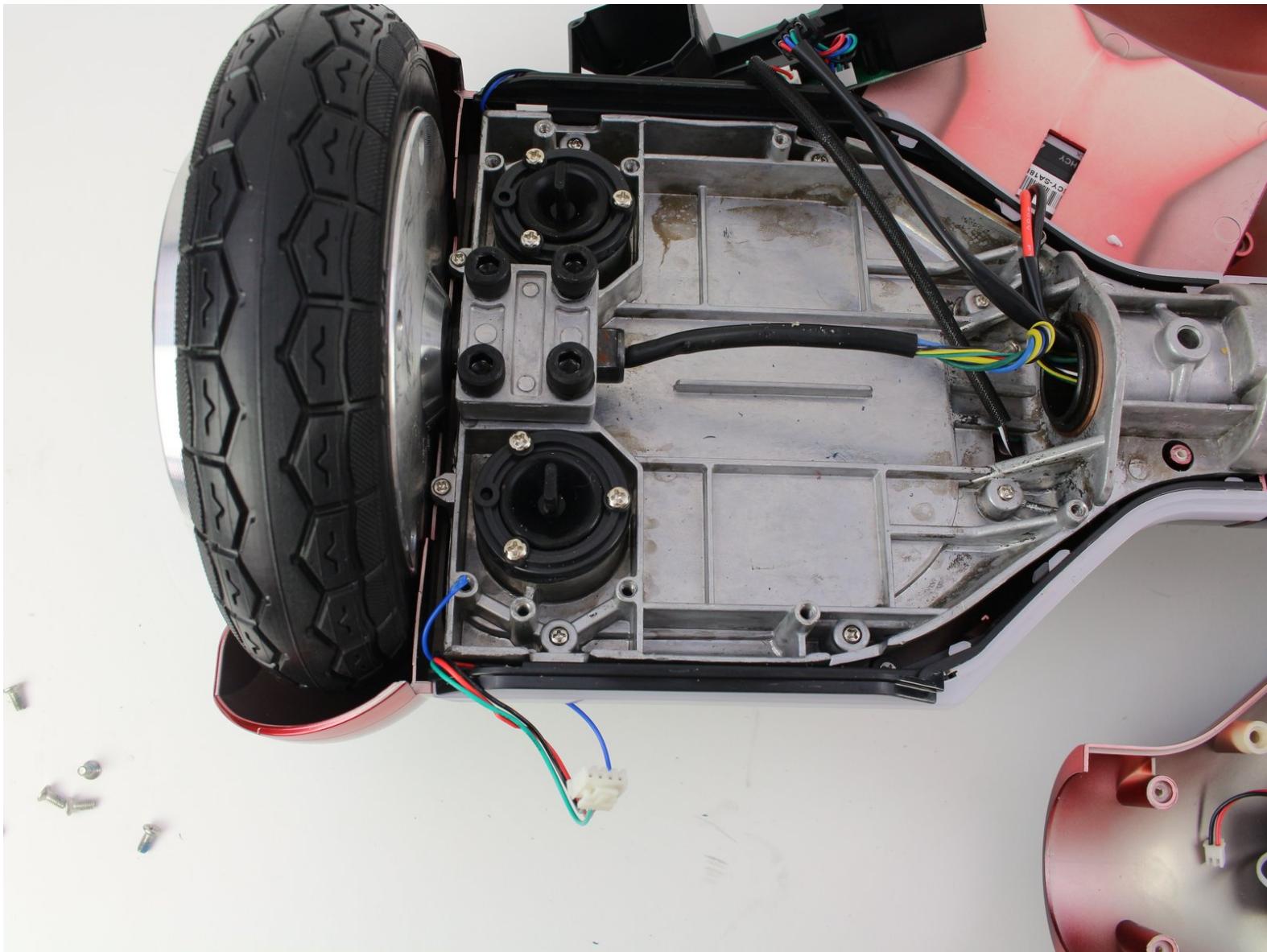




Hover-1 Horizon Left Balancing Sensor Replacement

Replace the left balancing sensors on the Hover-1 Horizon.

