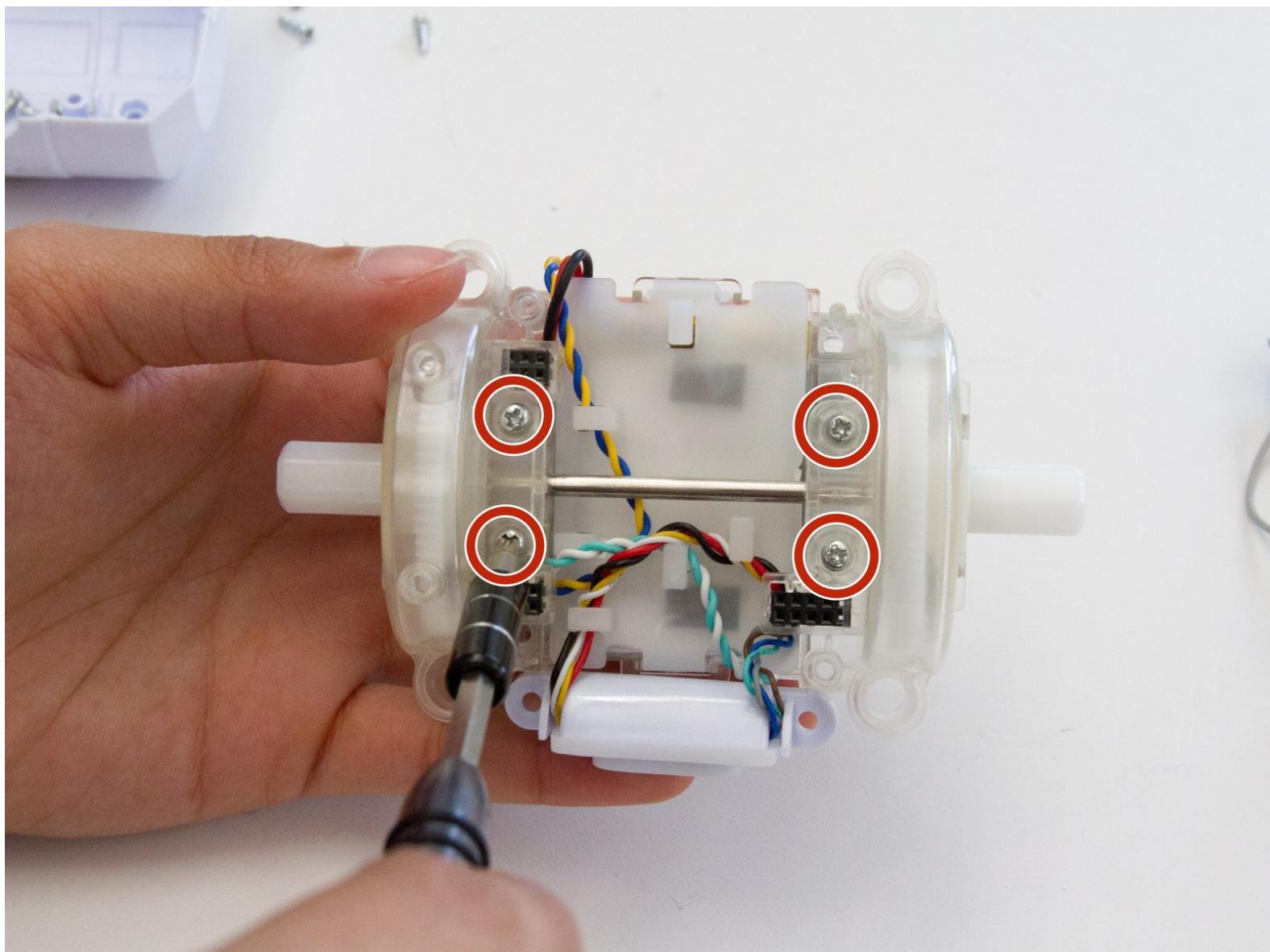




Sphero Ollie Battery Replacement

Replace your Ollie's battery if it is dying too fast, if it doesn't charge, or charges slowly.

