



HTC MyTouch 4G LCD Replacement

What this guide will accomplish is give a good idea on how to effectively take apart your HTC phone but mainly replacing the LCD.

Written By: leo



INTRODUCTION

In this guide we will go through various steps in taking apart the HTC phone in order to replace the LCD.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [iOpener Kit](#) (1)
- [T5 Torx Screwdriver](#) (1)



PARTS:

- [HTC myTouch LCD display](#) (1)

Step 1 — Flip Phone Over



- Flip your phone over and hold the phone with the back facing you.

Step 2 — Remove the back case.



- Place the prying tool into the notch at the bottom of the case and pull up to remove.

Step 3 — Remove the battery



- Use the plastic prying tool in the upper left-hand corner notch of the battery to remove.

Step 4 — Removing Screws



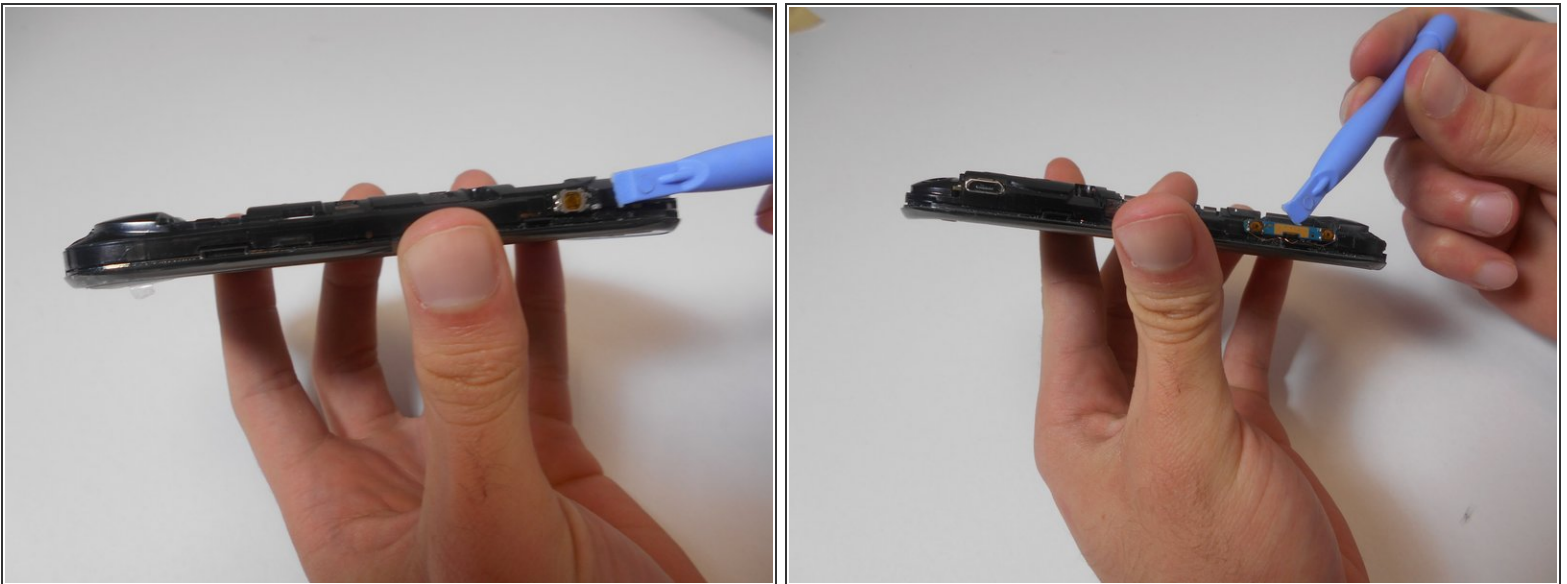
- Remove the two T5x5mm Screws with the T5 Torx Screw driver.
- Remove the one Phillips screw with the Phillips #00 Screwdriver.

Step 5 — Removing back case.



- Use the plastic opening tools to remove the back case.
- There are four T5x5mm screws. Use the T5 Torx Screwdriver to remove them.
- Using the plastic opening tools, remove the Wifi antenna.