Written By: Jesus



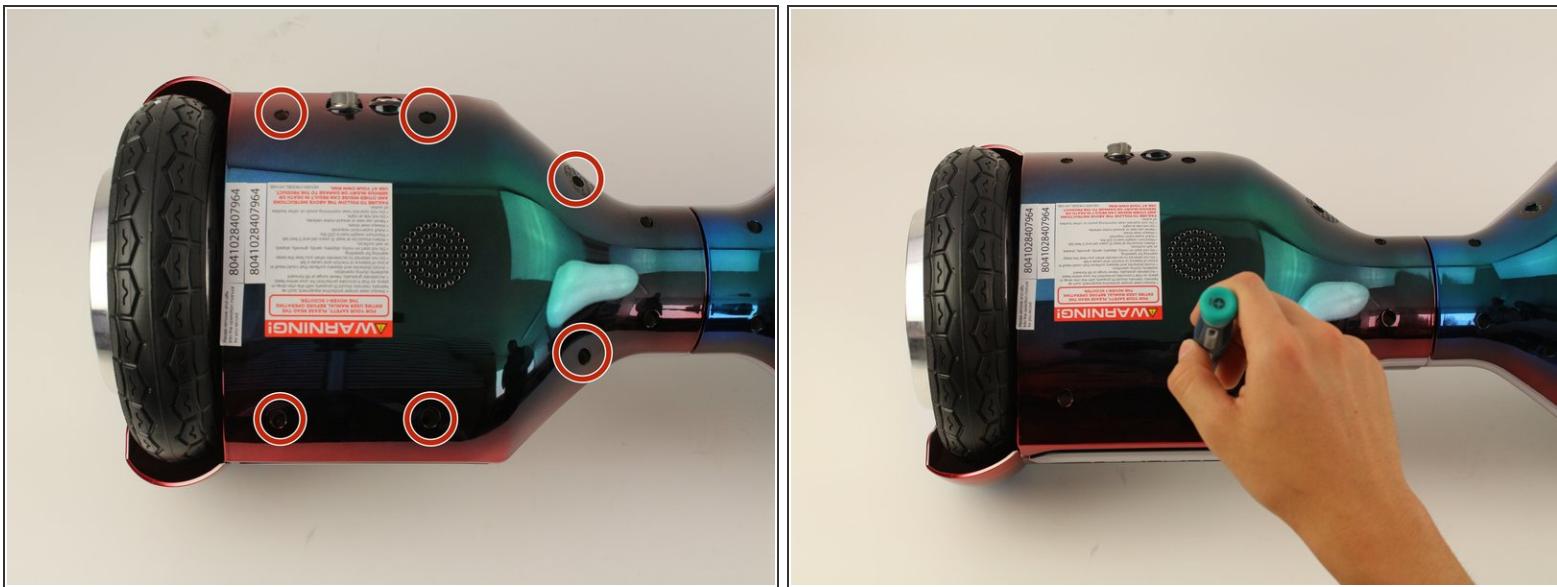
INTRODUCTION

Is your hoverboard unbalanced or leaning to one side while riding? This is a guide to show you how to remove the left balance sensor tab on the Hover-1 Horizon, the most likely culprit to your problem. This guide requires a Phillips #2 and a Phillips #1 screwdriver.

TOOLS:

- [Phillips #1 Screwdriver](#) (1)
- [Phillips #2 Screwdriver](#) (1)

Step 1 — Base Plate



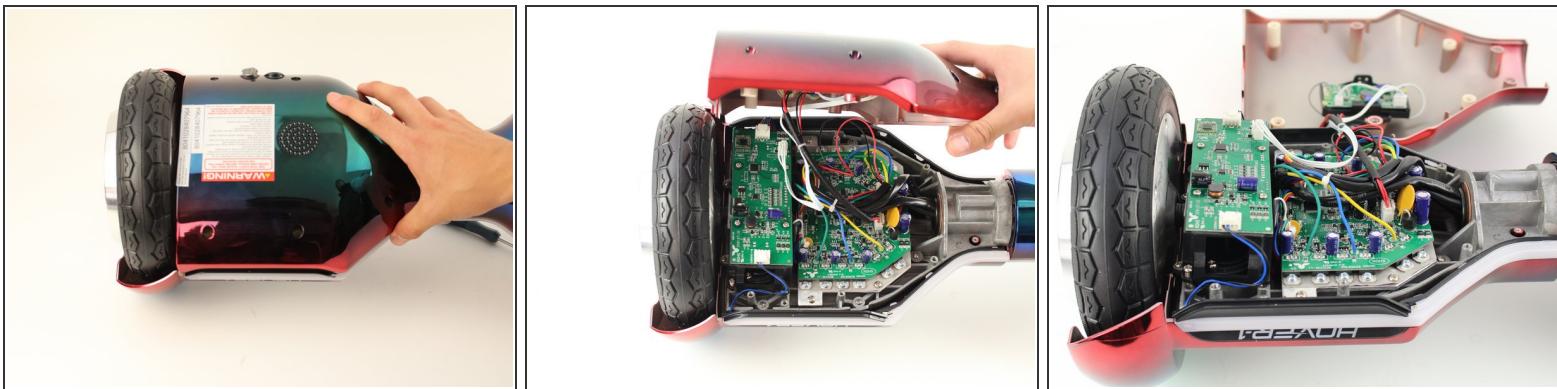
- Remove the six 12mm Phillips #2 screws holding the base plate.

