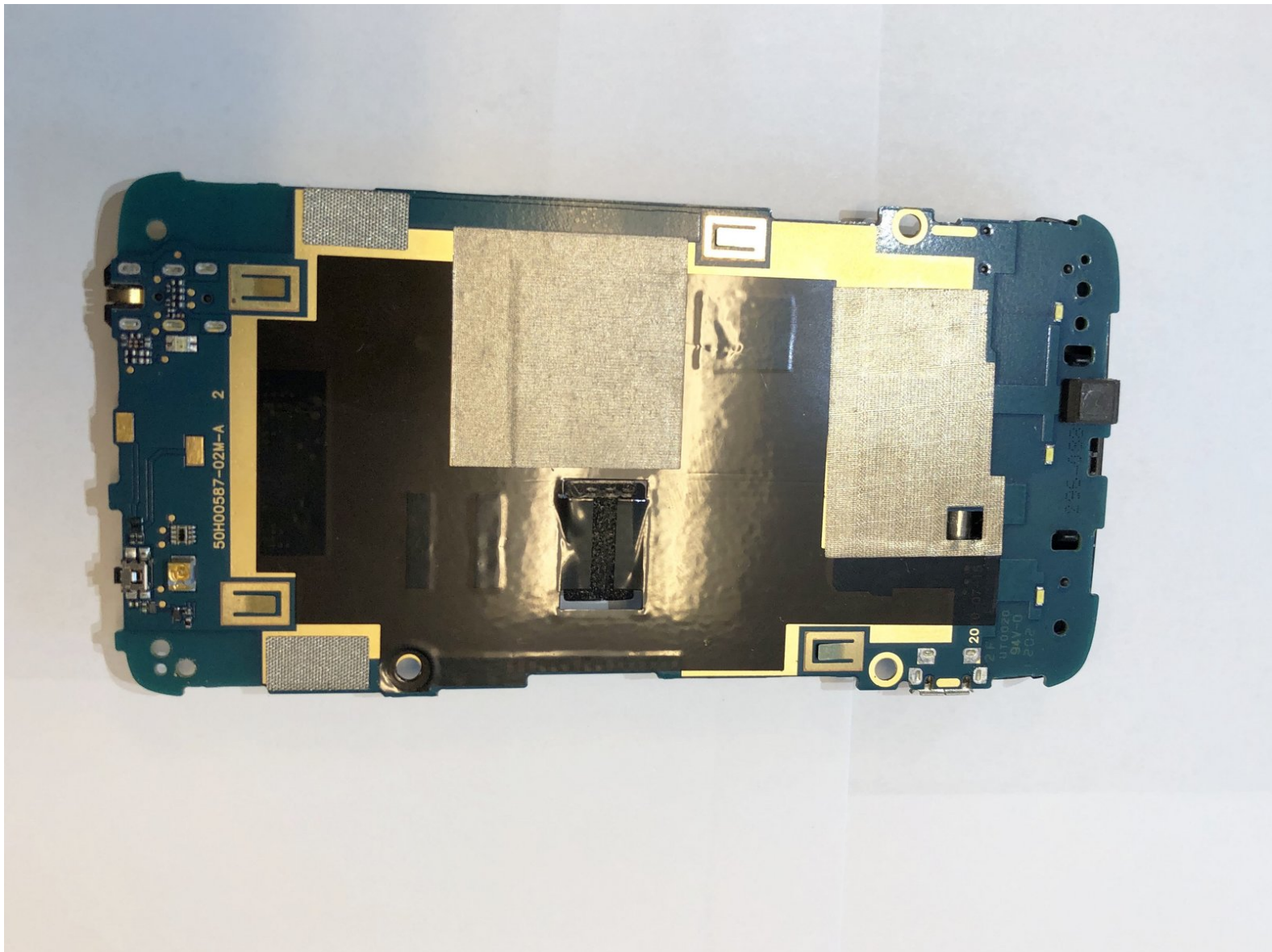




# HTC Trophy Motherboard Replacement

Use this guide to replace the motherboard in your HTC Trophy.

Written By: Victoria Schmidt



## INTRODUCTION

Use this guide to replace the motherboard for the HTC Trophy Windows 7 device. The motherboard is your devices' circuit board. Almost every piece within the device interacts with this circuit board. While repairing the motherboard can be done, this guide focuses on replacement when repair is not possible.

A motherboard may become faulty due to heat, water, or physical force. Some symptoms of a malfunctioning motherboard include:

- Burning odor
- Freezing/unresponsive device
- Physical damage to device
- Multiple components not working properly

Tip: In order to replace the motherboard almost all of the devices components will be removed, so if you have multiple issues, replace the other components during this guide.



### TOOLS:

- [Phillips #000 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [T5 Torx Screwdriver](#) (1)
  - [Tweezers](#) (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



