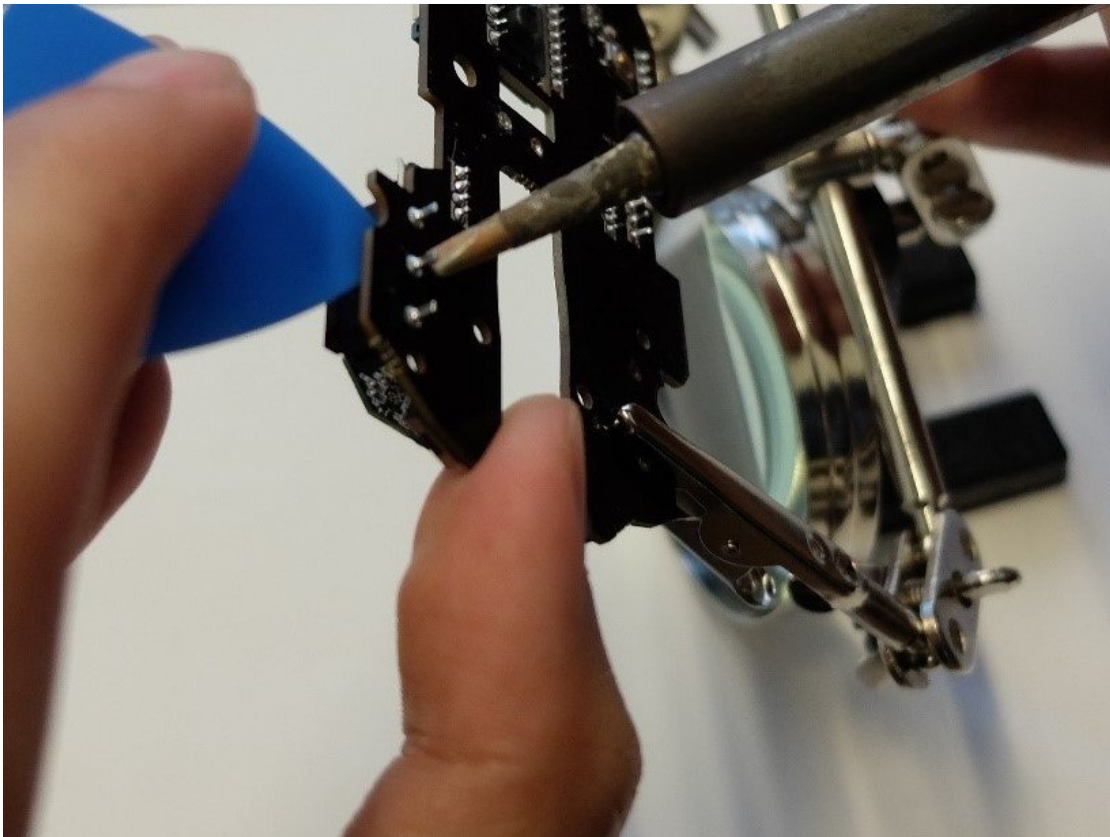




# Razer Naga Trinity OMRON D2FC-F-K(50M) Micro Switch Replacement

If the right or left mouse button is not...

Written By: Zackary Tempert



# INTRODUCTION

If the right or left mouse button is not responsive, the micro switch might need replacement. This guide will list all required steps to properly replace the left and/or right mouse button micro switches from the Razer Naga Trinity.

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## TOOLS:

JIS #1 (1)  
Phillips #000 Screwdriver (1)  
Anti-Static Wrist Strap (1)  
1 x Opening Picks (1)  
Spudger (1)  
Halberd Spudger (1)  
Tweezers (1)  
iFixit Opening Tool (1)  
Weller 5-Watt to 40-Watt Soldering Station (1)  
Harris 3 oz. Lead-Free Rosin Core Solder (1)

## PARTS:

OMRON D2FC-F-K(50M) Micro Switch (1)  
Corepad Skatez Replacement Mouse Feet (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.