Written By: Krystal Hedrick



INTRODUCTION

The battery is like the heart of the Sphere Ollie. Without the battery, the Ollie will be useless and inactive. To replace your battery, you will need a Blue Opening Tool and Phillip's Head Screwdriver to gain access to it.

TOOLS:

- [iFixit Opening Tools](#) (1)
- [Phillips #1 Screwdriver](#) (1)

Step 1 — Tires and Hubcaps



- Firmly grasp Ollie in one hand.
- Remove the blue rubber tire in a peeling motion with your opposite hand.

Step 2



- Continue to firmly hold Ollie in one hand.
- Use a Plastic Opening Tool to gently pry off the hubcap.

(i) Avoid inserting the Plastic Opening Tool into the empty holes, but instead use the tool near the tabs holding the hubcap in.

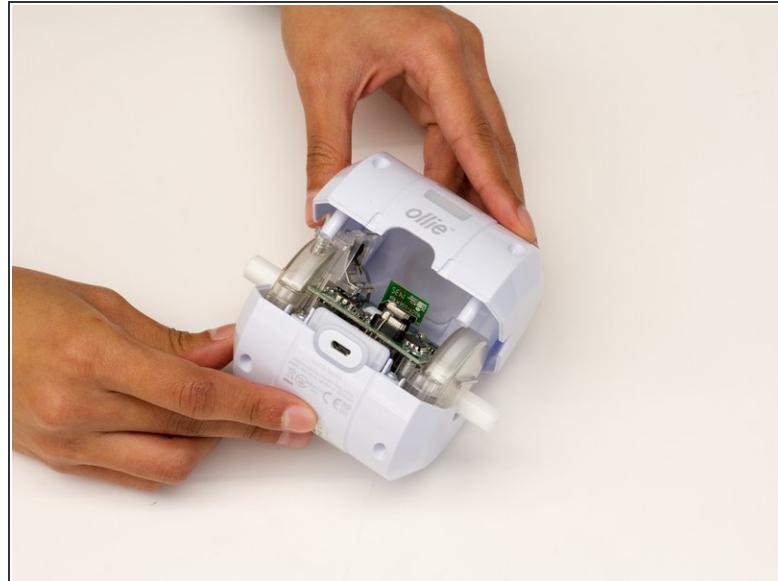
⚠ Do not aim the hubcap towards another person as it may pop off with force.

