



# HTC MyTouch 4G Mother Board Replacement

The phone will be disassembled to replace the Mother Board.

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# INTRODUCTION

The Mother Board main piece to any cell phone. With this guide, you'll learn how to replace the guide.

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## TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [T5 Torx Screwdriver](#) (1)
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## Step 1 — Flip Phone Over



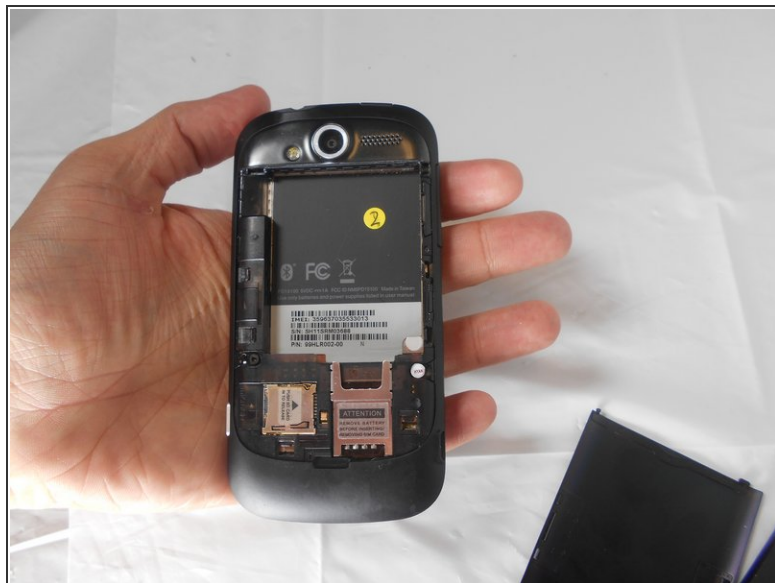
- Flip your phone over and hold the phone with the back facing you.

