



Zoomer Meowzies Chest Sensor Replacement

To replace a faulty chest sensor.

Written By: Mitchell Gentry



INTRODUCTION

The chest sensor is needed for many of the device's functions, making it one of the device's most important features. This guide will go over the steps to remove and replace the sensor in case it becomes damaged.

TOOLS:

- [Phillips #1 Screwdriver](#) (1)
- [Triangular headed Screwdriver](#) (1)
- [Soldering Iron](#) (1)
- [Solder](#) (1)

May be need when replacing.

PARTS:

- [Infarred Chest Sensor](#) (1)

Step 1 — Legs



- Using the Triangle driver remove the four 7.5 mm screws.
- ⓘ The two front screws are deeper than the two on the back legs which may cause difficulties. These can be reached by putting the bit in first then carefully putting the driver on slightly (not all the way)

Step 2



- Turn the device so that the the device is on its side.
- Hold the back and belly on the device and gently pull apart.
- ⚠ Pulling with too much force might damage a few cables inside, so caution is needed.

Step 3



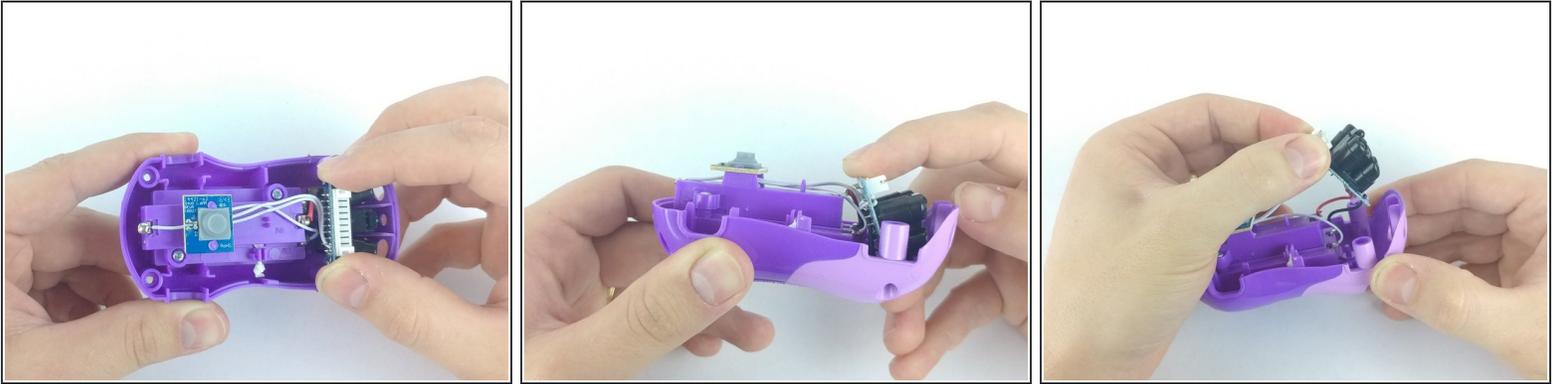
- With insides exposed, grab leg and gently pull up and away from the body to detach them. Repeat for all legs needed.

Step 4 — Chest Sensor



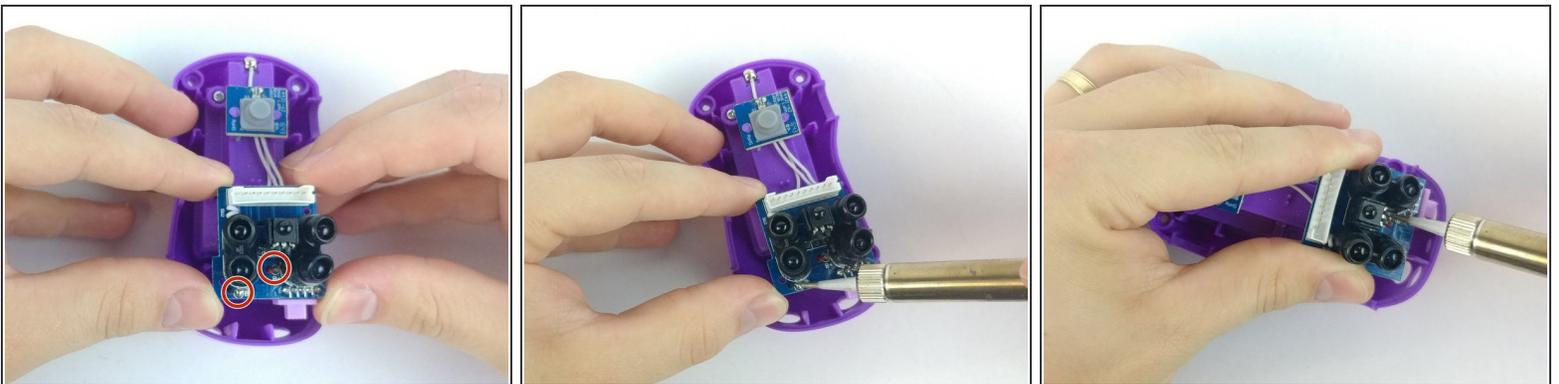
- Carefully pry the ribbon cable from the connector.
- ⓘ Though we find it easier to use our fingers, the pry-tools may be useful.

