



Hover-1 H1 Shell Replacement

How to replace the shell of the Hover-1 H1 hoverboard.

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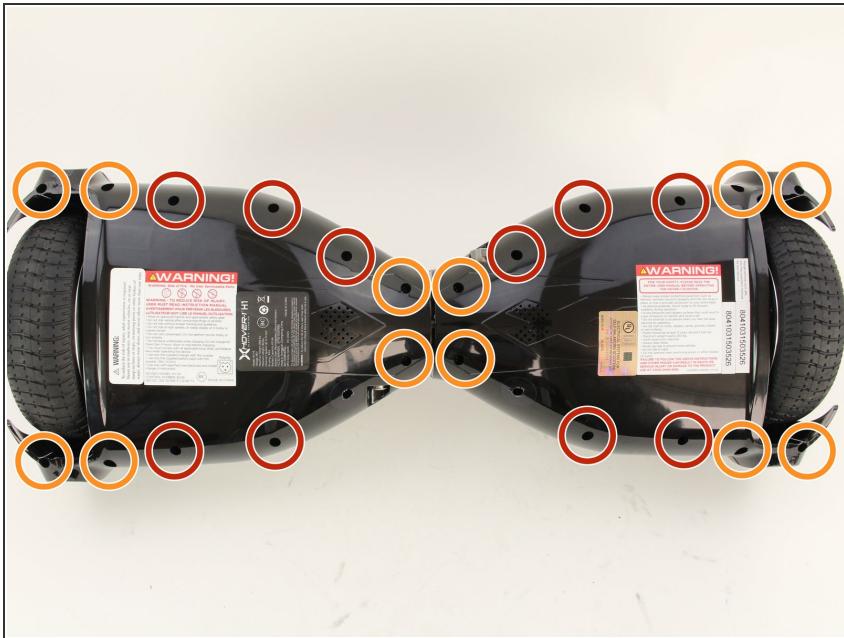
INTRODUCTION

This guide explains how to replace the shell of your Hover-1 H1 hoverboard.

TOOLS:

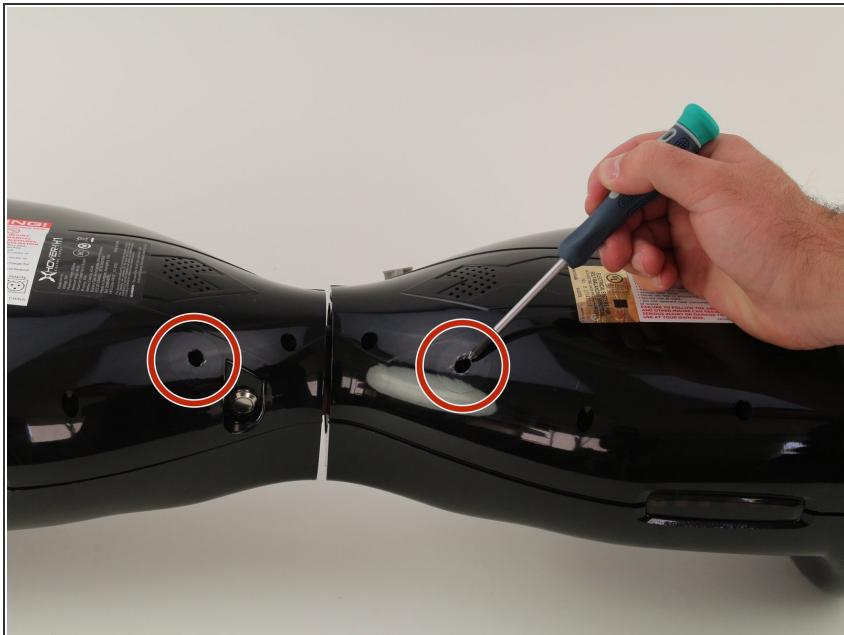
- Utility Knife (1)
- Phillips #2 Screwdriver (1)
- Phillips #0 Screwdriver (1)
- Adjustable Wrench (1)

Step 1 — Bottom Shell



- Remove the ten 9mm machine screws by using a long Phillips #2 screwdriver to rotate the screws counterclockwise.
- Remove the twelve 9mm sheet metal screws by using a long Phillips #2 screwdriver to rotate the screws counterclockwise.