Step 2



- Remove the two 11mm Phillips #1 screws that hold the base plate to the body.

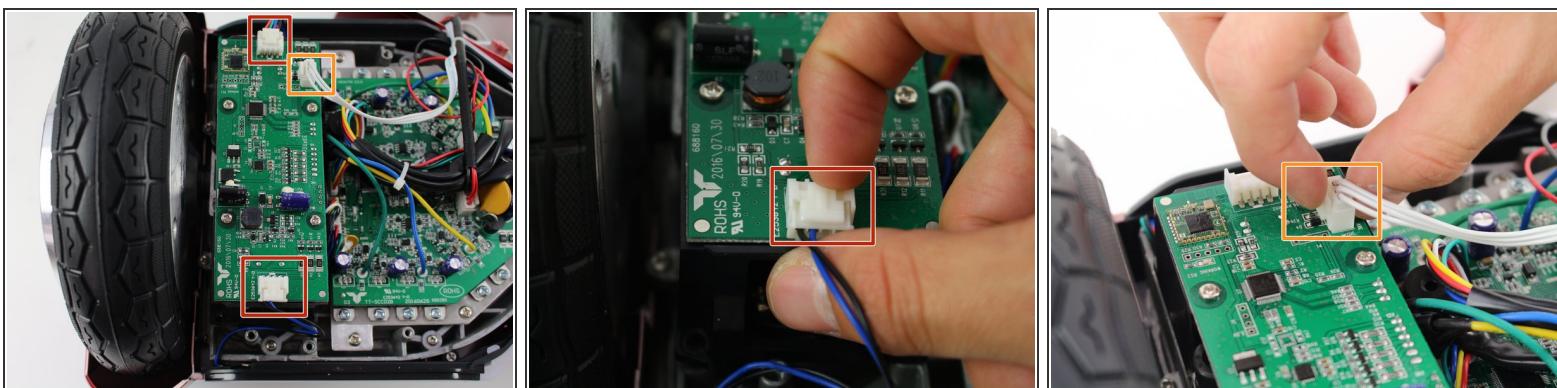
Step 3



- Remove the base plate by lifting it up.

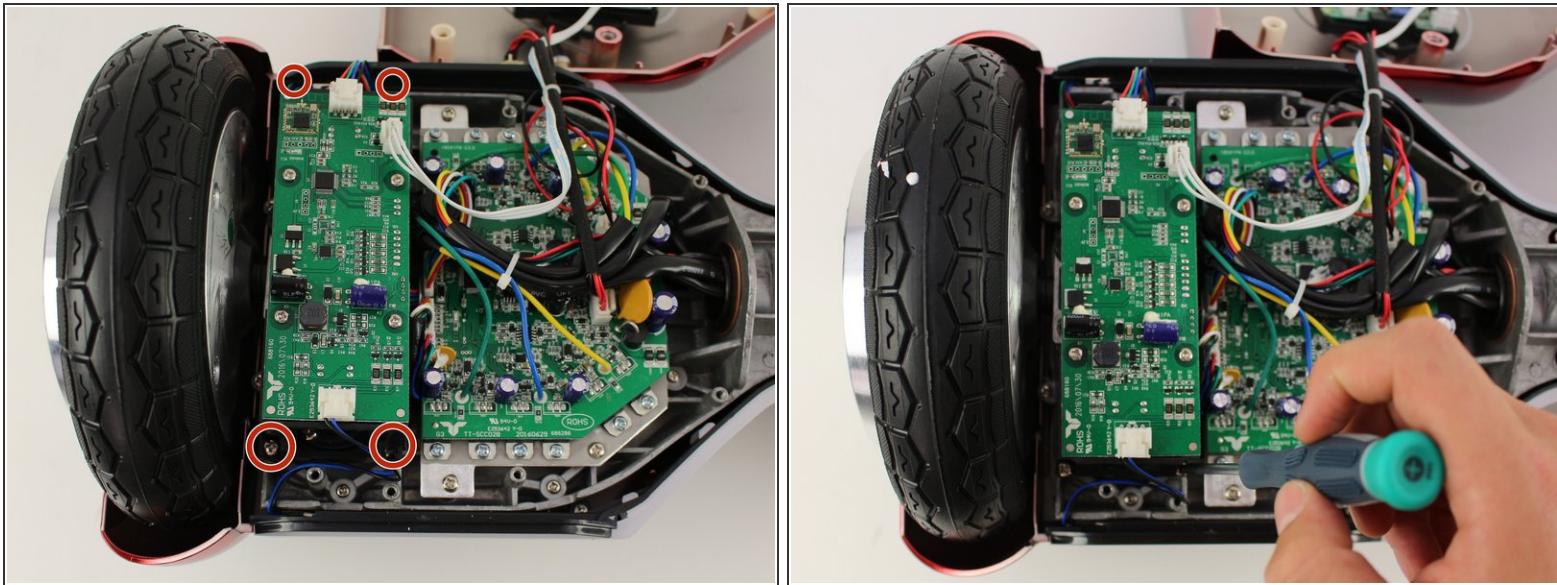
(i) The base plate is connected to the body with wires. The wires are long enough to set the base plate to the side.

