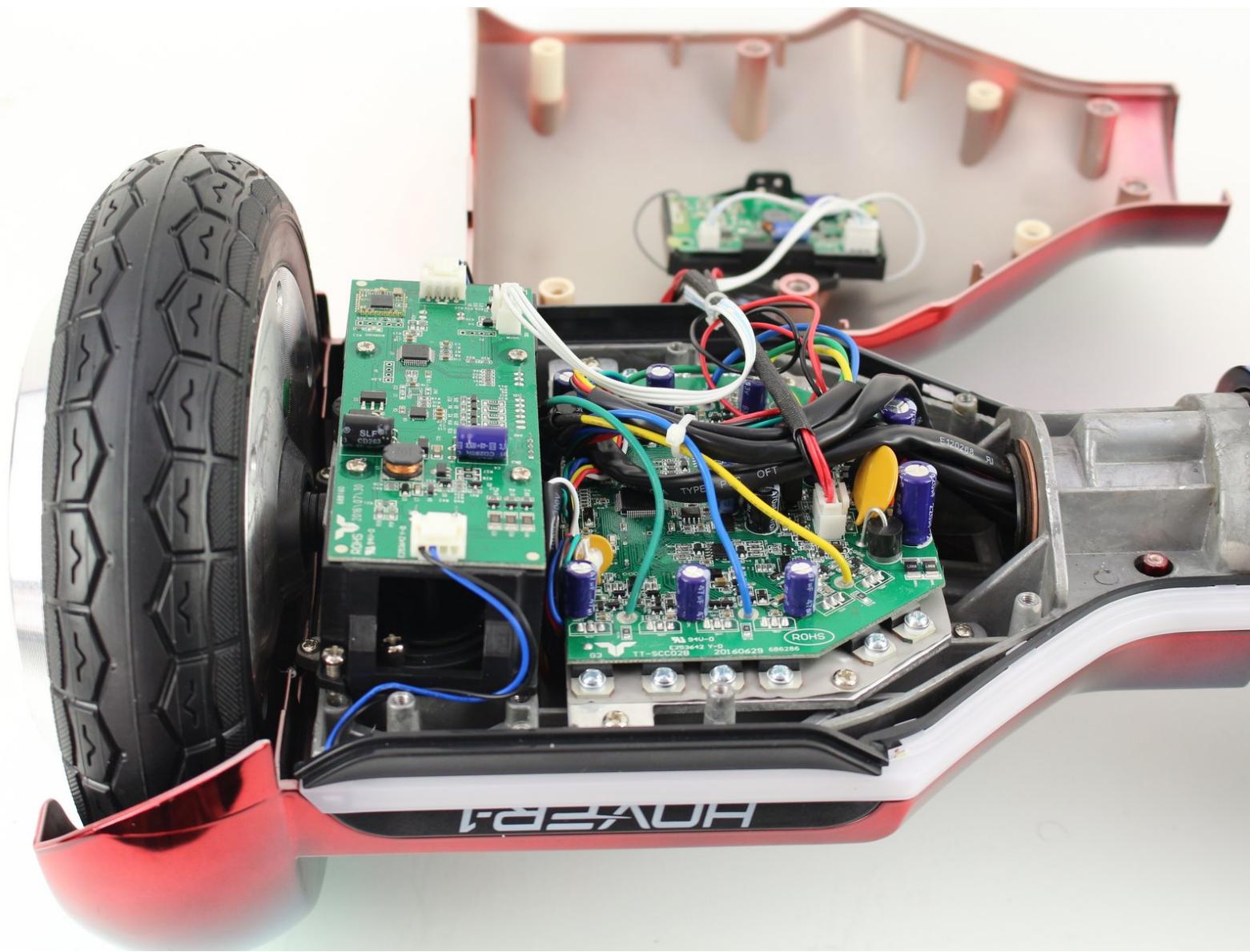




Hover-1 Horizon Left Gyroscope Sensor Board Replacement

Replace the left gyroscope sensor board on the Hover-1 Horizon.

