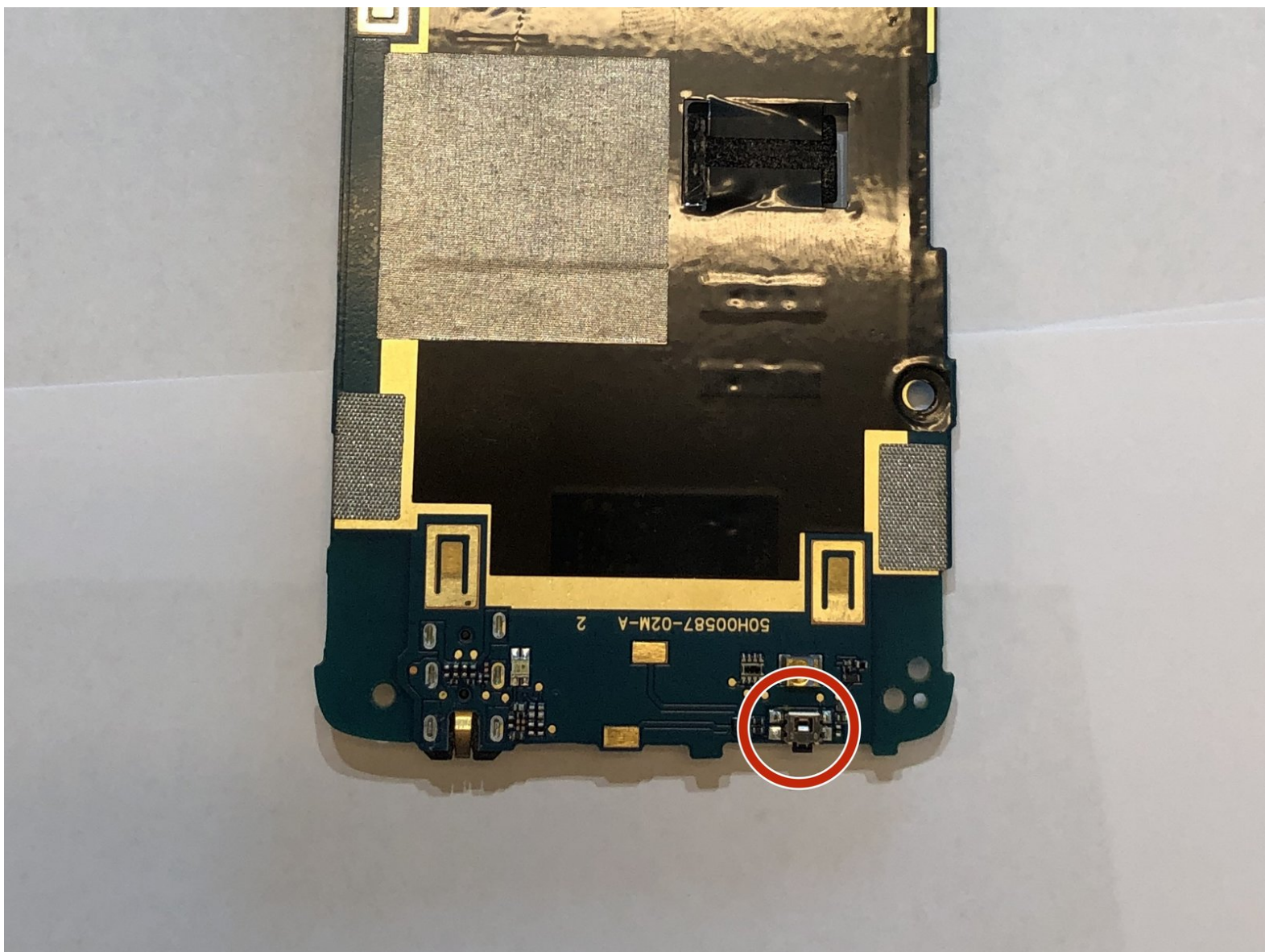




HTC Trophy Power Button Replacement

Use this guide to replace the power button in your HTC Trophy.

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INTRODUCTION

Basic Information

Use this guide to replace the power button on the HTC Trophy Windows 7 device. The power button serves multiple function included powering the device on/off, hard resetting the device, and lighting up or turning off the device's screen.

Symptoms for a malfunctioning power button:

- “mushy” button when pressed. (Not a solid press or click)
- Press or hold power button and nothing happens
- Power button is stuck

Before disassembling the device ensure there is no simple solution such as dirt or dust obstructing the button. If you notice an obstruction, try to [Clear the Debris](#).

Ensure the device is powered off before disassembly.

- If you can not turn off the device, wait for the battery to run out of energy.