Step 4 — Left Gyroscope Sensor Board



- Remove the two connectors on either side of the board by lifting the tab and pulling out.
- Remove the connector in the middle of the board by squeezing the tab and pulling up.

Step 5



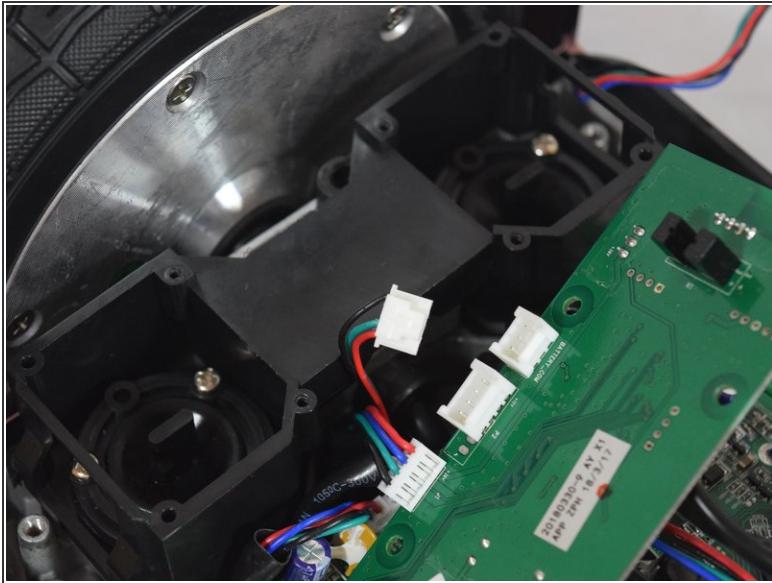
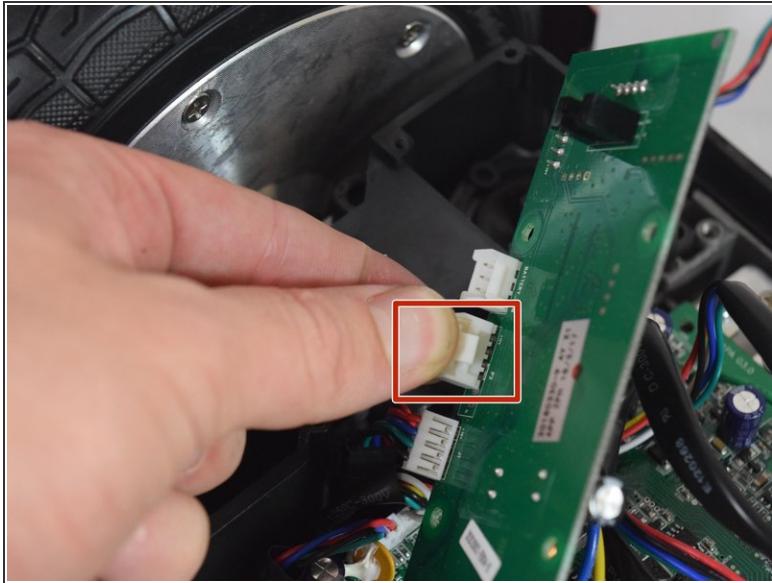
- Remove the four 11mm Phillips #1 screws that hold the cover on.