Written By: Casey Winans



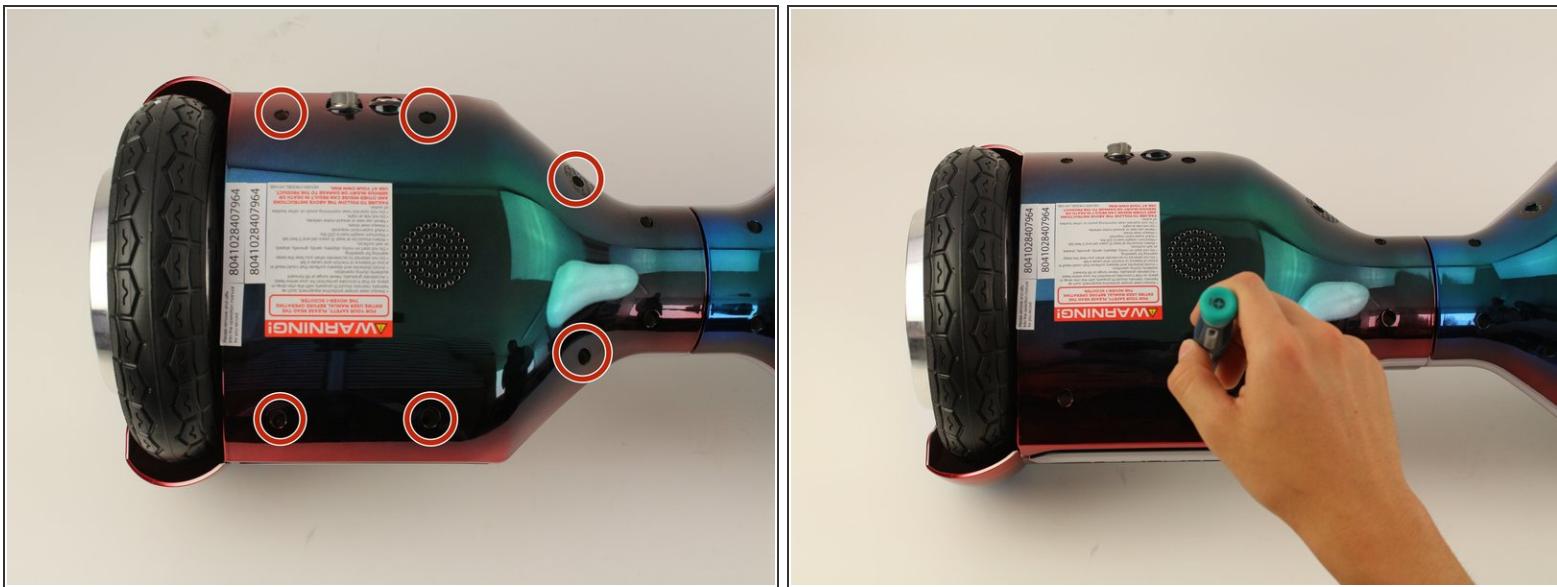
INTRODUCTION

Is one side of your Hover-1 Horizon unresponsive? This is a guide to show you how to replace the left gyroscope board, the most likely culprit to your problem. This guide requires a Phillips #2 and a Phillips #1 screwdriver.

TOOLS:

- **Phillips #2 Screwdriver (1)**
- **Phillips #1 Screwdriver (1)**

Step 1 — Base Plate



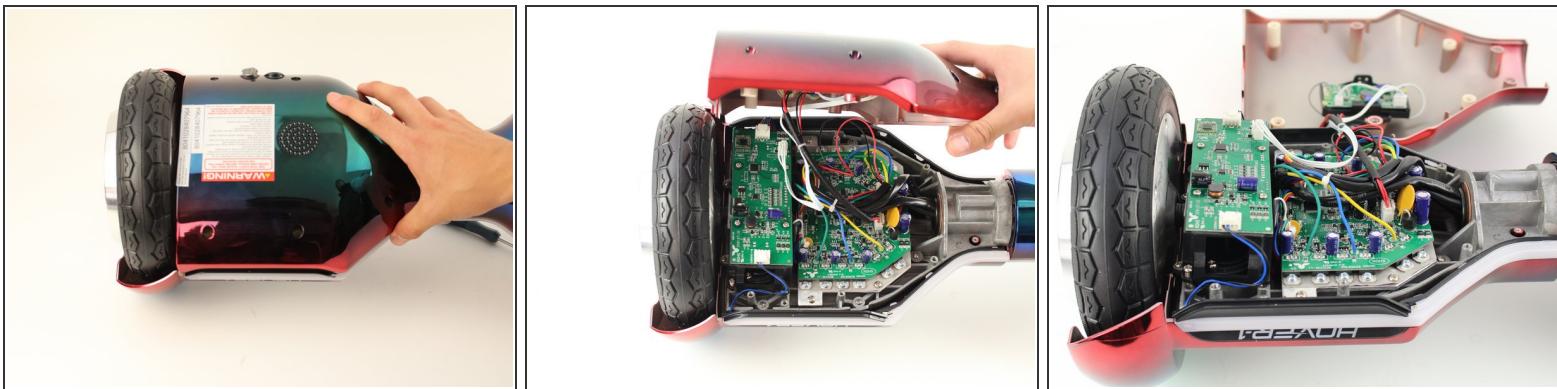
- Remove the six 12mm Phillips #2 screws holding the base plate.