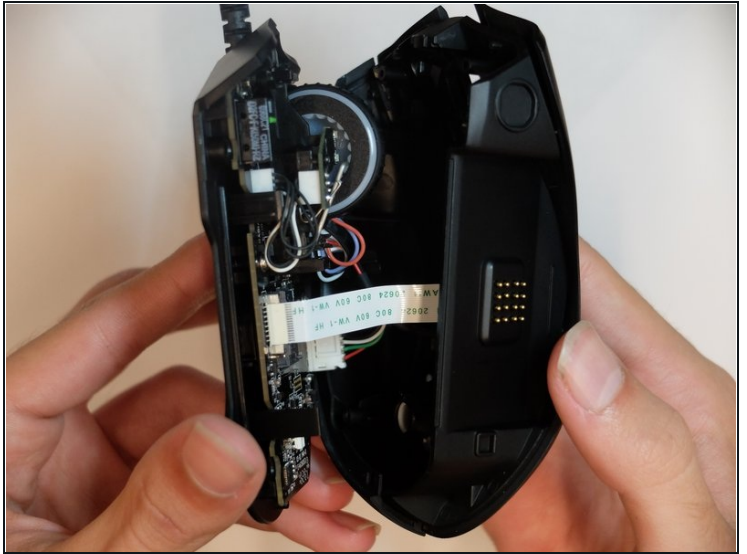
## Step 3



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



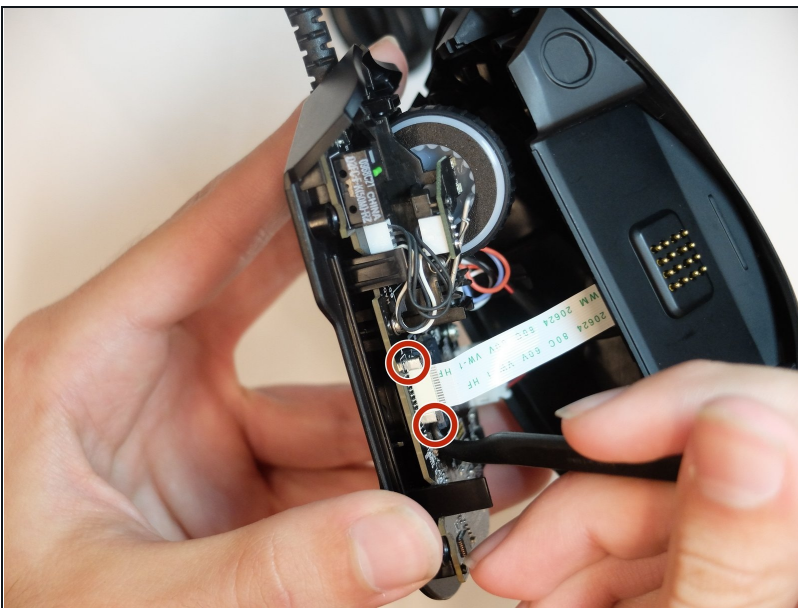
## Step 4



- 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



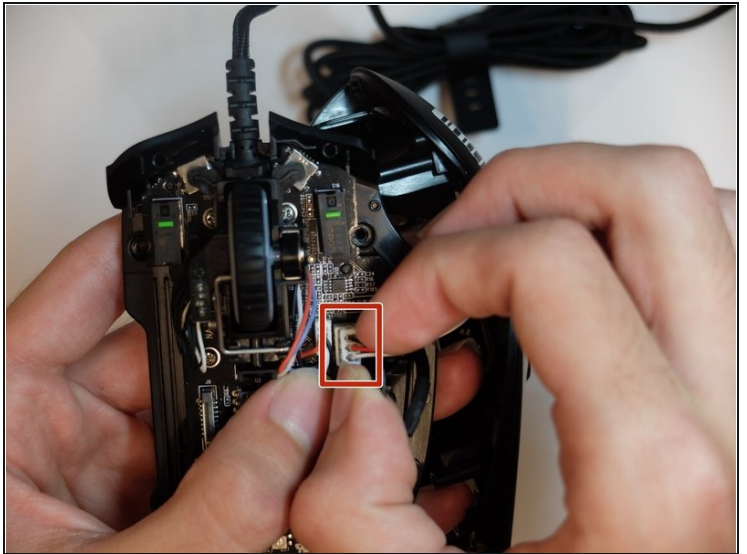