Step 2



- Puncture the two black stickers by using the tip of a screwdriver.
- Remove the two 9mm machine screws by using a long Phillips #2 screwdriver to rotate the screws counterclockwise.

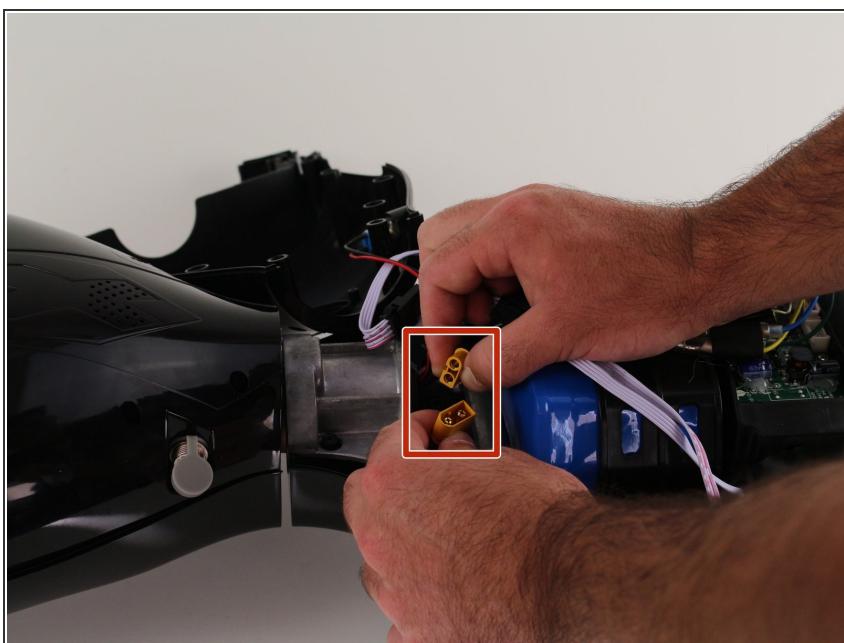
Step 3



- Lift each side of the bottom shell by pulling up.

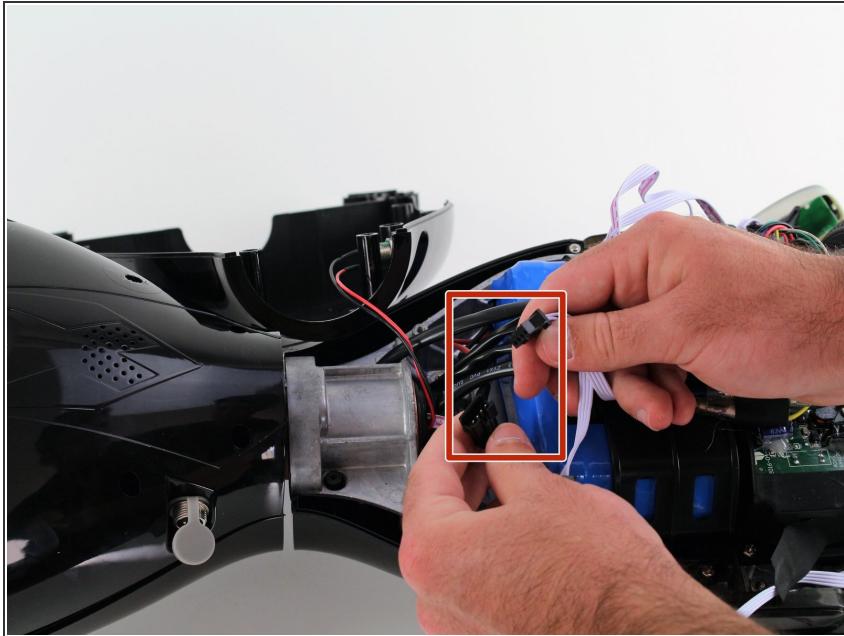
⚠ When lifting the shell, take care to not tear any cables from their connectors.

