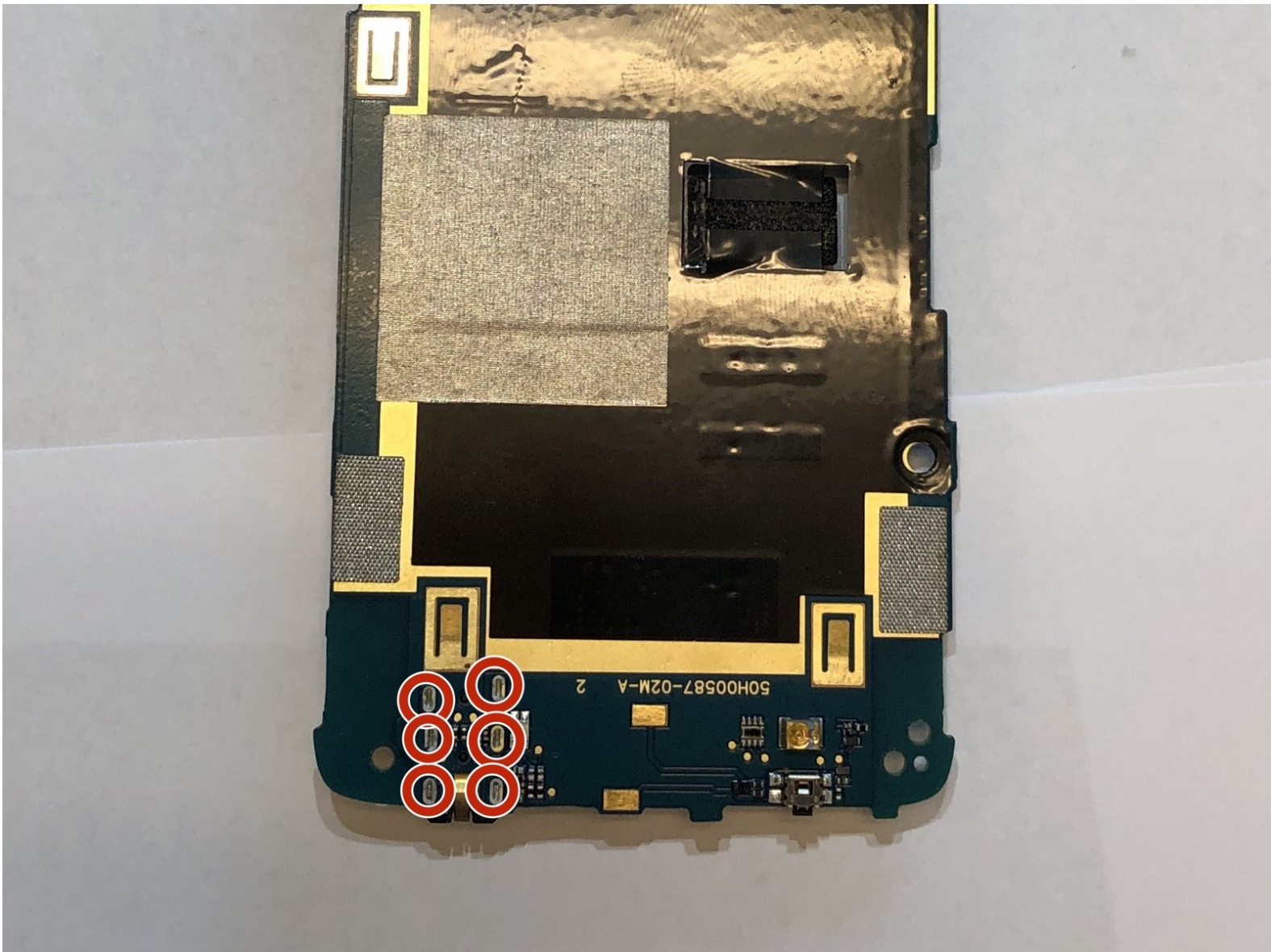




HTC Trophy Headphone Jack Replacement

Use this guide to replace the 3.5mm Audio/Headphone Jack in your HTC Trophy.

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INTRODUCTION

This guided instructions go through the process to replace the HTC Trophy headphone jack. The headphone jack is a port to plug in headphones allowing audio to play in a discrete manner or connect to speakers. The headphone jack is soldered onto the motherboard so you'll need to know how to solder and desolder connections before proceeding with this guide. Please read the [How to Solder and Desolder Connections guide](#) for more information on soldering connections.