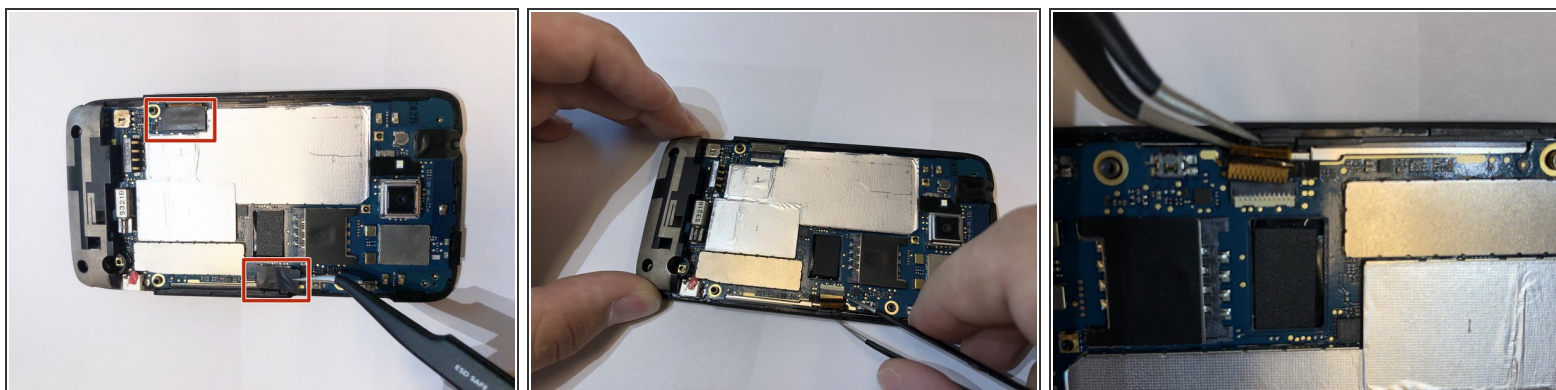
- Insert the iFixIt opening tool into the seam of the plastic around the edge of the phone and pry the two halves apart.
  - ⚠ There are small plastic clips holding the phone together. Slide the opening tool around the edge until it clicks apart to avoid damage.
  - ⚠ The volume button will fall out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

## Step 5



- Remove the three screws holding the motherboard 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.

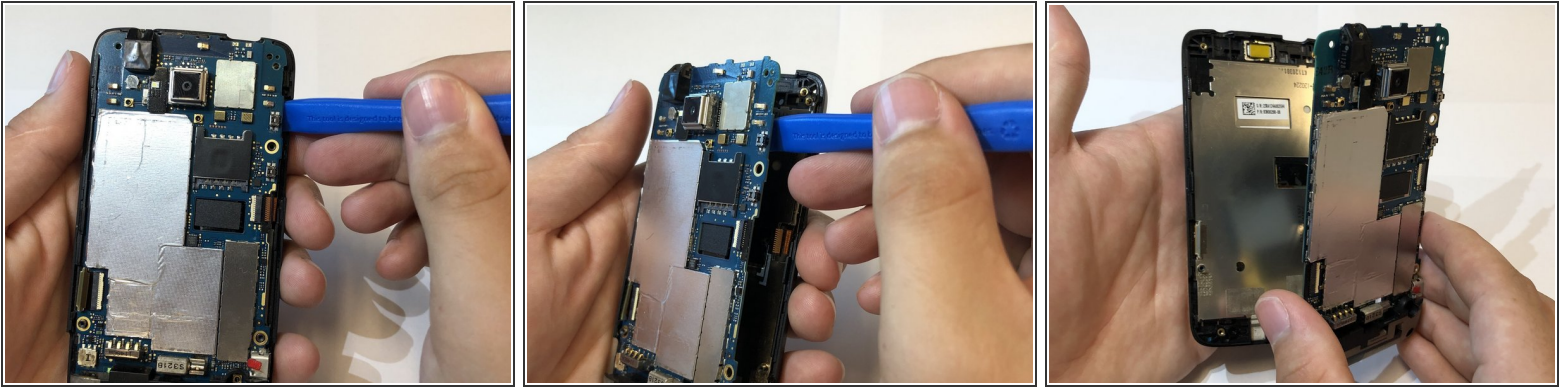
## Step 7



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

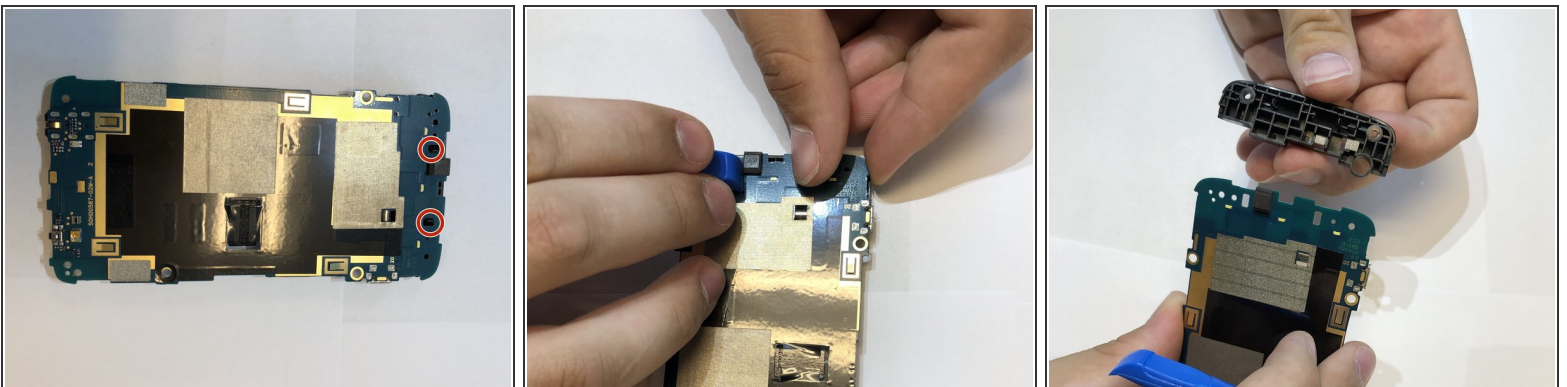


## Step 8



- 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.

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

Always dispose of e-waste properly. Follow [this guide](#) on how to dispose of the old motherboard.