tool, pry the black bracket holding the scroll wheel in place backwards until the scroll wheel housing pops out.

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