Indication that this part may need replacement:

- Audio will not play over headphones
- The port shows indications of substances in it not allowing it to function



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



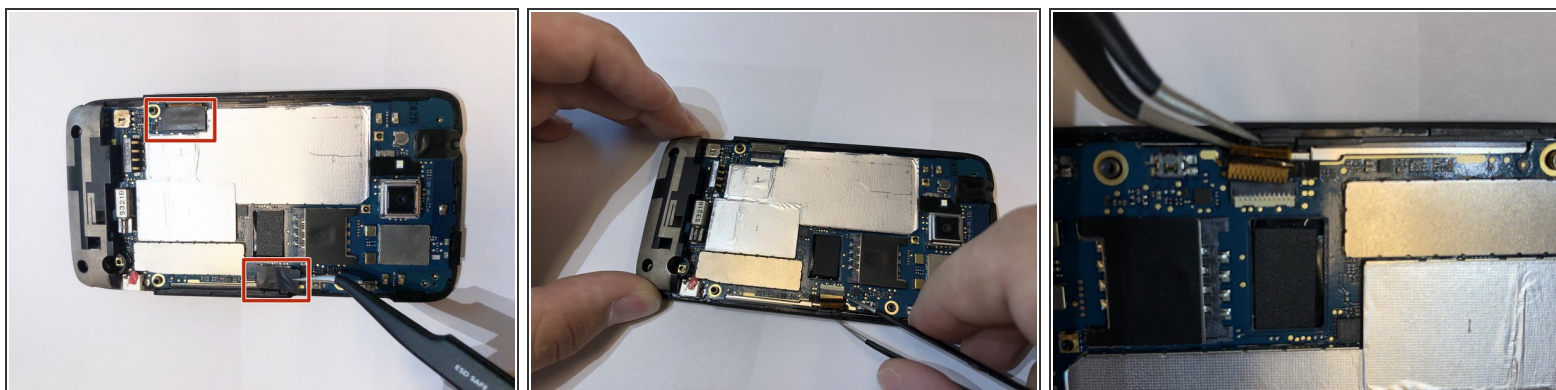
- Insert the IFixIt opening tool into the seam of the plastic around the edge of the phone and pry the two halves apart.
 - ⚠ There are small plastic clips holding the phone together. Slide the opening tool around the edge until it clicks apart to avoid damage.
 - ⚠ The volume button will fall out when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



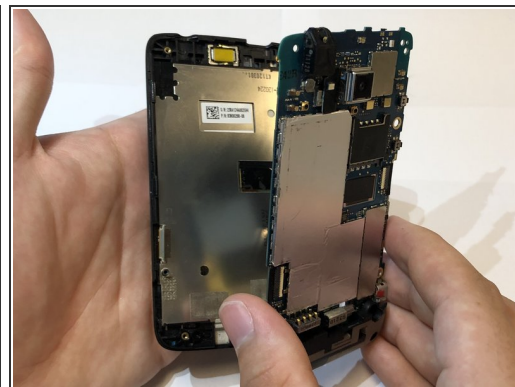
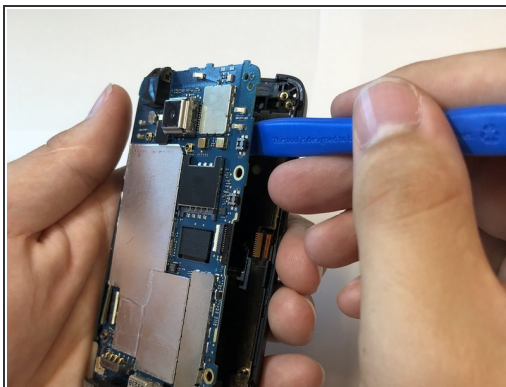
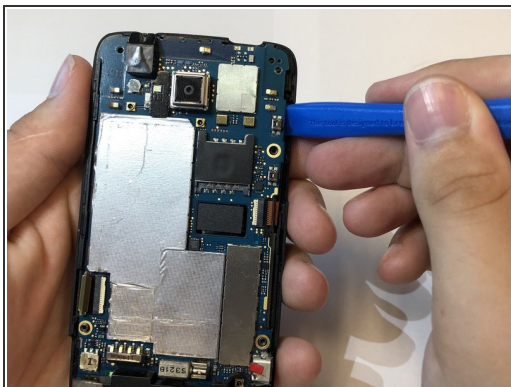
- Remove the black tape cover the ribbon cable connectors with tweezers.
- Disconnect the ribbon cables from the connectors.
- ⚠ Ribbon cables are extremely fragile.