Step 6



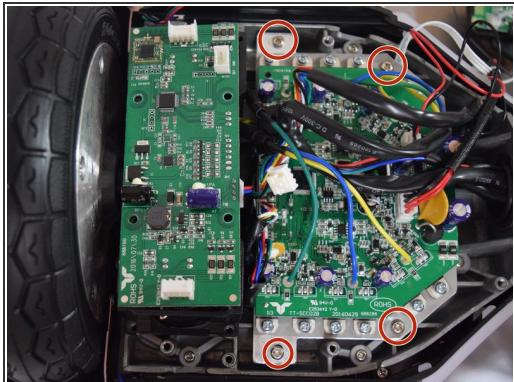
- Remove the four 11mm Phillips #1 screws that attach the gyroscope board to the mount.
- Lift the board to reveal the connections on the bottom.

Step 7



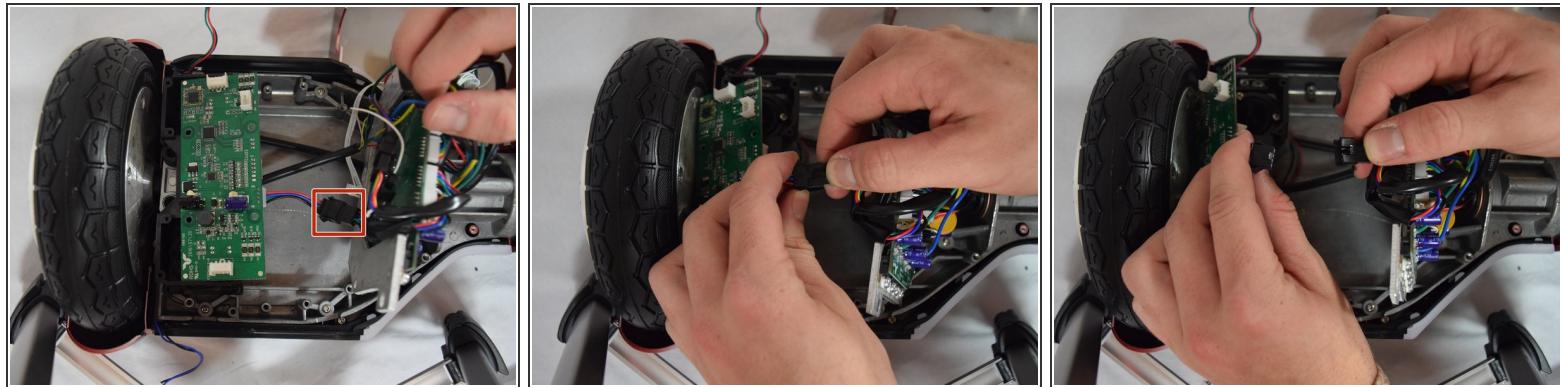
- Remove the middle connector by squeezing the top of the tab and pulling up.

Step 8



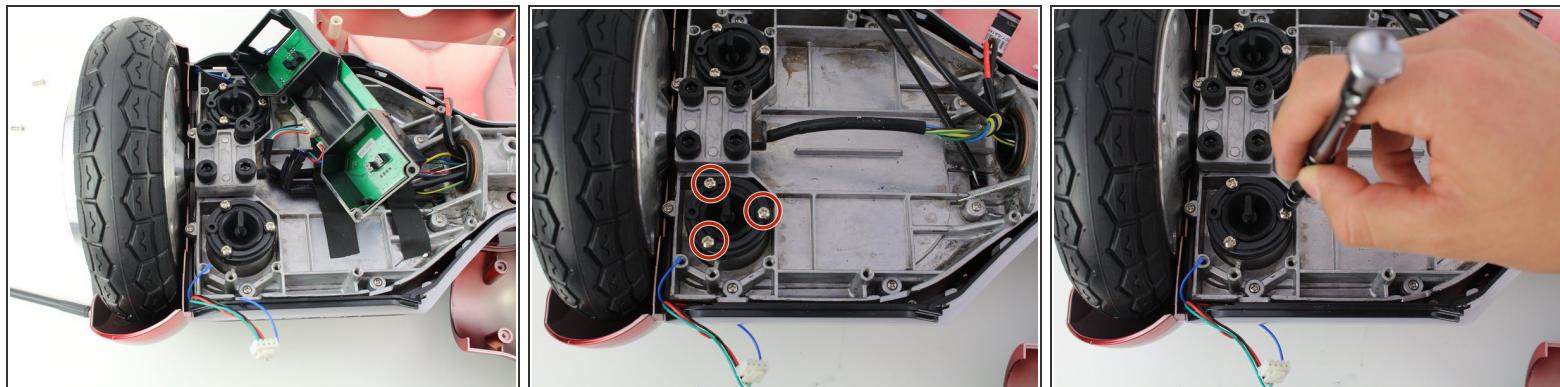
- Remove the four 12mm Phillips #2 screws that hold the motherboard to the base.
- Pull the motherboard away from the gyroscope by grabbing it with two hands and pulling it to the right .