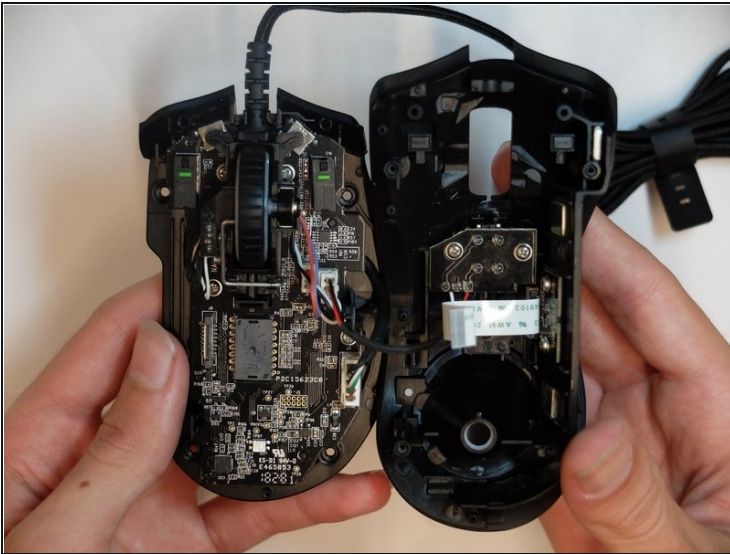
- Unlock the ribbon connector that is held down by the main board clips using the spudger's pointed end.

## Step 6



- Remove the side housing using the opening pick.

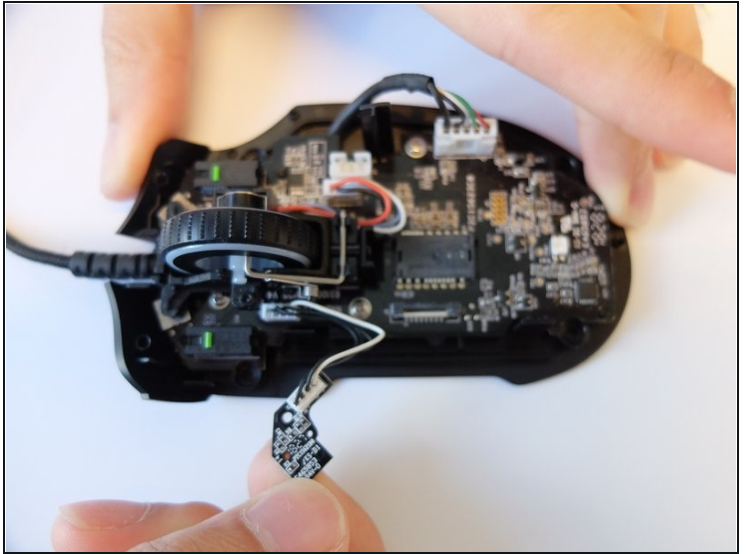
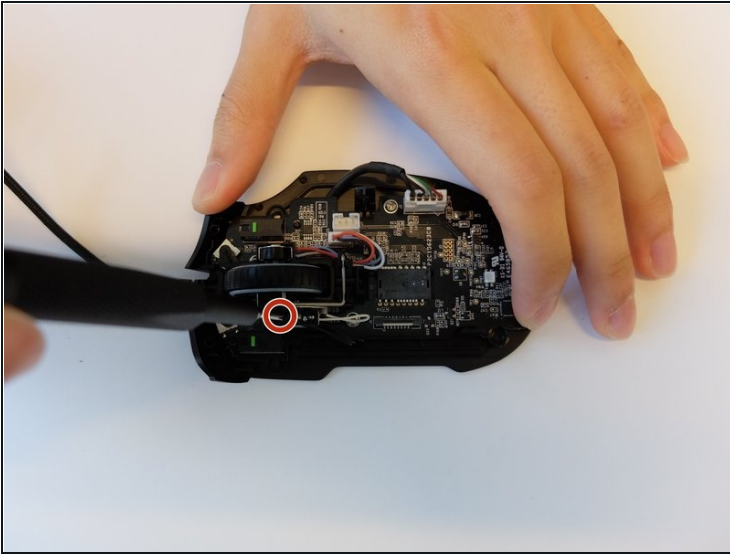
## Step 7