Step 2



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

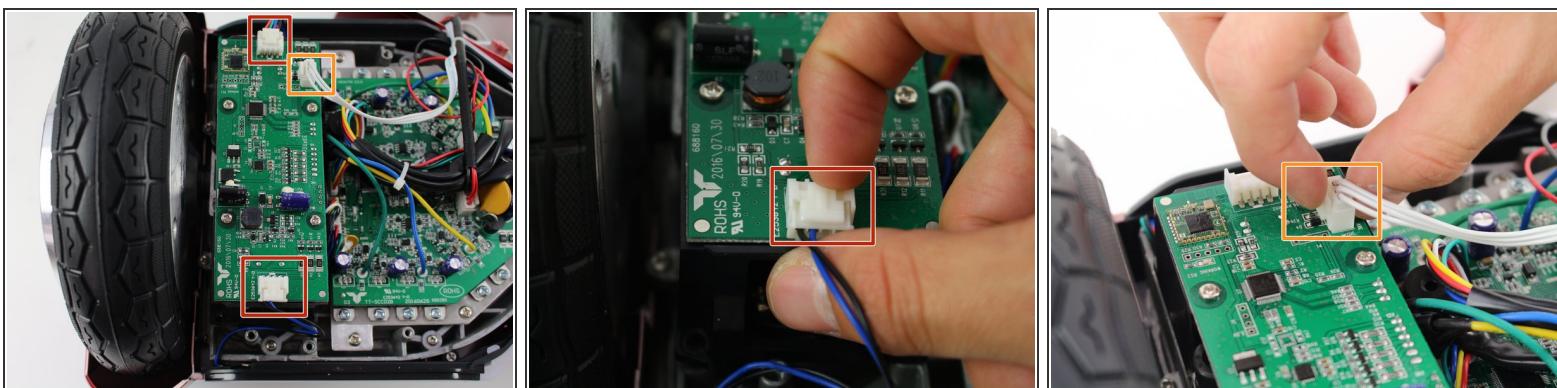
Step 3



- Remove the base plate by lifting it up.

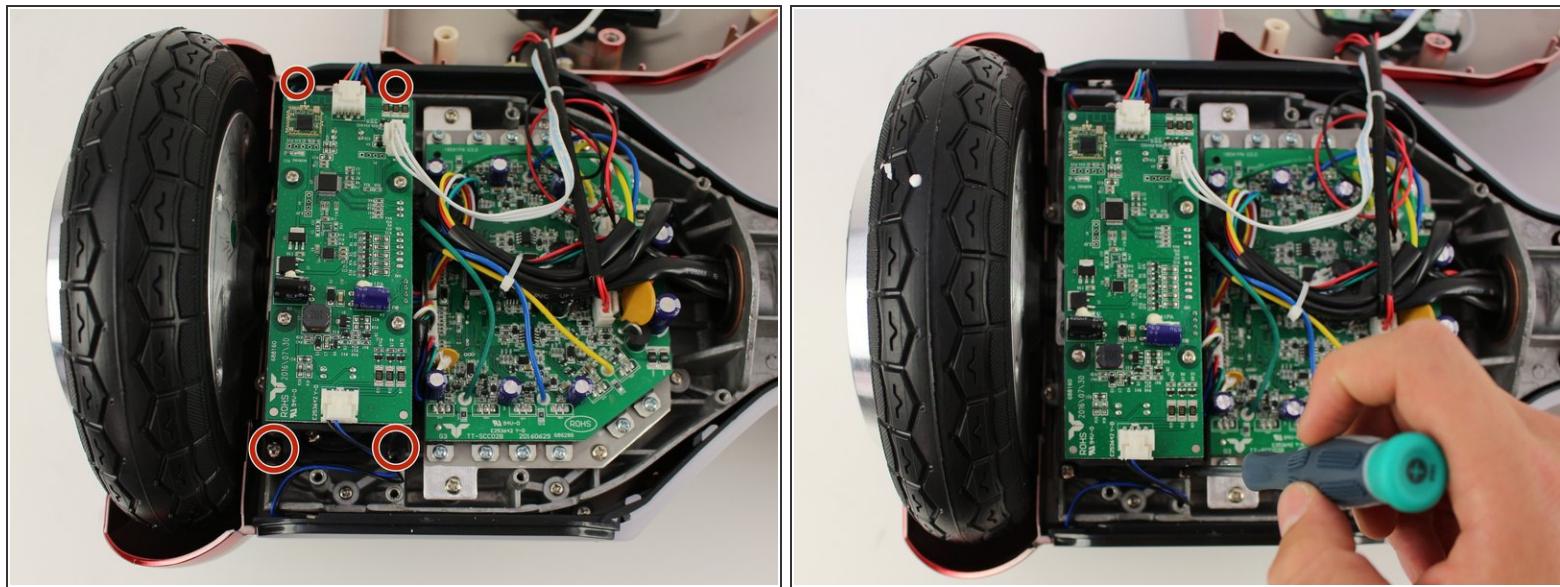
(i) The base plate is connected to the body with wires. The wires are long enough to set the base plate to the side.