Step 3 — Motherboard



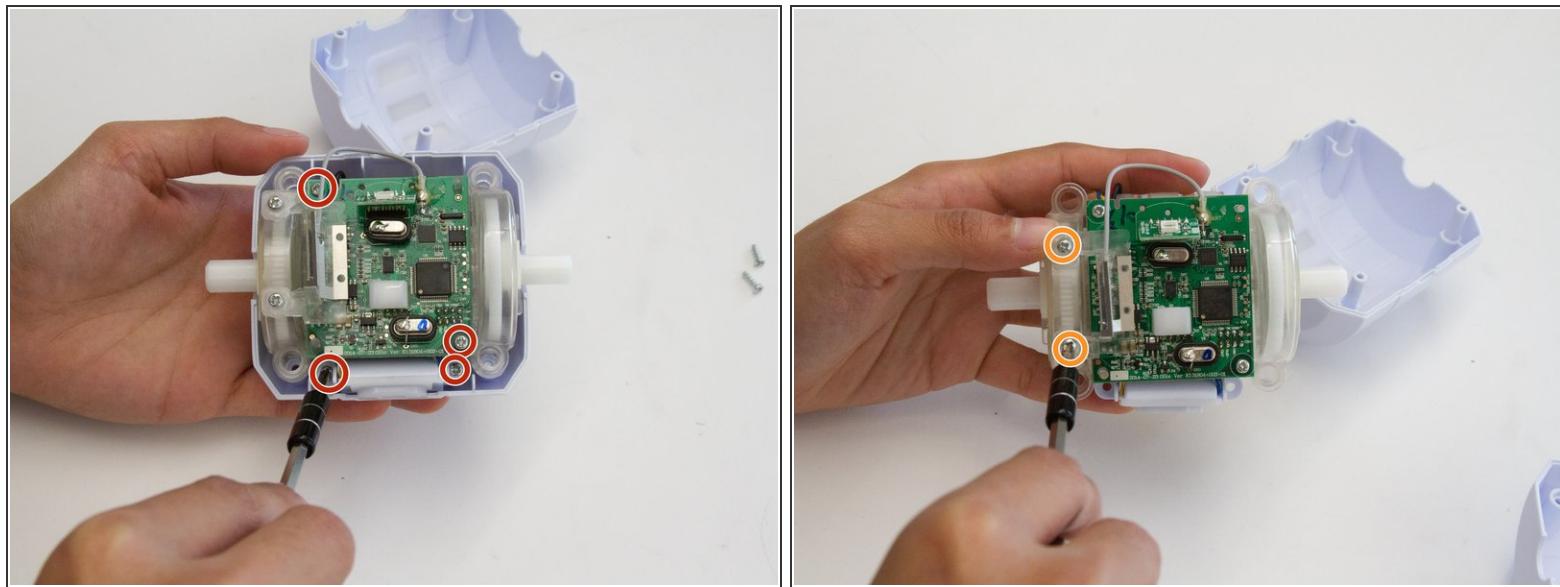
- Loosen and remove the 10mm screw on each side of the device using a JIS 1 screwdriver tip.
- Remove the plastic tire frame from the device

Step 4



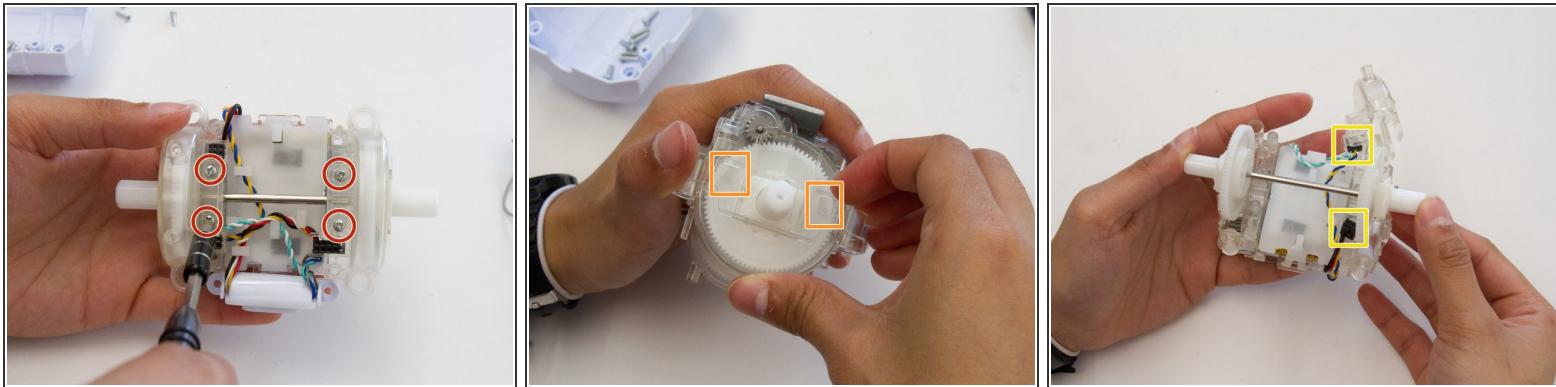
- Loosen and remove the four 10mm Screws on the underside of the device using a JIS 1 tip.
- Firmly grasp the bottom of the device and pull the top half of the outer case off of the bottom.

