Lasergrip 1080 Sensor Replacement

The device isn't reading the correct temperatures or is reading nothing at all. The sensor within the device needs to be repaired.

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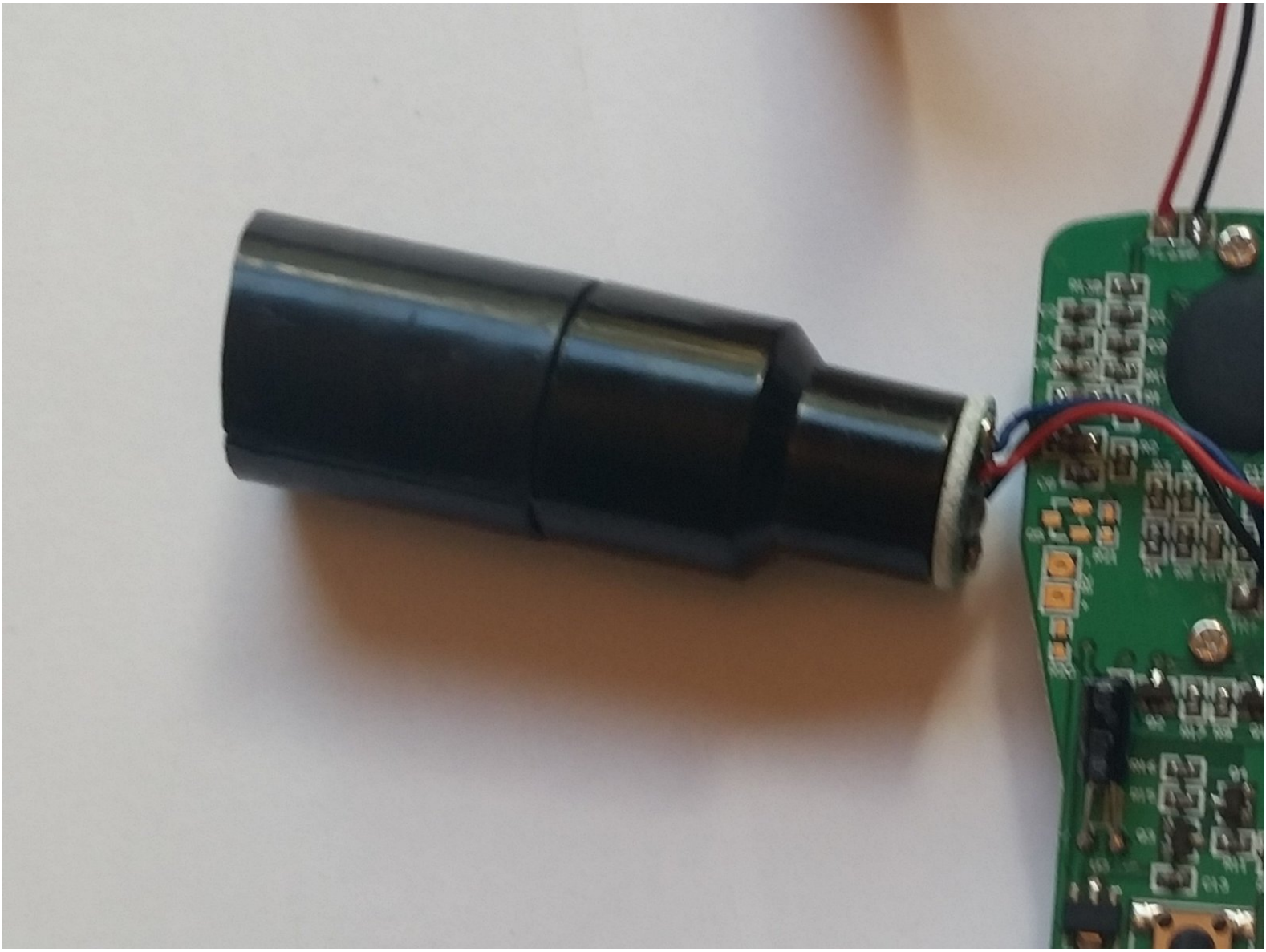


INTRODUCTION

This guide will show how to disconnect the sensor from the motherboard for replacement or repair. This guide is necessary if the device will not read any temperatures or is reading incorrect temperatures. The tools required are a screwdriver and soldering iron. Because a soldering iron presents a hazard, there is a link to a soldering guide in the Troubleshooting section of the device page.