Special Skills

[Solder and Desolder](#)



TOOLS:

- [Phillips #000 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Soldering Iron](#) (1)
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Step 1 — Battery



- Power off the phone before starting.
- Remove the back panel by inserting the iFixit opening tool into gap at the top of the rear and prying upward.

Step 2



- Remove the battery by inserting the iFixit opening tool into the small gap between the battery and the surrounding plastic.
 - Apply a small force towards the bottom of the phone and lift upwards.
- ⚠ Be careful not to puncture the battery.

Step 3 — Display Assembly



- Remove the 5 screws holding the two phone halves together.
 - Three 4mm long T5 Torx screws.
 - Press a T5 Torx screwdriver into the void sticker and remove the 4mm long T5 Torx screw.
 - One 4mm long Philips #000 screw.
- ⓘ Remove the installed SIM card if one is present.

Step 4



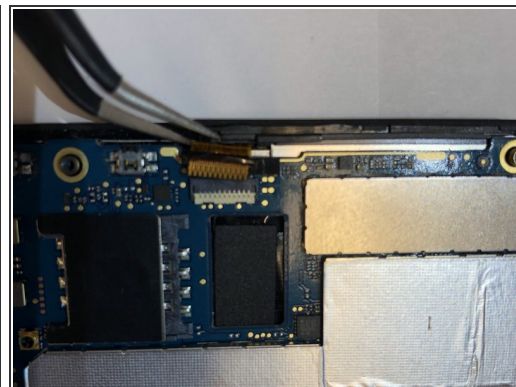
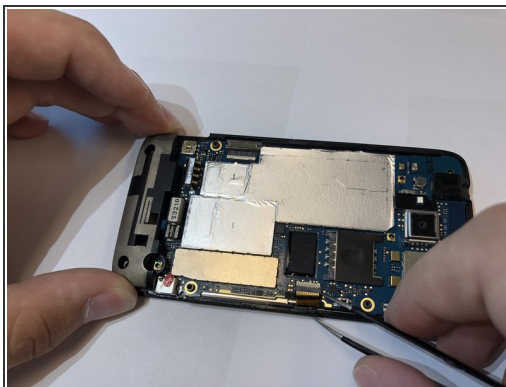
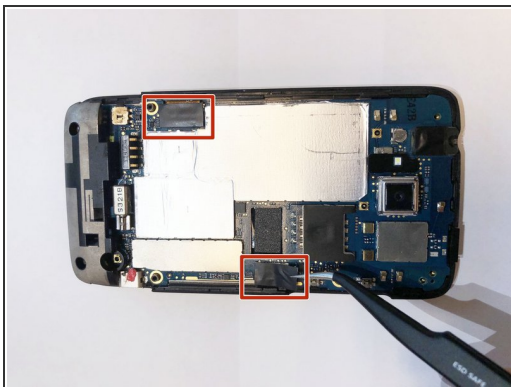
- Insert the iFixIt opening tool into the seam of the plastic around the edge of the phone and pry the two halves apart.
 - ⚠ There are small plastic clips holding the phone together. Slide the opening tool around the edge until it clicks apart to avoid damage.
 - ⚠ The volume button will fall out when the phone is opened.
 - ℹ The black sticker beneath the battery will rip once the phone is separated.