Step 4



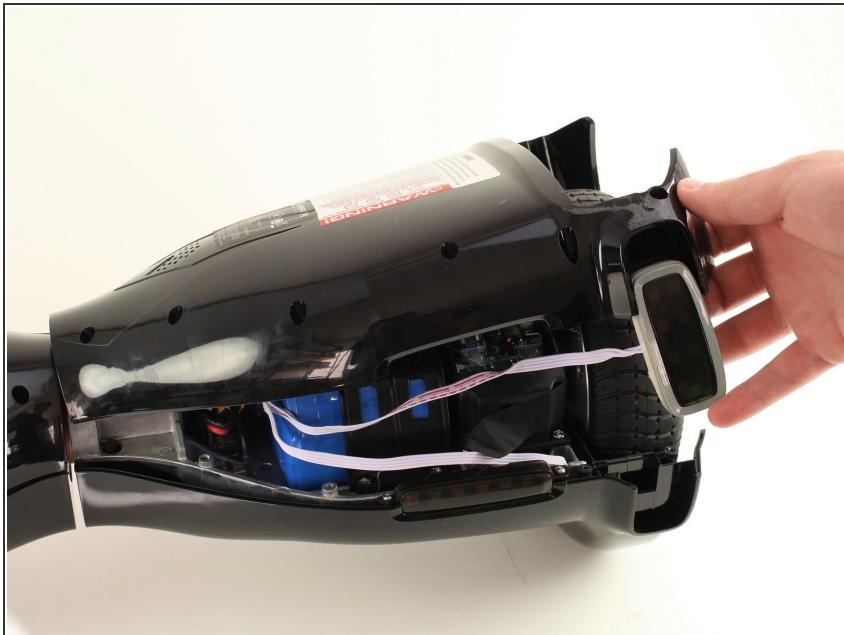
- Unplug the battery by pulling gently on both sides of the orange connector.

Step 5 — LED Headlights



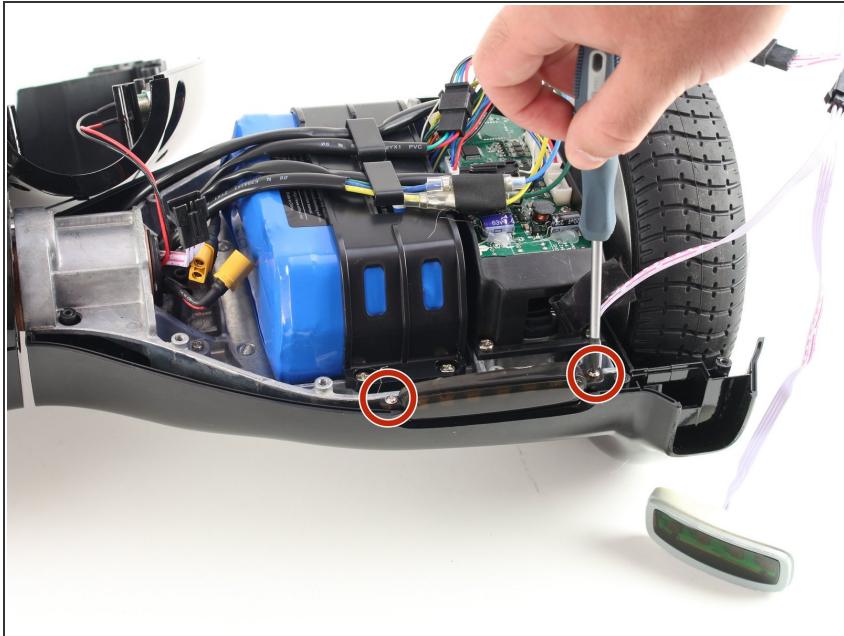
- Unplug the lights from the battery by pulling gently on both sides of the black connector attached to the white wires.