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

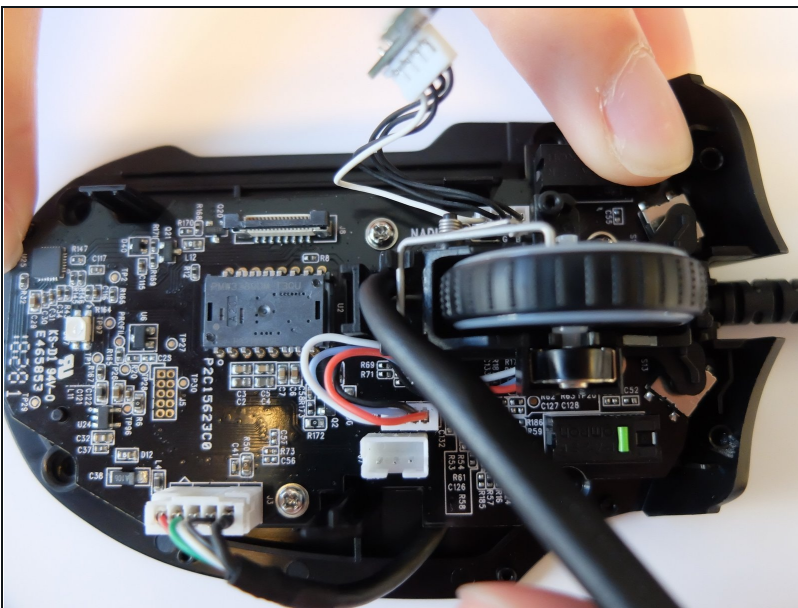


## Step 8 — Scroll Wheel Housing



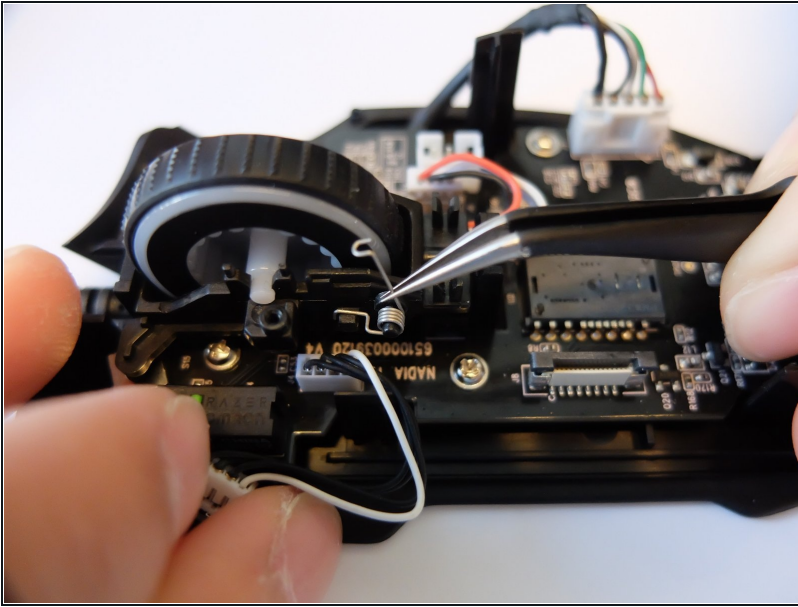
- Remove one 4mm black Phillips #000 screw from the left side of the mouse holding the scroll wheel LED controller board.
- Then pull the LED controller board upwards and out.