Step 4 — Left Gyroscope Sensor Board



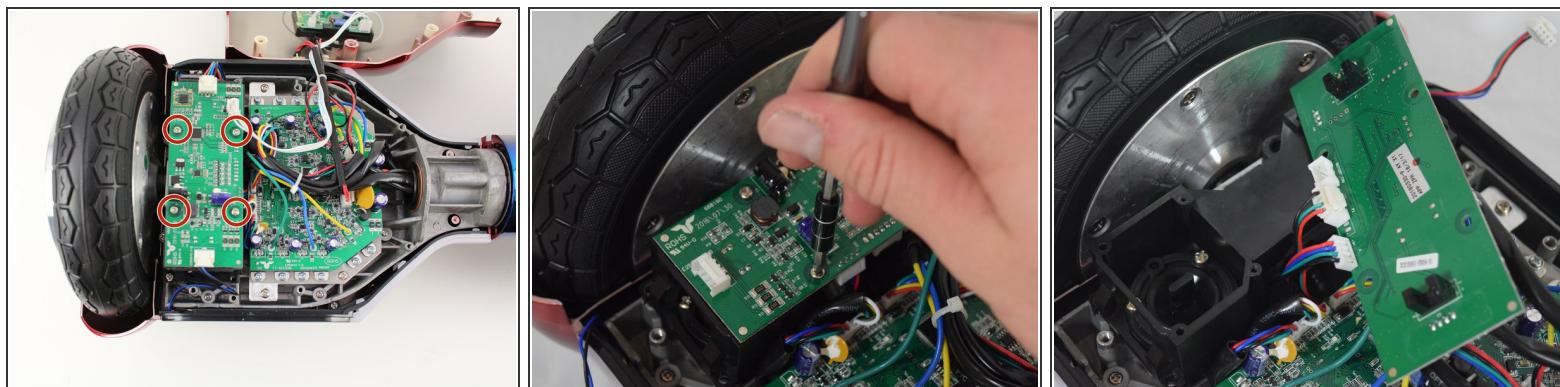
- Remove the two connectors on either side of the board by lifting the tab and pulling out.
- Remove the connector in the middle of the board by squeezing the tab and pulling up.