Step 5



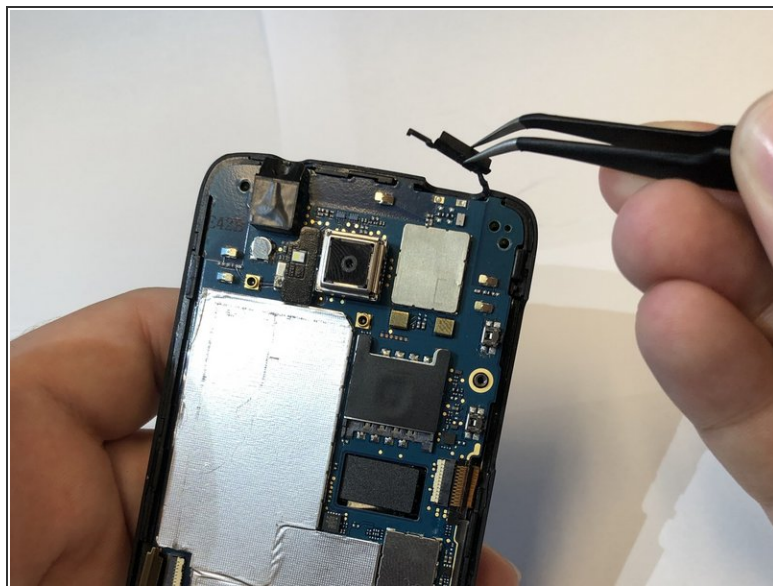
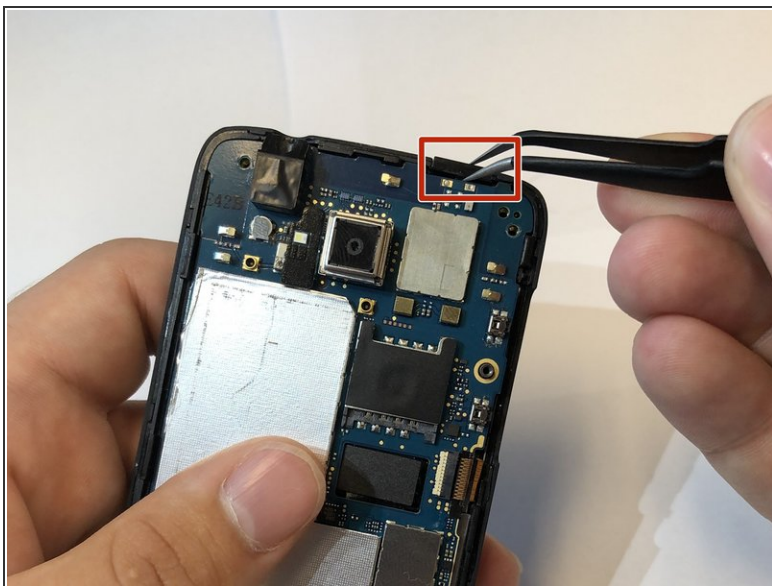
- Remove the three screws holding the mother board to the display assembly.
 - One 2mm long Philips #000 screw.
 - Two 4mm long T5 Torx screws in the holes of the plastic.

Step 6



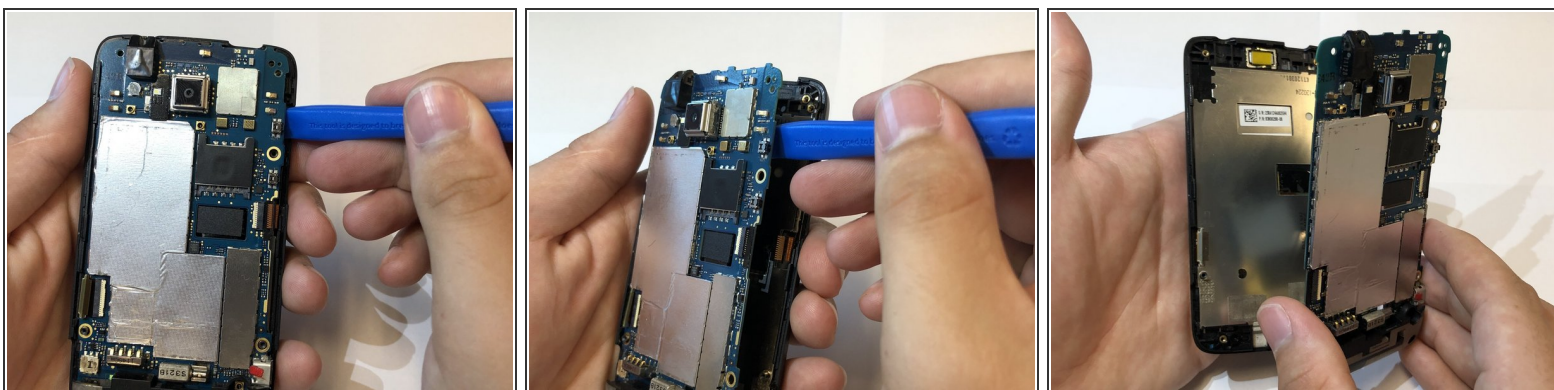
- Remove the black tape cover the ribbon cable connectors with tweezers.
- Disconnect the ribbon cables from the connectors.
- ⚠ Ribbon cables are extremely fragile.