## Step 9



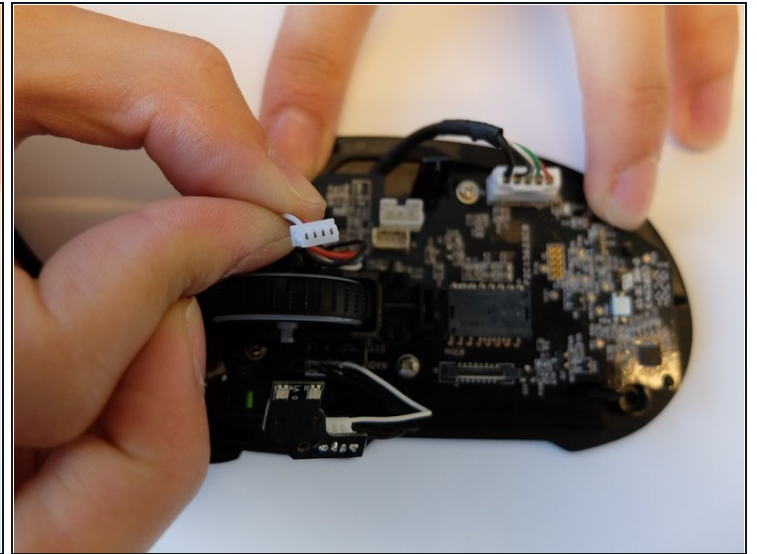
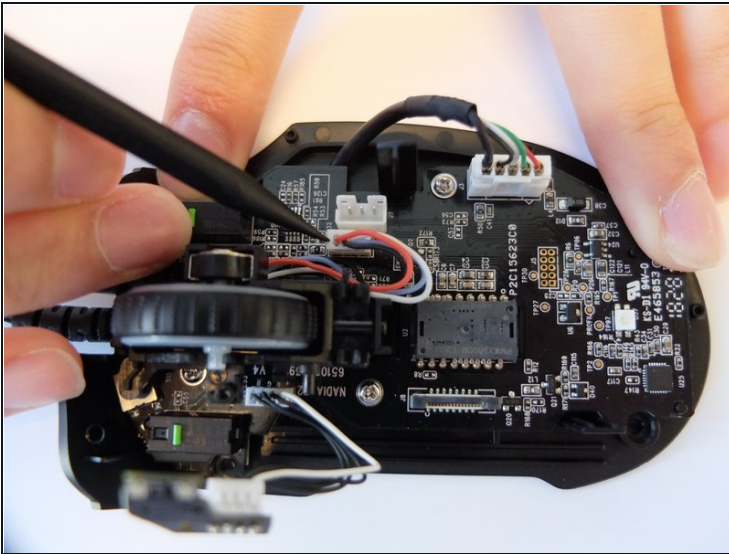
- Pry and remove the scroll wheel feedback bar from its hold-down clips using the hook end of a halberd spudger.