Step 5



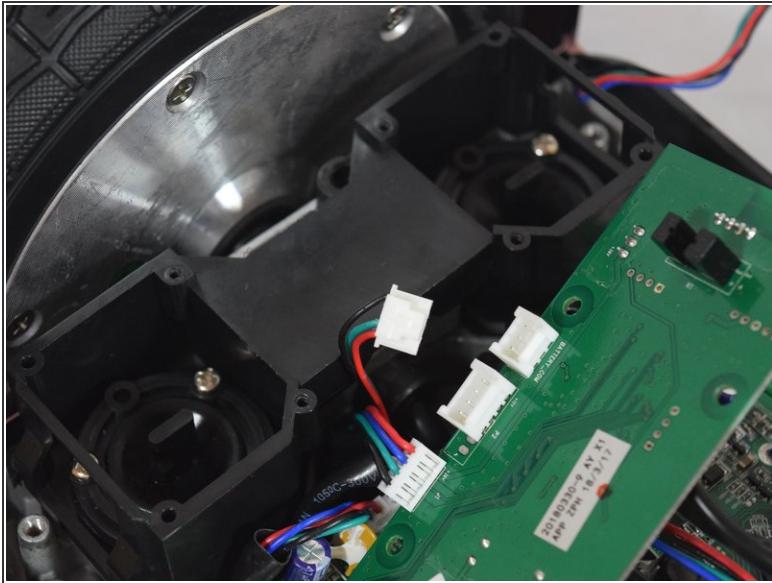
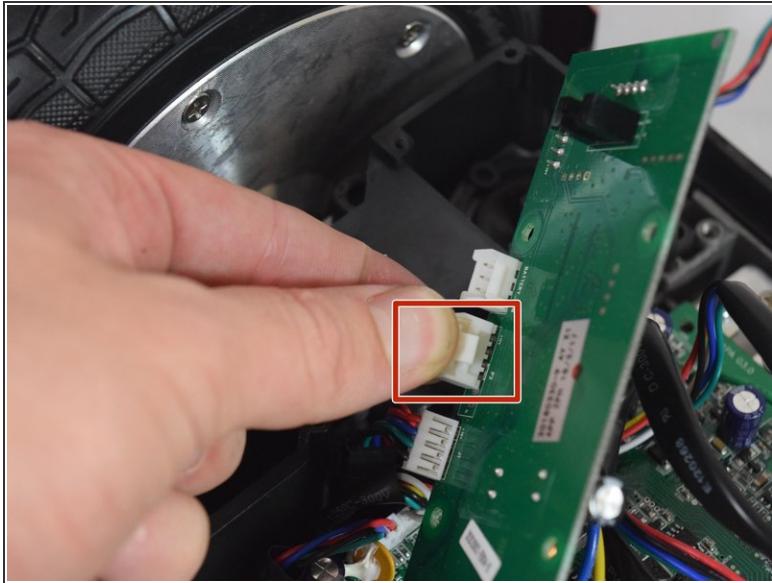
- Remove the four 11mm Phillips #1 screws that hold the cover on.

Step 6



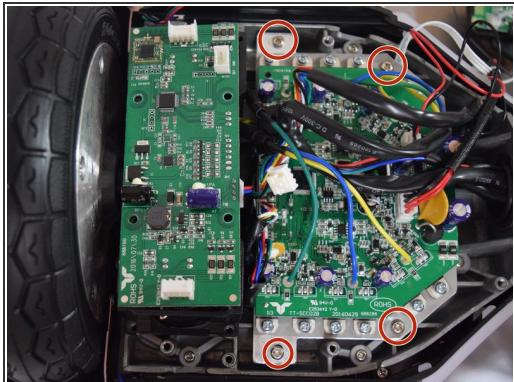
- Remove the four 11mm Phillips #1 screws that attach the gyroscope board to the mount.
- Lift the board to reveal the connections on the bottom.

Step 7



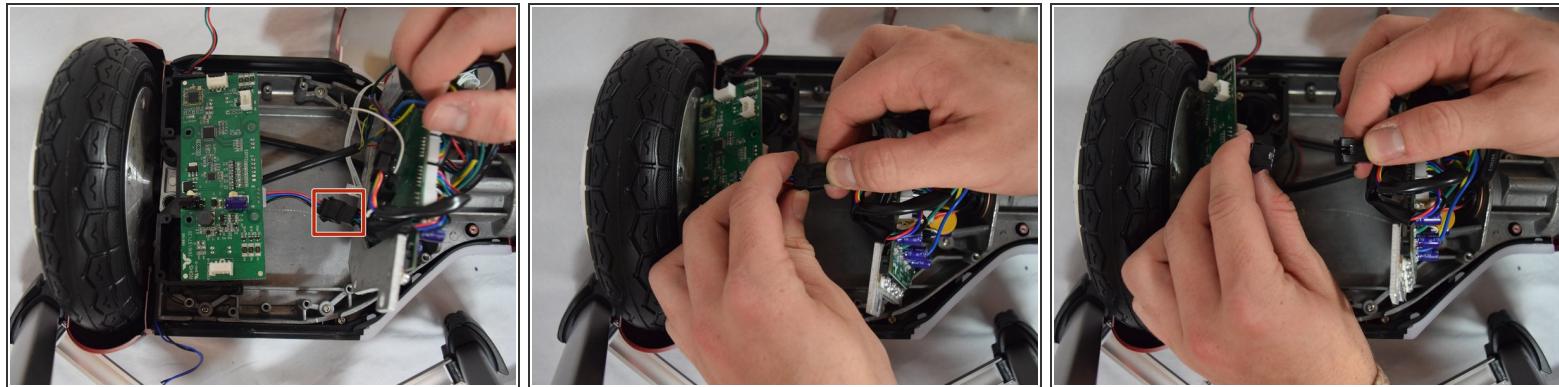
- Remove the middle connector by squeezing the top of the tab and pulling up.

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.

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