Step 5



- For easier access to the sensor, tilt and pull the sensor away from the body.

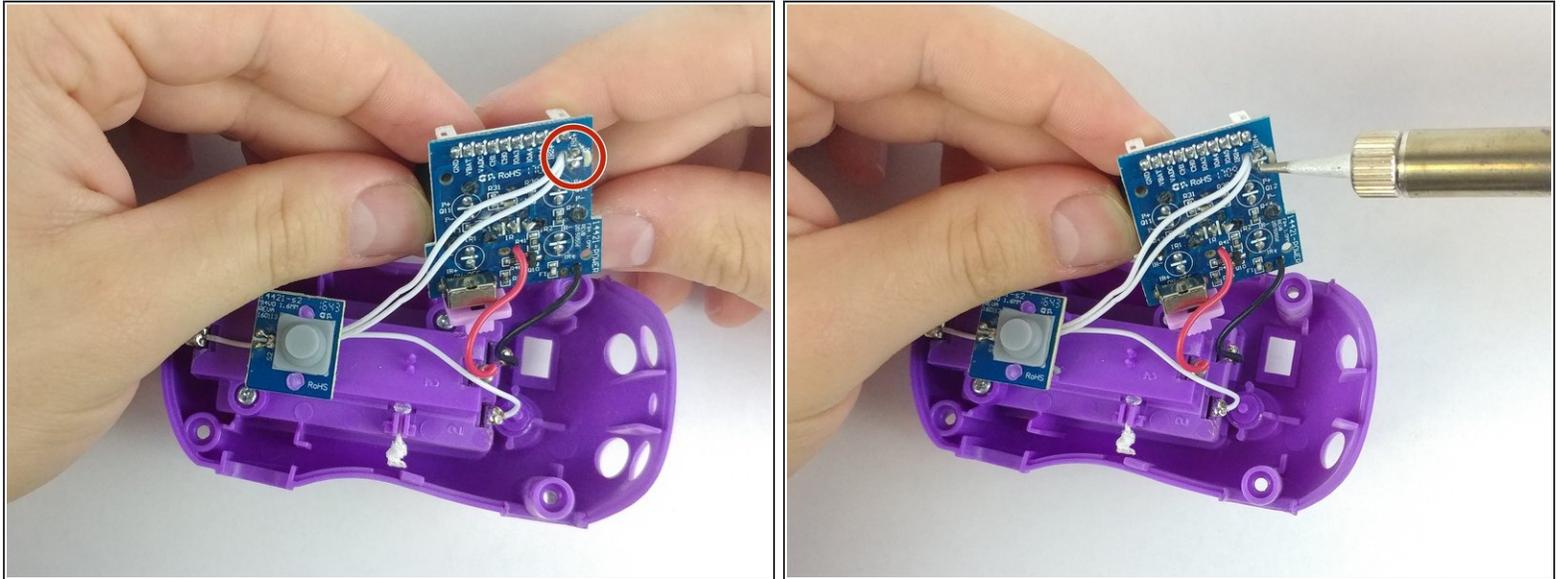
Step 6



- To remove the sensors, use a soldering iron to solder the two points and remove the red and black wires from the reverse side.

 The soldering iron is very hot, so take caution not to touch it directly in order to avoid burns.

Step 7



- Turn the sensors over and locate the solder points of the remaining white wires. Heat the solder and remove the pair of wires.
- The sensor should be completely detachable now.

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