## Step 10



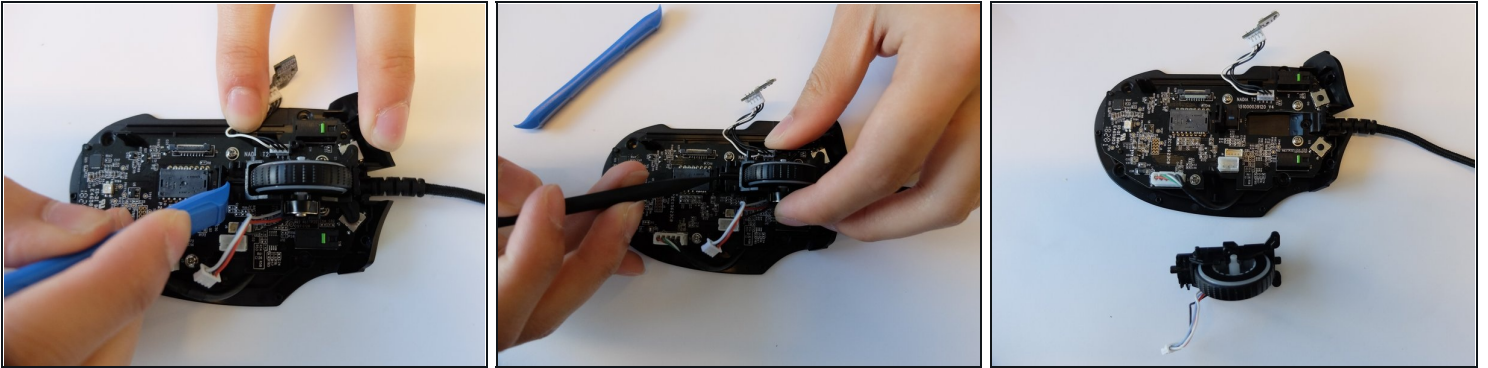
- Remove the scroll wheel feedback bar from the scroll wheel by holding down the spring and using angled [tweezers](#) to remove it from its placement.

## Step 11



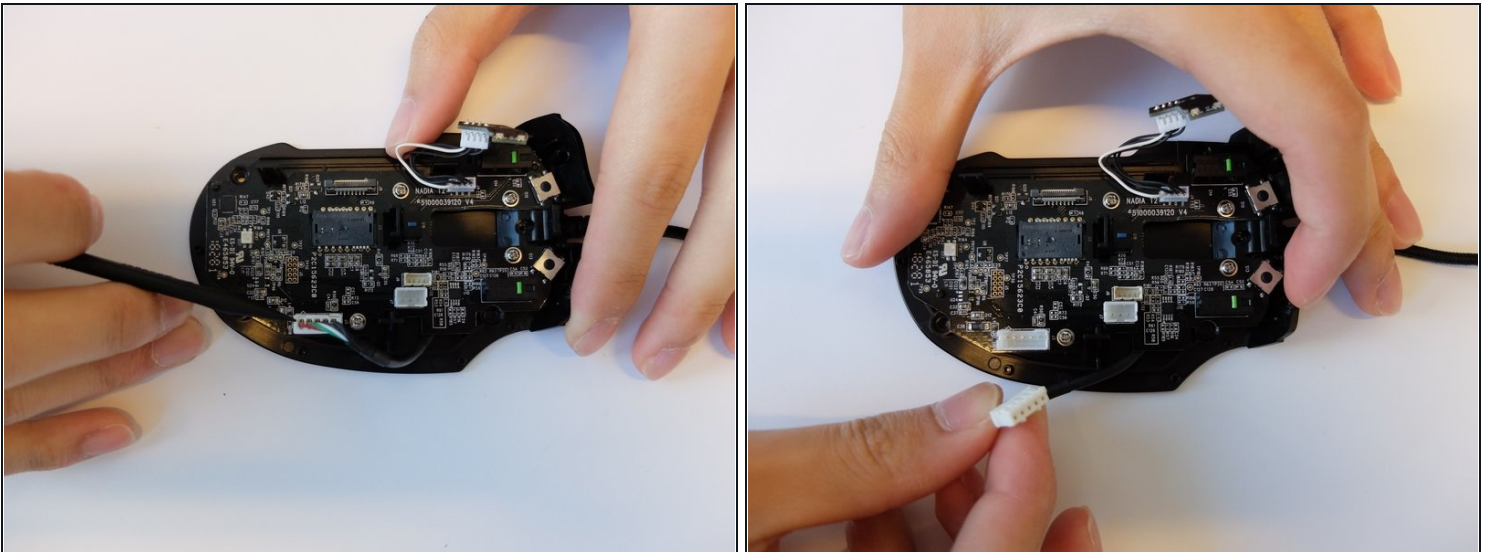
- Remove the scroll wheel optical encoder 3-pin connector from the main board by wiggling the connector upwards.