Step 7



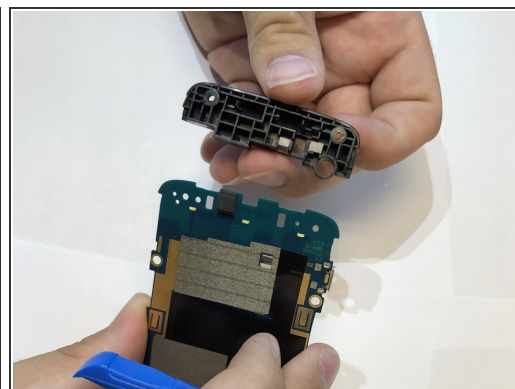
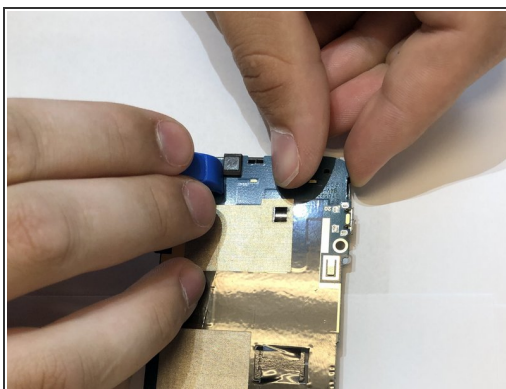
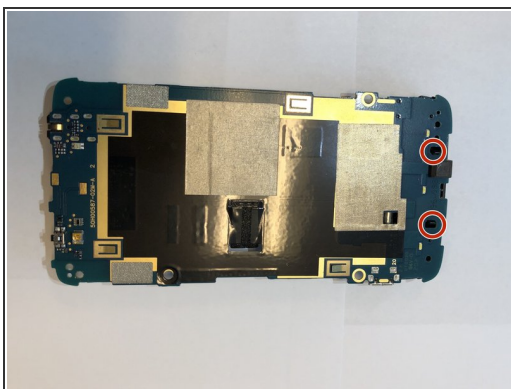
- Remove power button from the top of the phone with tweezers.

Step 8



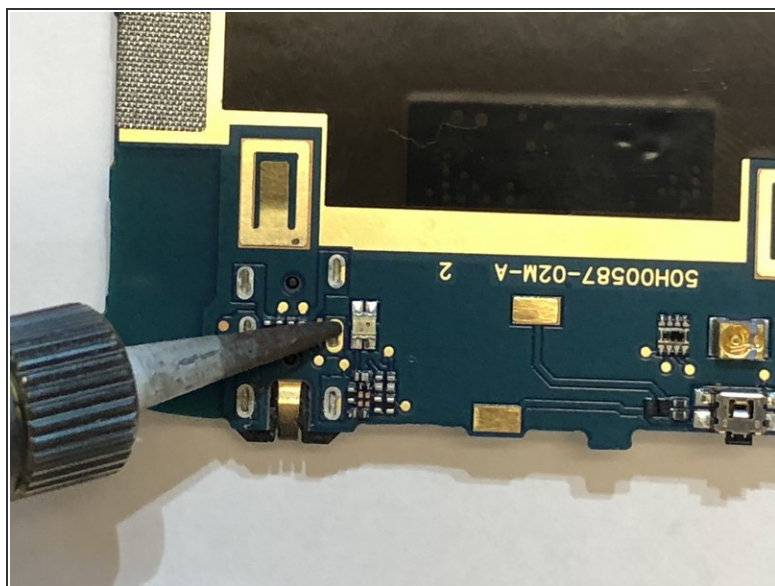
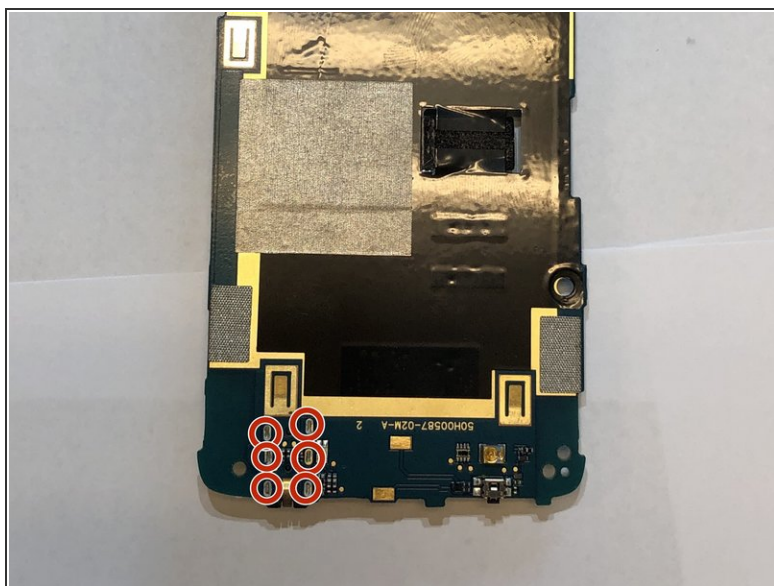
- Use the iFixit opening tool to separate the motherboard from the display assembly.

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 — Headphone Jack



- Desolder the headphone jack from the motherboard.
- ⚠ Be careful to not 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.