Step 5



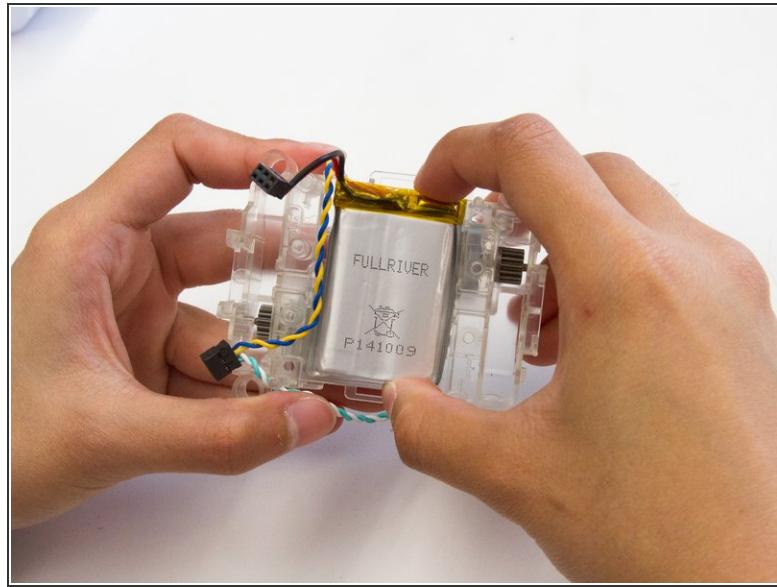
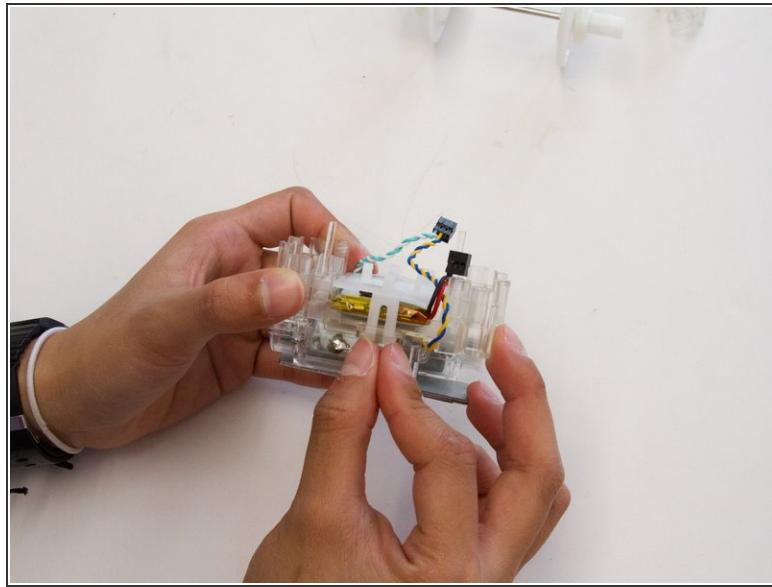
- Loosen and remove the 10mm screws holding the blue tooth connector as well as the two 1.10 screws holding the motherboard to the case using the JIS #1 screwdriver
- Loosen and remove the 10mm screws holding the antenna to the case.
- Gently remove mother board from the case with an upward motion.

Step 6 — Battery



- After you have removed the motherboard, use a JIS #1 screwdriver to remove the **four** 10mm Screws holding in the cog shields.
- Next, you want to pull apart the clips (**two on each side**) holding the top piece of the shield to the frame.
- Then, once you have freed the cogs, you can lift the cog and remove it from the frame.
- *(i)* To completely remove the cog shield out of the way, carefully remove the black pin connectors from the slot in the shield.

Step 7



- Once you have removed the cog out of the way, you can then pinch the clip to access the battery.
- To remove the battery, simply pull on it with slight force as it is held tight by adhesives.

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