## Step 12



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

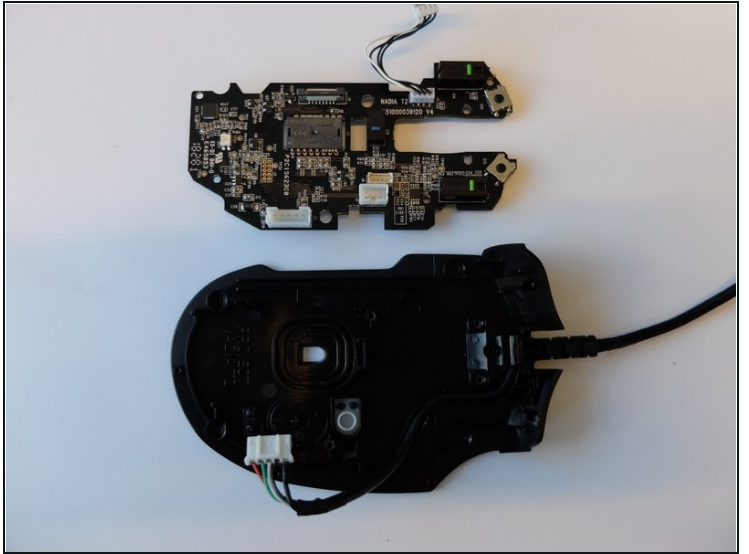
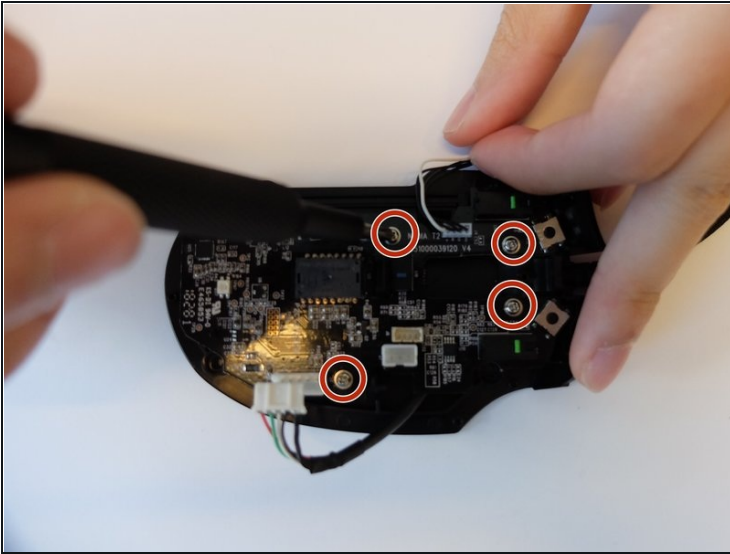
## Step 13 — OMRON D2FC-F-K(50M) Micro Switch



- Remove the USB Type A to 5-pin connector from the main board by pinching and pulling upwards.