Step 6 — Removing four T5 Screws



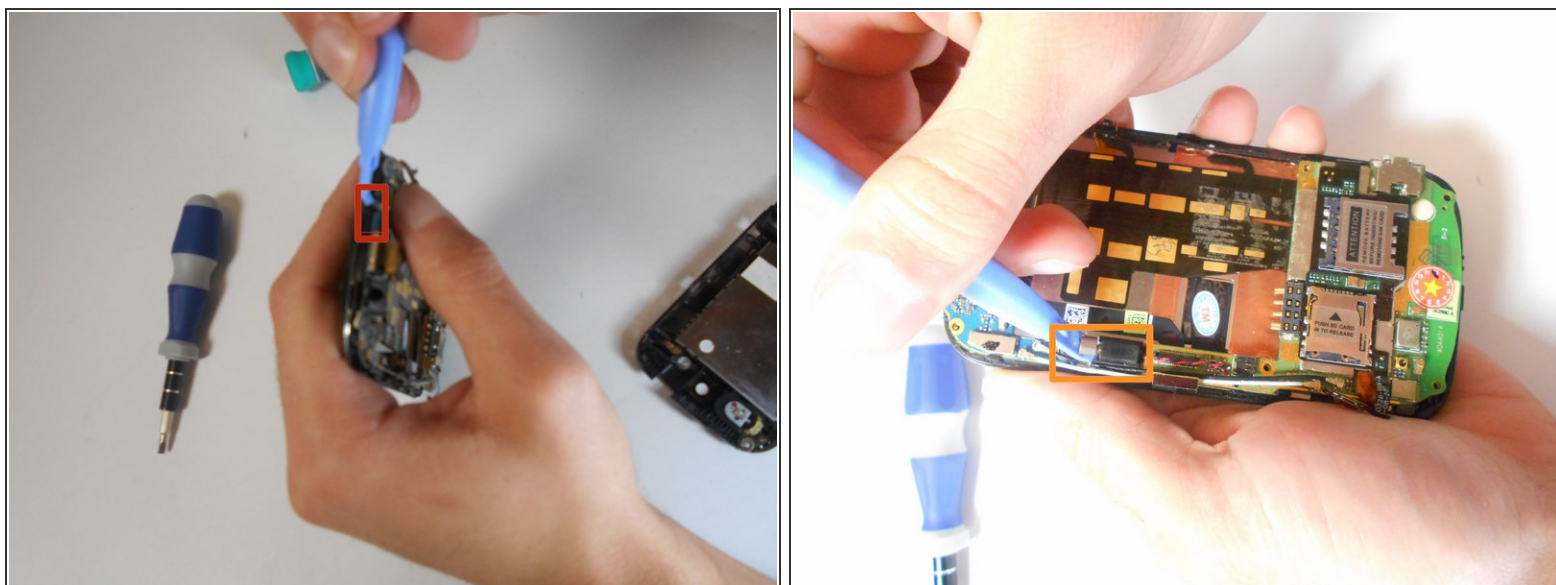
- There are three button ribbons on the phone that need to be pulled down off of the case.
- With the plastic opening tools, pull the button ribbons down away from the frame without completely removing them.

Step 7



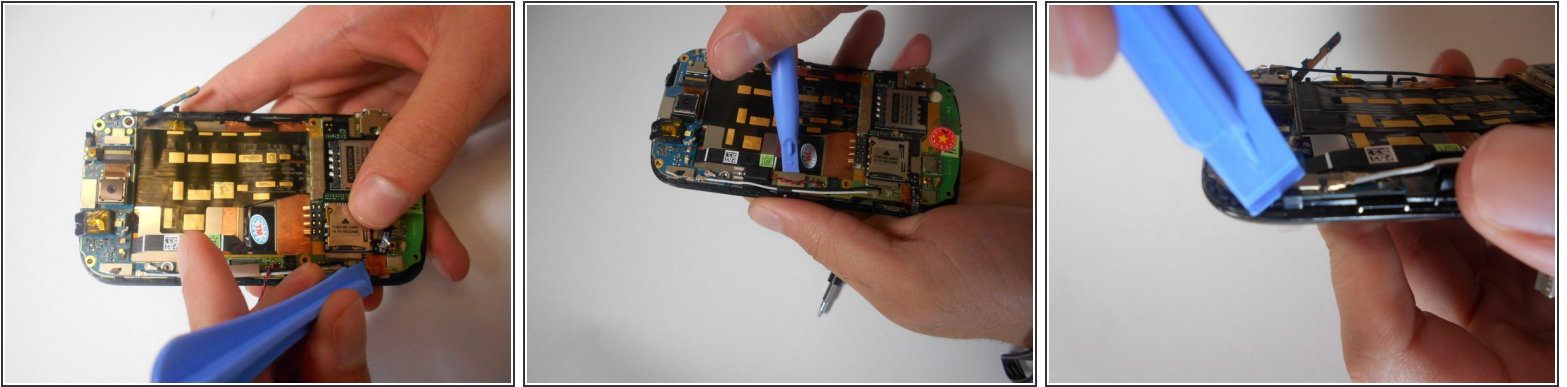
- After making sure the button ribbons are away from the frame, insert the plastic opening tool into the frame and remove it.
- Remove two Philips screws holding the Motherboard in place.