TOOLS:

- Soldering Iron (1)
- Phillips #0 Screwdriver (1)
- iFixit Opening Tools (1)

Step 1 — Battery

- Pull the battery cover away from the handle by gripping near the thumb groove.

Step 2

- Gently pull the battery out of the handle.

⚠ Excessive force could damage wires.

Step 3

- Disconnect the battery by pulling the connector away from it.
  - Positive first
  - Negative second

⚠ When replacing the battery, this order is reversed.

Step 4 — Buttons

- Remove the battery cover from the device by pulling it straight out.

Step 5

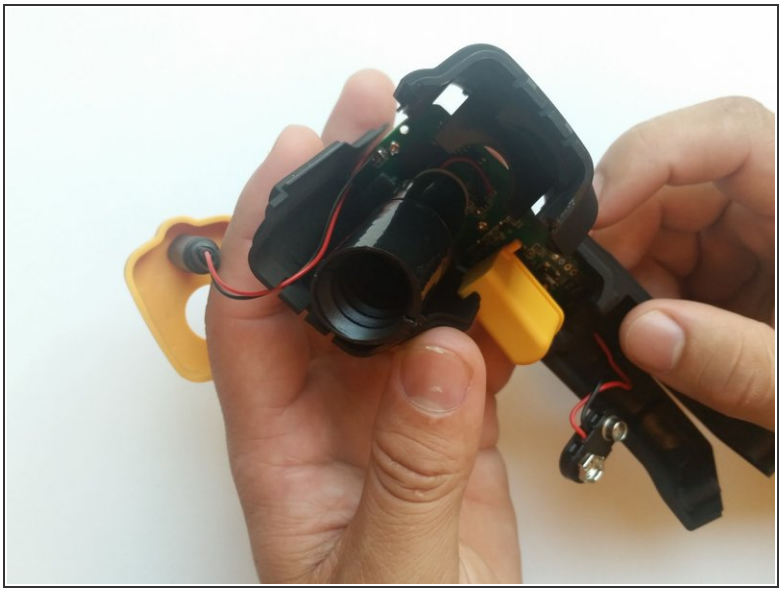
- Using the plastic opening tool remove the front and rear yellow covers.

⚠ When removing the back cover, be careful not to lose the buttons as they are not connected.

Step 6

- Remove the two 3.1 mm Phillips #0 screws.

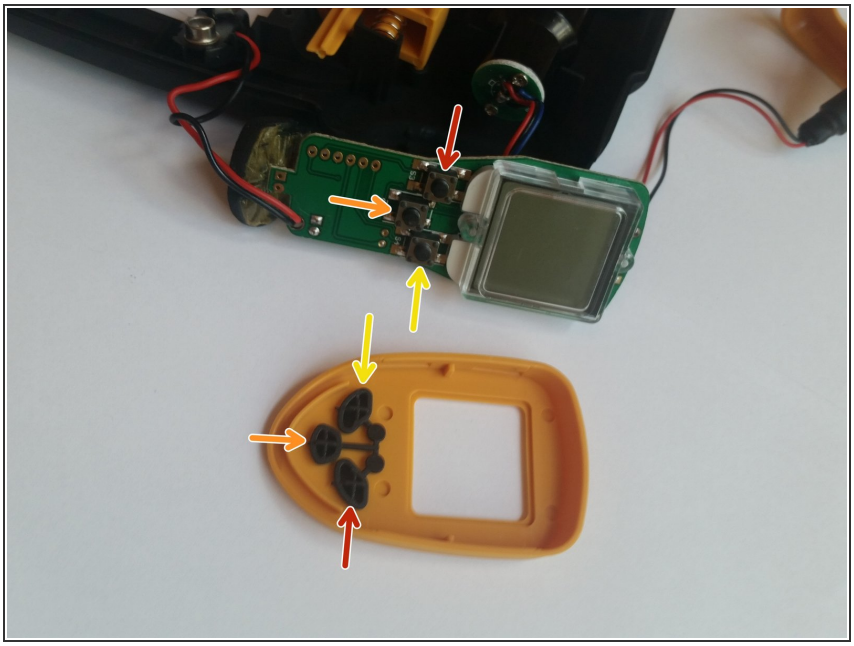
Step 7



- Pull the two halves apart.