Step 6



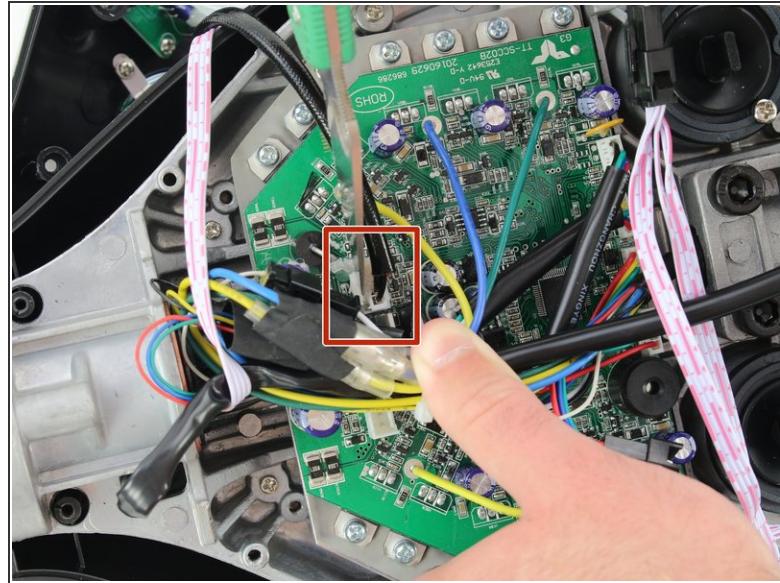
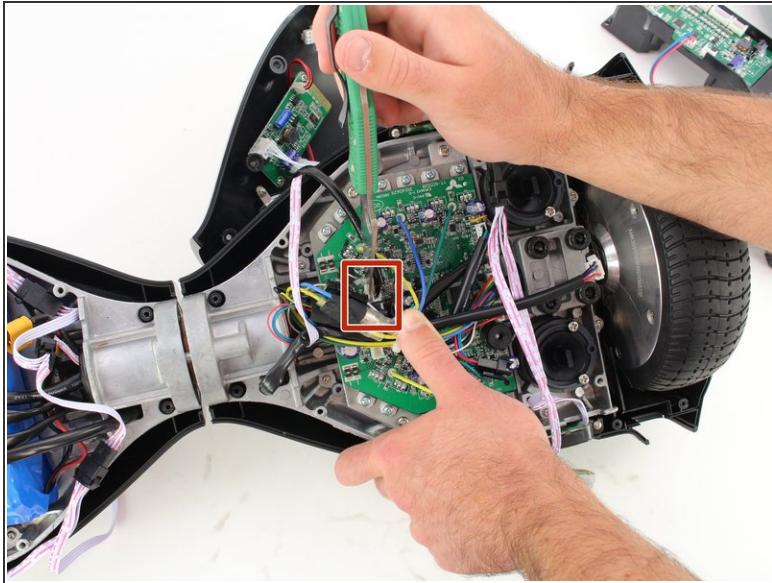
- Remove the vertical light from the shell by using your hands to pull it free from the surrounding shell.

Step 7



- Remove two 8mm screws using a Phillips #0 screwdriver to rotate the screws counterclockwise.
- Remove the horizontal light by using your fingers to pull the light up out of the shell.

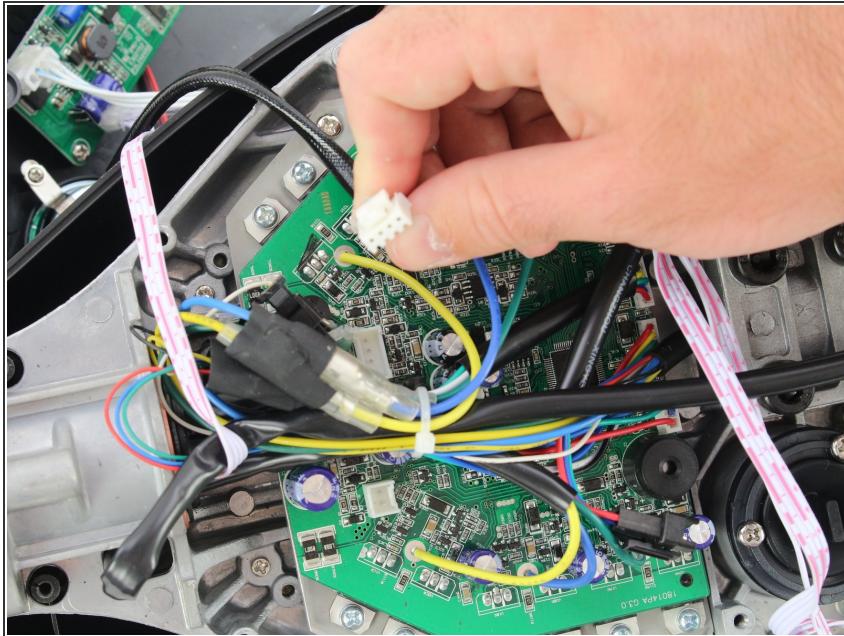
Step 8 — Charging Port



- Using a utility knife, scratch off the hot glue from the connector attaching the red and black wires to the motherboard.