Step 8



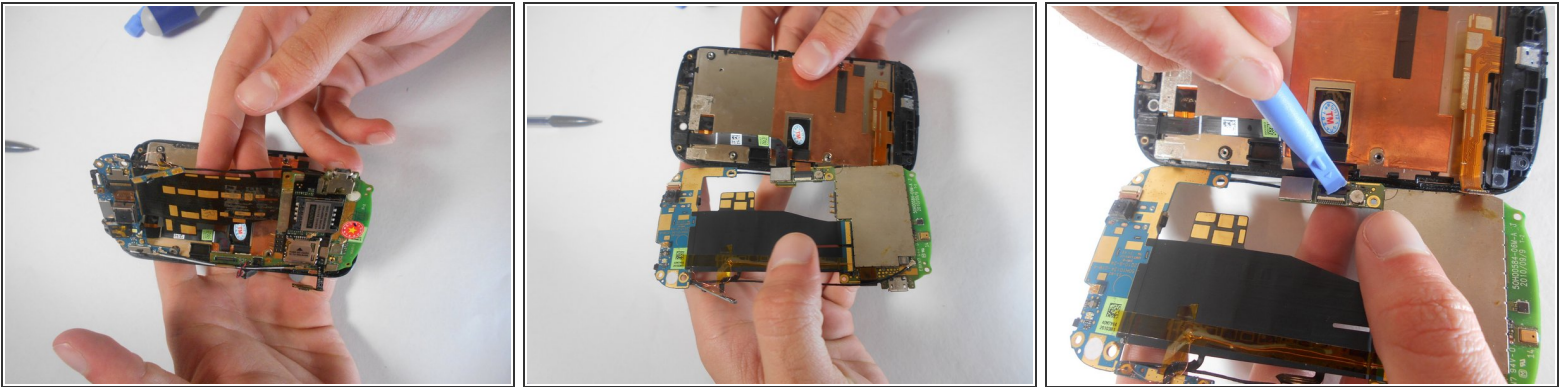
- Three ribbon cables and the vibration motor need to be disconnected from the Motherboard.
- Using the plastic opening tools, pull up on the power button ribbon to gently detach it.
- Remove the vibration motor by gently pulling it off of the Motherboard.

Step 9



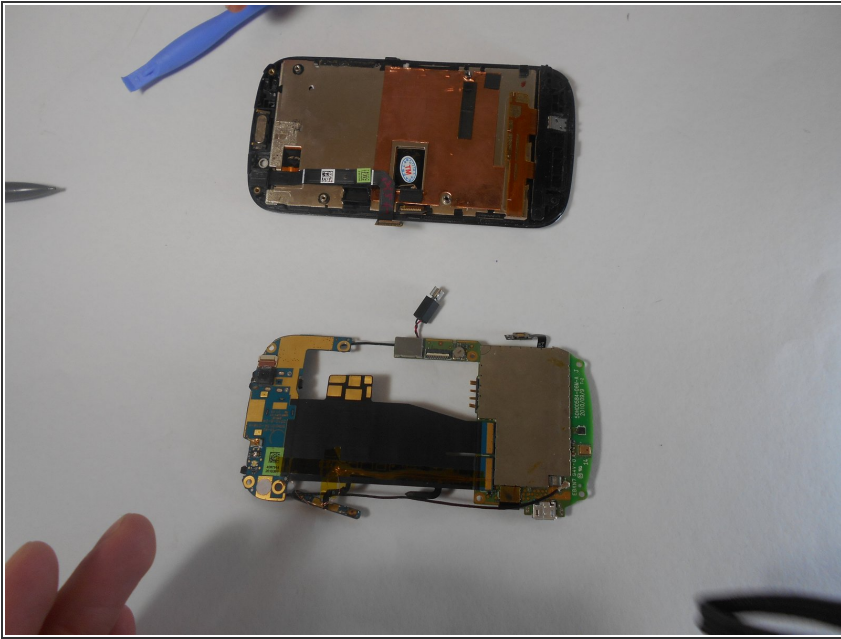
- Remove the digitizer ribbon cable with the plastic opening tools.
- Remove the LCD ribbon cable from its connector.
- It is now safe to release the Motherboard from the clips holding it in place. Start at the top clip of the phone and move your way around gently releasing each clip.