Step 7



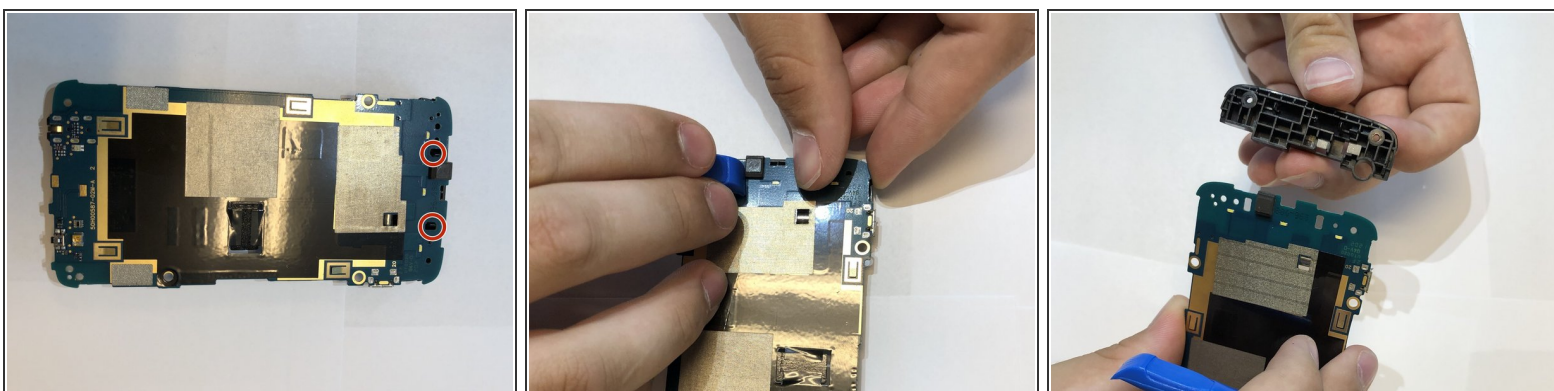
- Remove power button from the top of the phone with tweezers.

Step 8



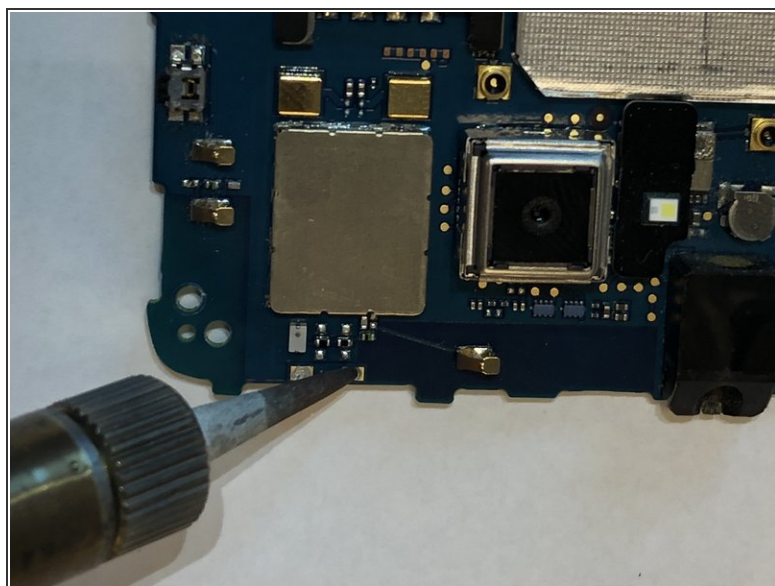
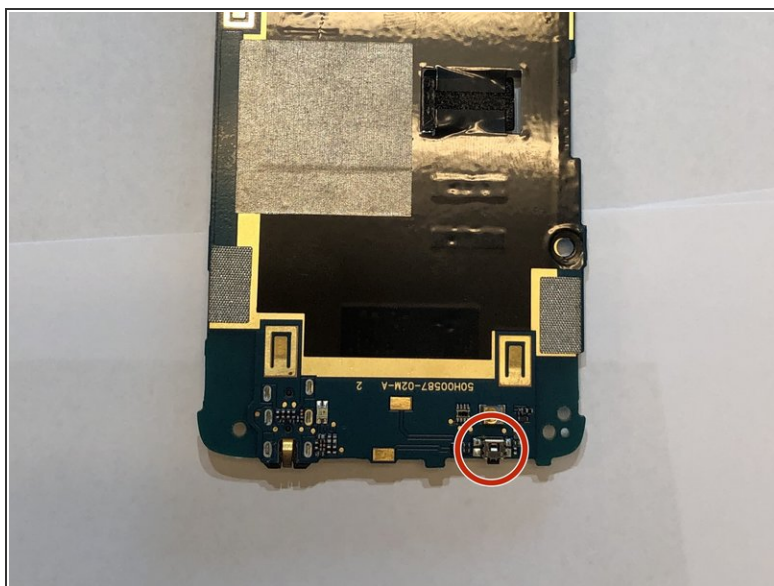
- Use the iFixit opening tool to separate the motherboard from the display assembly.

Step 9 — Motherboard



- Remove the plastic piece off of the motherboard.
 - Put pressure outwards to release these clips with the iFixit opening tool and you fingers.

Step 10 — Power Button



- Desolder the power button.

⚠ Be careful not to overheat other components on the motherboard.

ℹ For more information on soldering and desoldering connections, please read the [How to Solder and Desolder Connections guide](#).

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