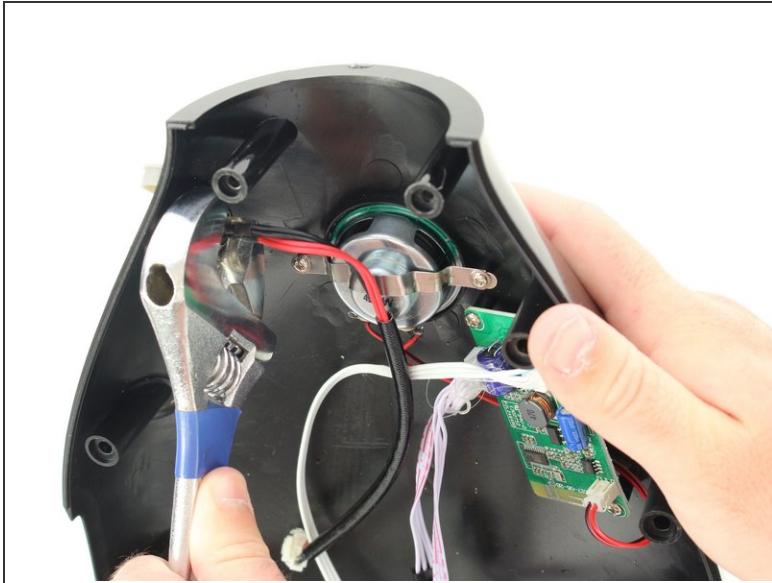
⚠ Be careful to not damage the wires or connector when removing the glue.

Step 9



- Remove the charging port connector from the motherboard by squeezing the connector and pulling the connector up.