Step 10



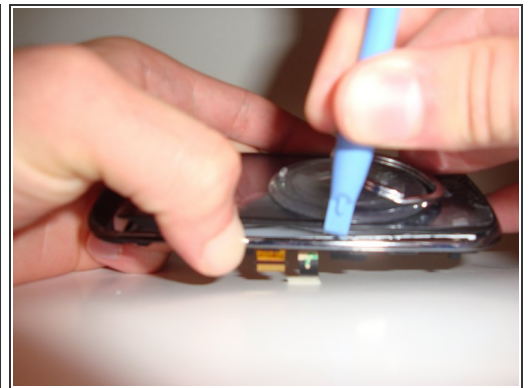
- Do not lift the Motherboard off the phone. The LCD Ribbon is still connected to it.
- Lift the Motherboard towards the left to expose the LCD clamp connector.
- Open the clamp connector of the LCD ribbon by carefully pulling it up with the plastic opening tools.

Step 11



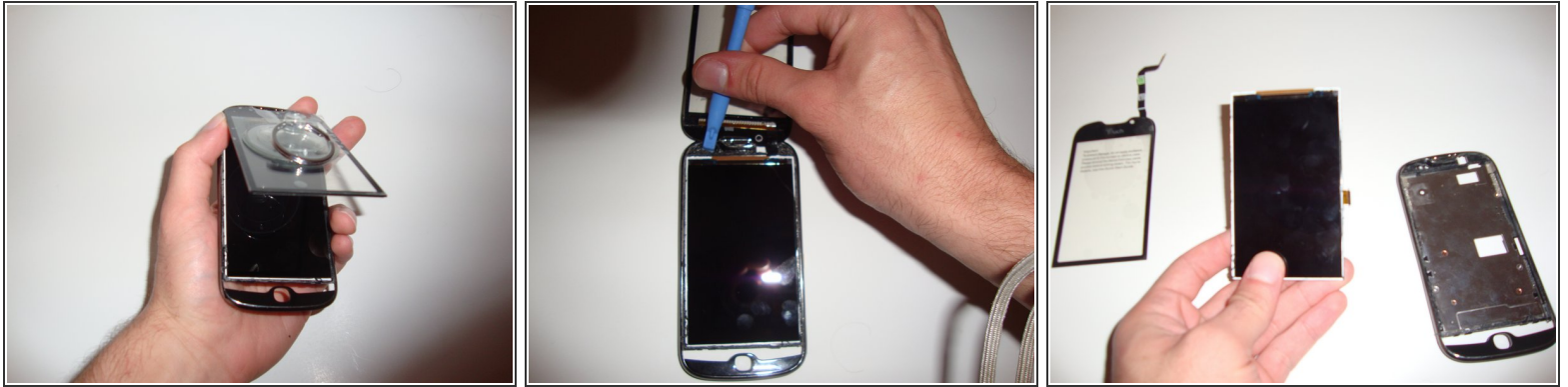
- The Motherboard is now removed.

Step 12 — LCD



- Put the LCD side of the phone facing upward.
- Use the iOpener to heat and loosen the adhesive up that is holding the digitizer in place.
- Move the plastic opening tools along the outside edge of the digitizer to loosen it more and remove.

Step 13



- Do not take the digitizer fully off as it is still connected by the ribbon.
- Use the iOpener tool to heat up the LCD adhesive.
- Using the iOpener kit and the plastic opening tools again, remove the LCD. The LCD is now ready to be replaced. Make sure to have more adhesive that usually comes with the replacement to make sure the LCD and digitizer will be secure.

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