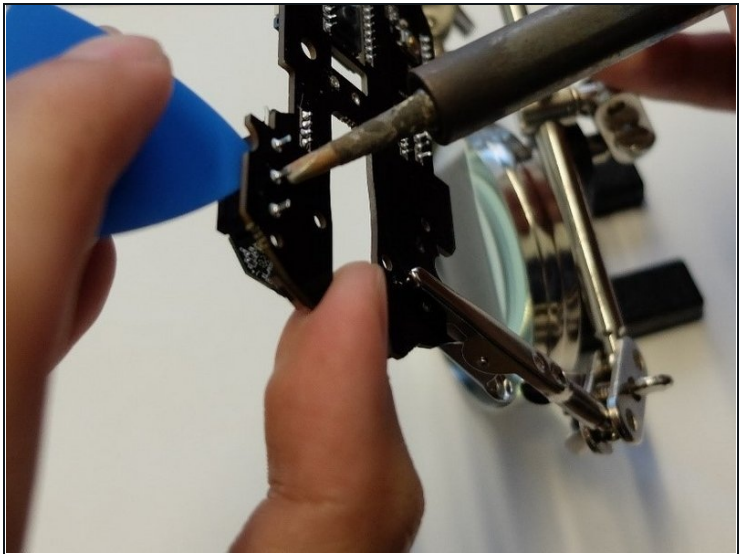
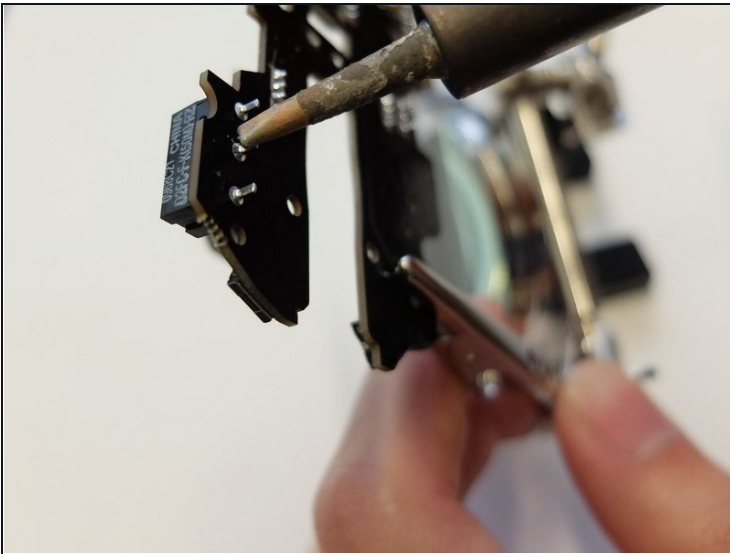


## Step 14



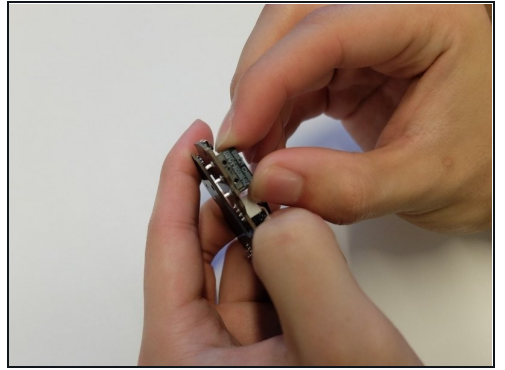
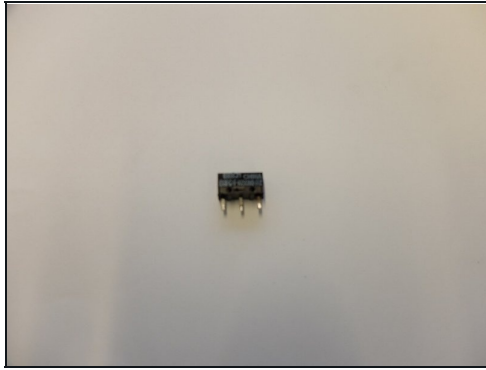
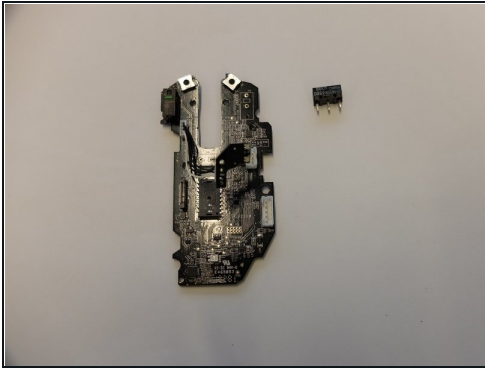
- Remove four 3mm JIS #1 screws holding the main board.

## Step 15



- Place the tip of the soldering iron onto the micro switch contact pins.
- Work around the micro switch pins while prying the switch with an opening pick.

## Step 16



- Remove and replace OMRON D2FC-F-K(50M) micro switch.
- ☒ Solder all three micro switch pins with soldering iron.
- Ensure the micro switch is bonded by performing a tug test.

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