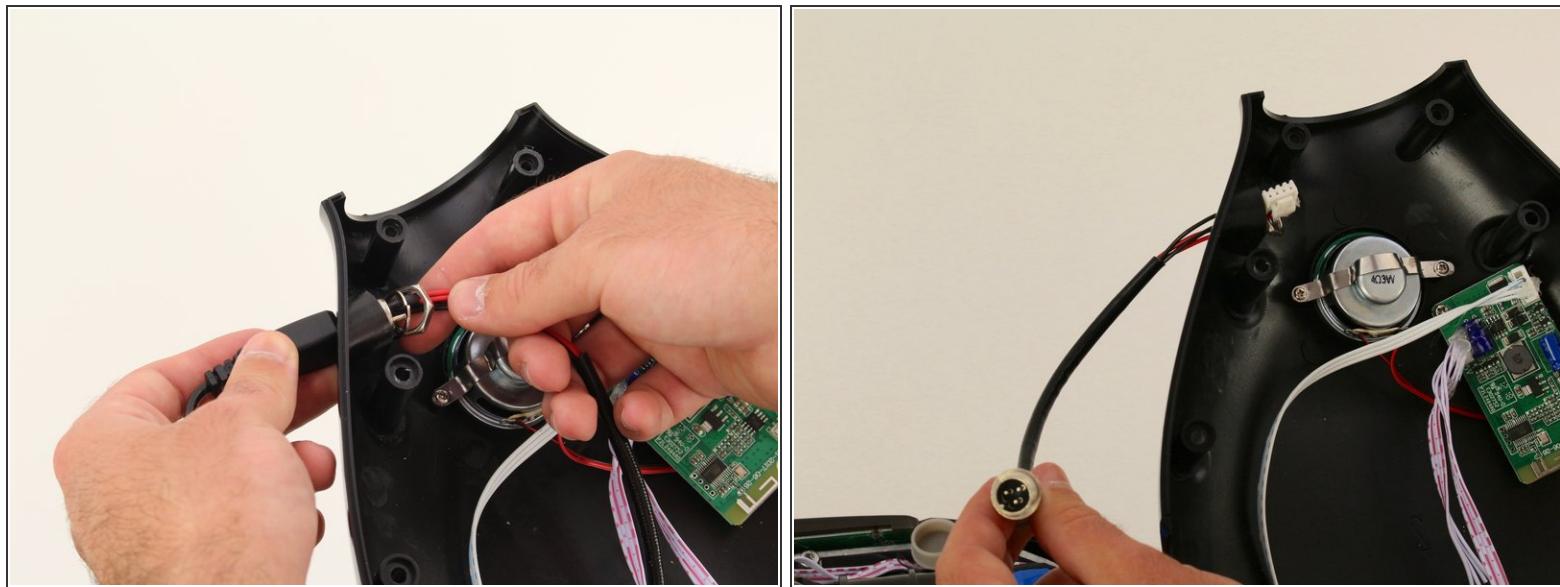
Step 10



- Using an adjustable wrench, unscrew the nut that is attaching the charging port to the bottom shell.

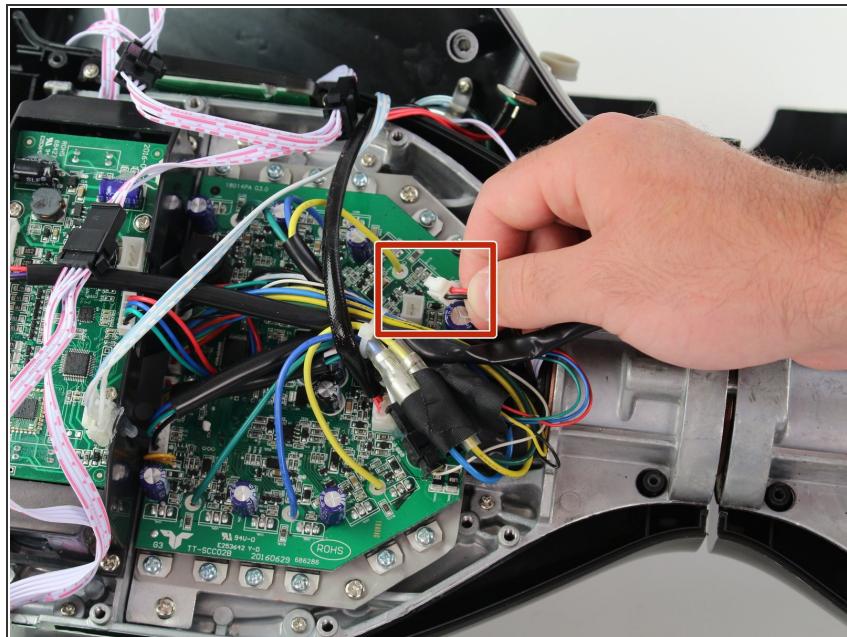
(i) It might be helpful to put the charger in the charging port while unscrewing the nut to ensure that the port is not spinning.

Step 11



- Pull the charging port to the left through the shell.

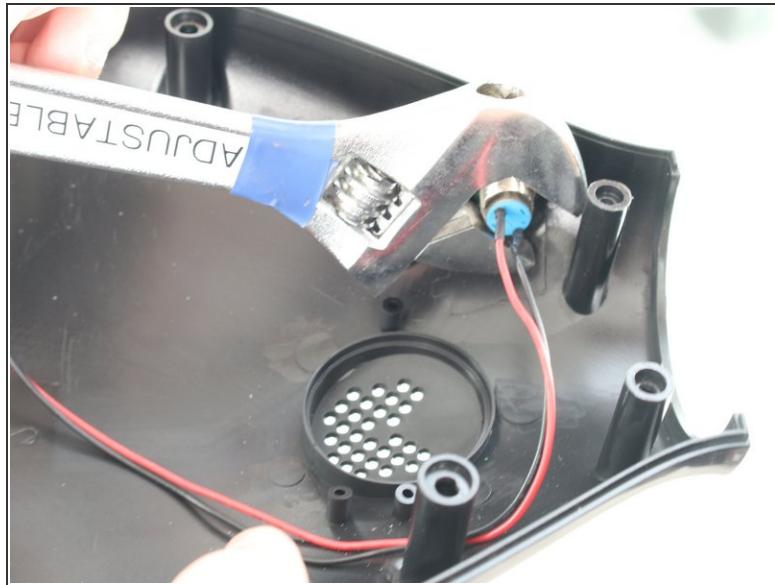
Step 12 — Power Button



- Unplug the power button connector by pinching the tab on the front and pulling directly upwards.
- Pull the cable through the center section of the hoverboard.