Step 9



- Unclip the black connector by squeezing both sides and pulling them apart.

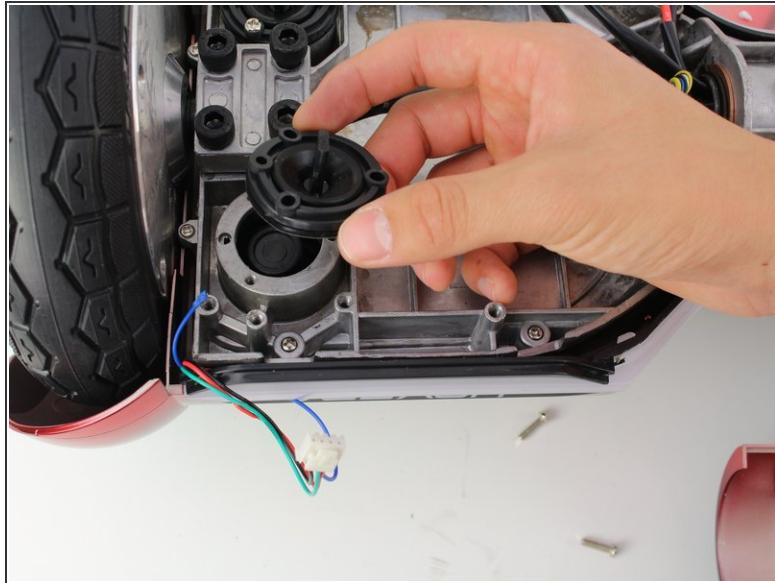
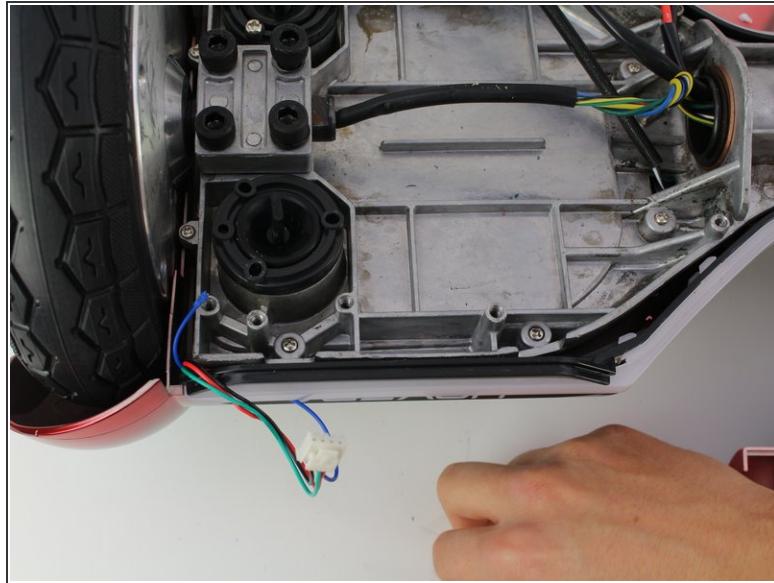
Step 10 — Left Balancing Sensors



- Remove the three 10 mm Phillips #1 screws connecting the balance sensor to the hoverboard.

⚠ The balance sensor tabs are made of sensitive rubber. Screw them back on slowly, and do not over-tighten.

Step 11



- Remove the sensor tab by carefully lifting it away from the hoverboard.

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