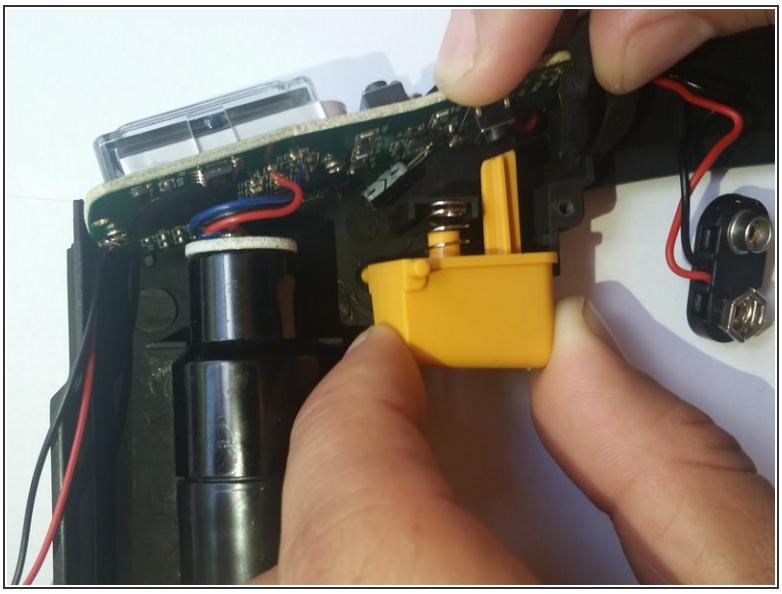
⚠ Be careful not to lose any components on the inside.

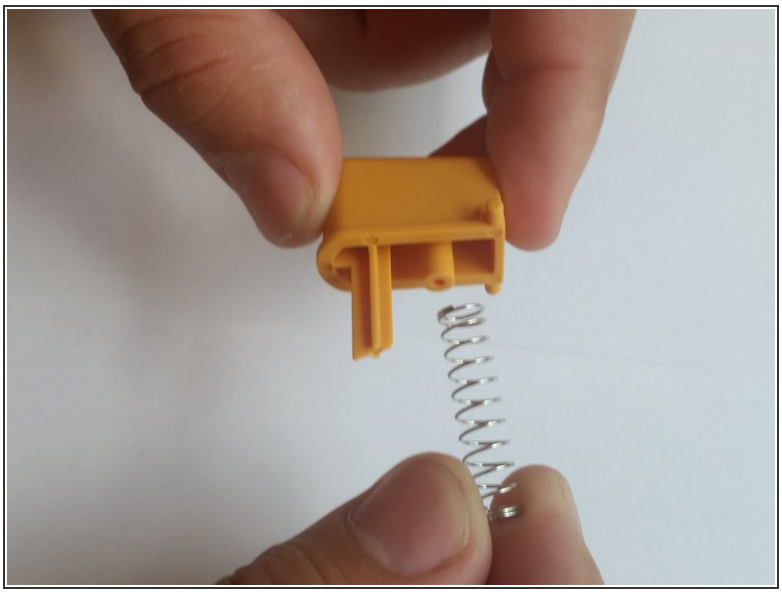
Step 8



- Realign the buttons with the button terminals.
- Red terminal to red button.
- Orange terminal to orange button.
- Yellow terminal to yellow button.