 For reassembly, you will have to feed the cable back through the center section. This can be done using a rigid wire or cable.

Step 13



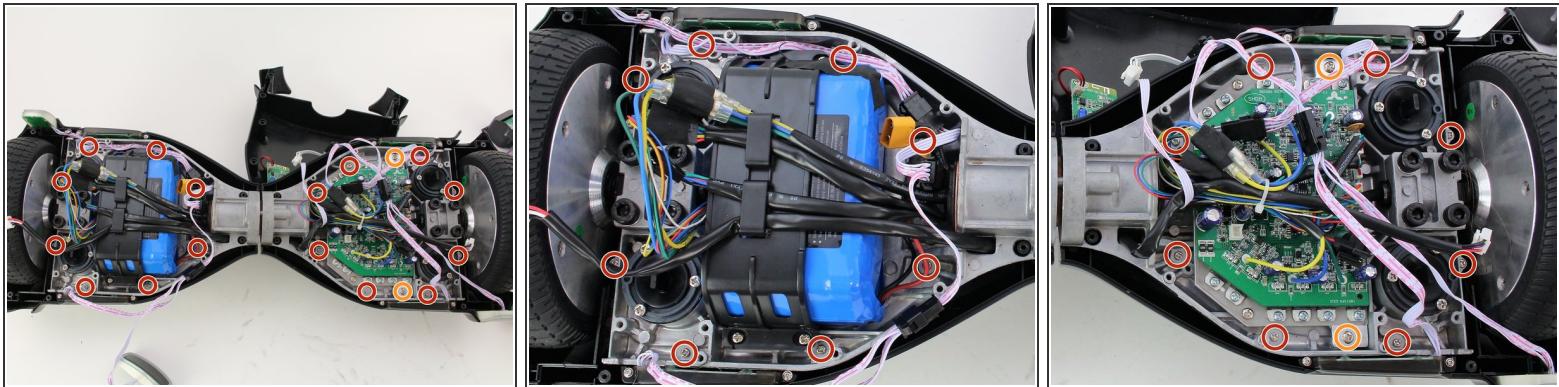
- Using an adjustable wrench, remove the nut on the back of the power button by rotating the nut counterclockwise.

Step 14



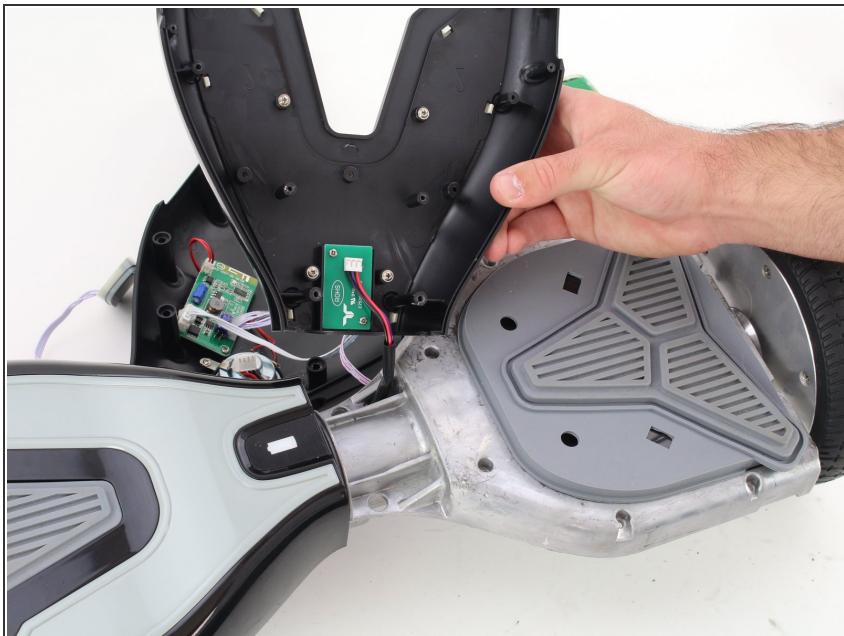
- Pull the power button through the hole in the shell.