Step 9 — Etekcity Lasergrip 1080 Trigger Replacement



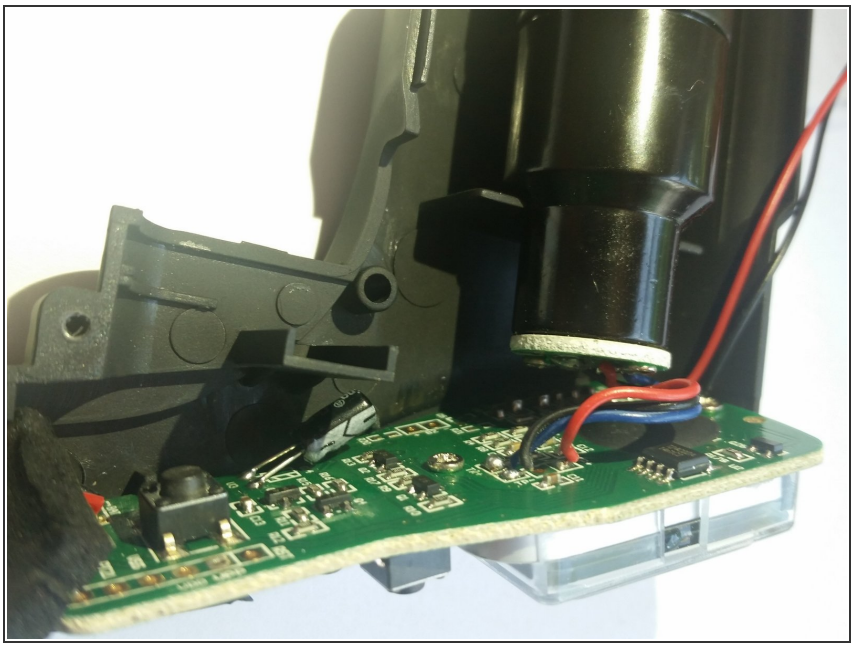


- Carefully pull the trigger out.

⚠ The trigger is spring loaded, so be careful that you do not lose the spring as you pull the trigger out.

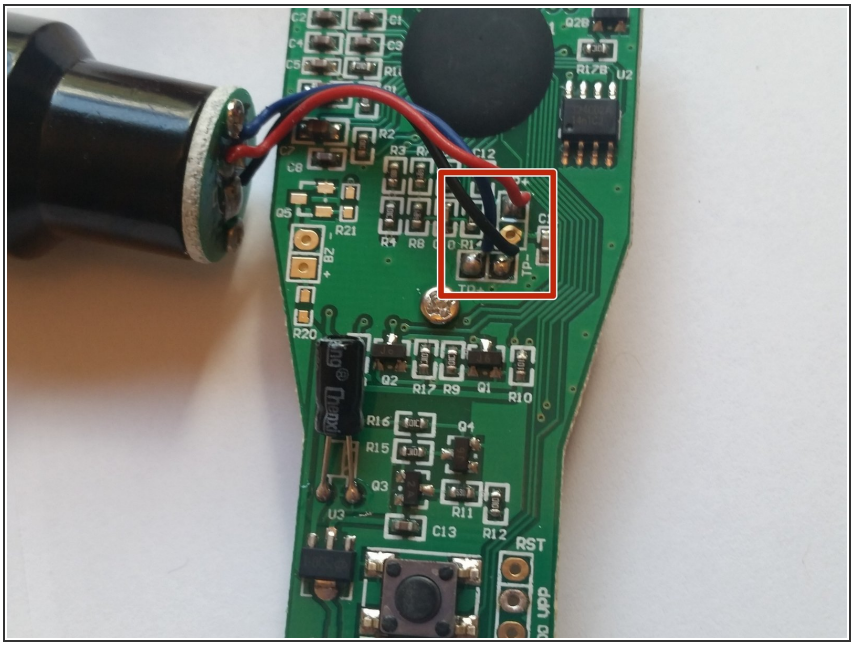
ⓘ To put the trigger back in, align the peg with the hole in the handle and align the shaft with the button terminal.

Step 10 — Sensor



- Pull the motherboard out of its slot in the device.

Step 11



- Using a soldering iron, melt the solder that holds the wires for the sensor to the motherboard.

⚠ Soldering irons are hot and should only be handled by those who know what they are doing and are wearing proper safety equipment. There is a link to a soldering guide in the Troubleshooting section of the device page.

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