Step 15 — Shell



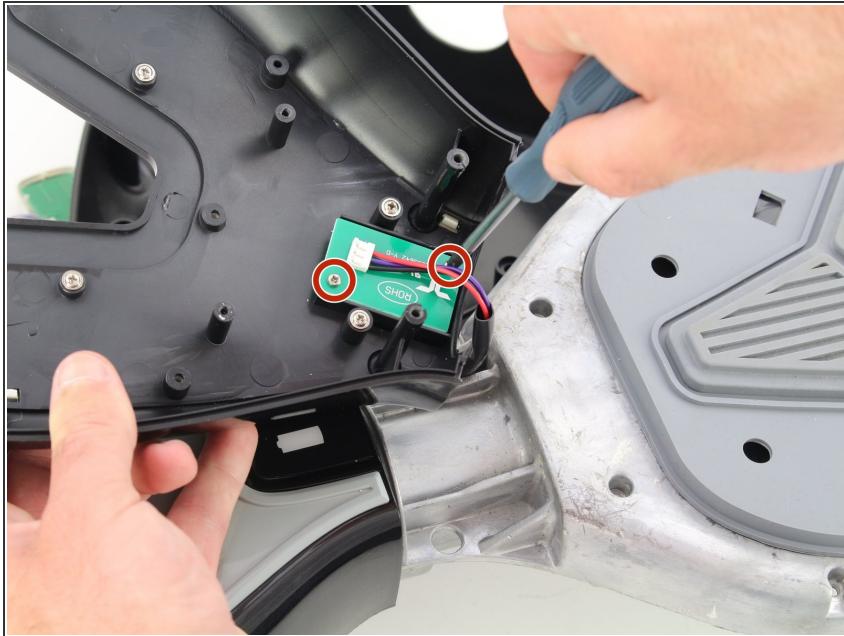
- Remove the sixteen 10mm Phillips #2 machine screws by using a screwdriver to rotate the screws counterclockwise.
- Remove the two 12mm Phillips #2 machine screws by using a screwdriver to rotate the screws counterclockwise.

Step 16



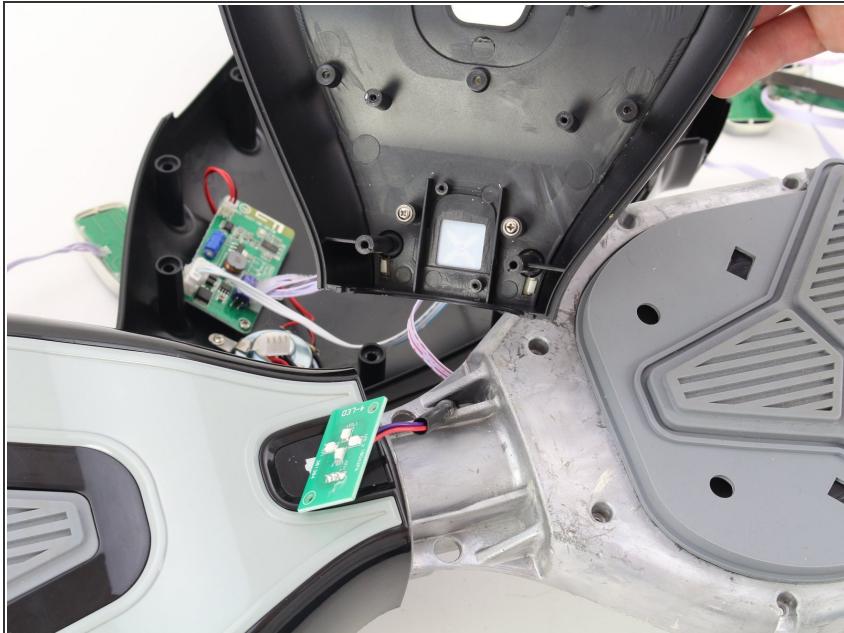
- Lift both the left and right sides of the top half of the shell from the hoverboard's chassis.

Step 17



- Remove the two 8mm Phillips #0 screws on the right half of the shell by using a screwdriver to rotate the screws counterclockwise.
- Repeat for the left side of the shell.

Step 18



- Lift the shell to remove it from the chassis.

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