## 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.

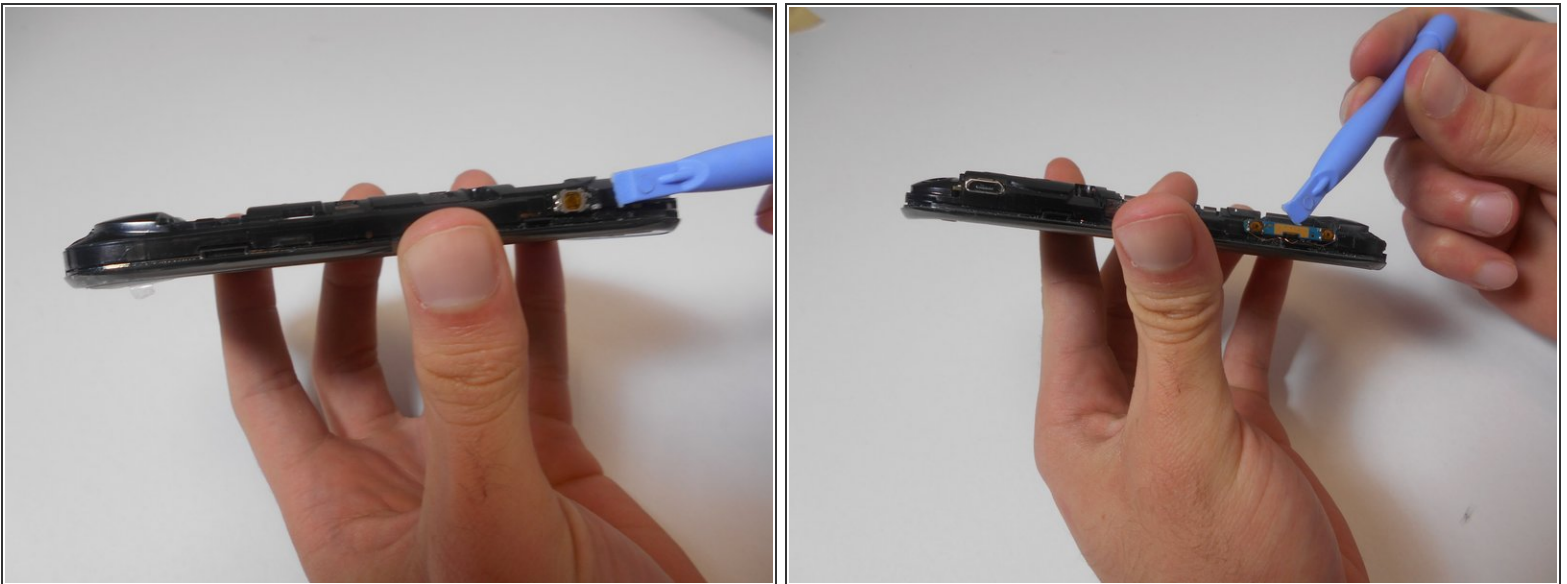


## Step 5 — Removing back case.



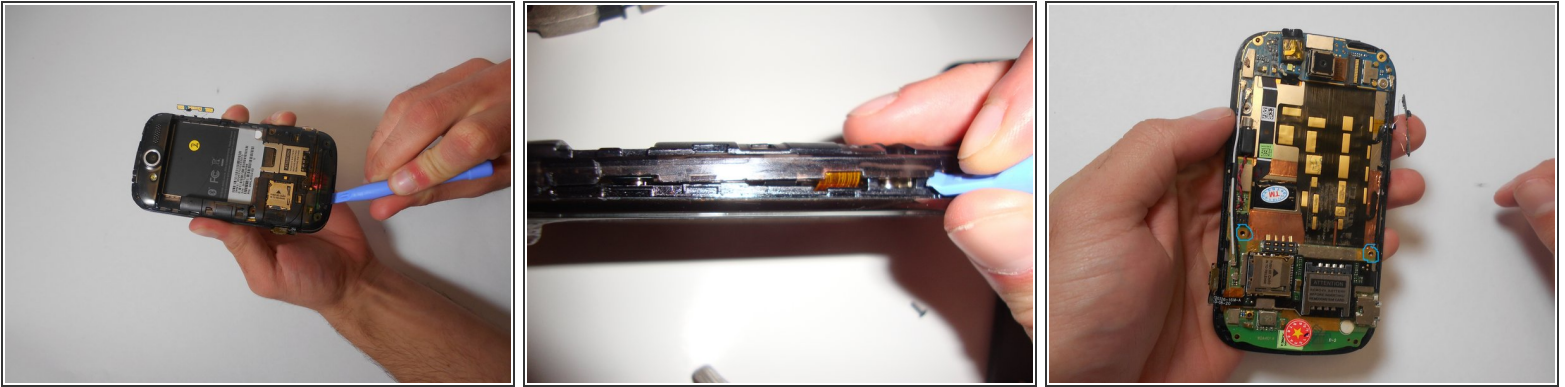
- Use the plastic opening tools to remove the back case.
- There are four T5x5mm screws. Use the T5 Torx Screwdriver to remove them.
- Using the plastic opening tools, remove the Wifi antenna.

## Step 6 — Removing four T5 Screws



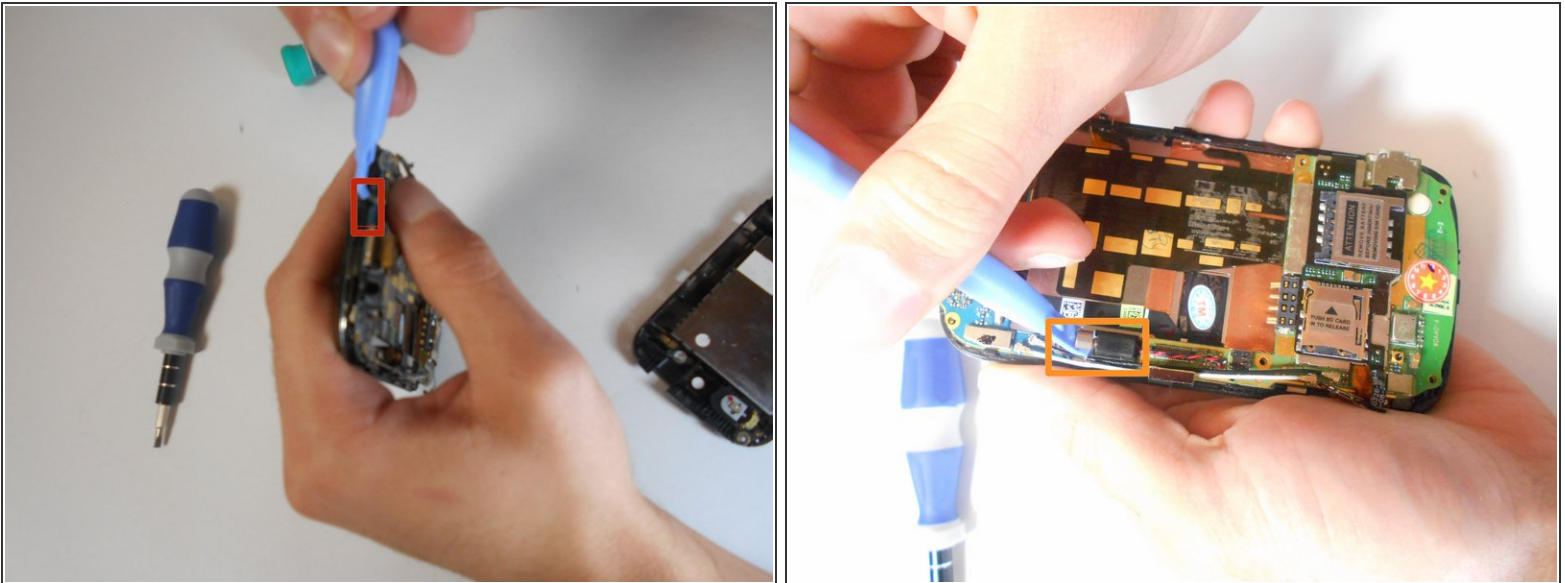
- There are three button ribbons on the phone that need to be pulled down off of the case.
- With the plastic opening tools, pull the button ribbons down away from the frame without completely removing them.

## Step 7



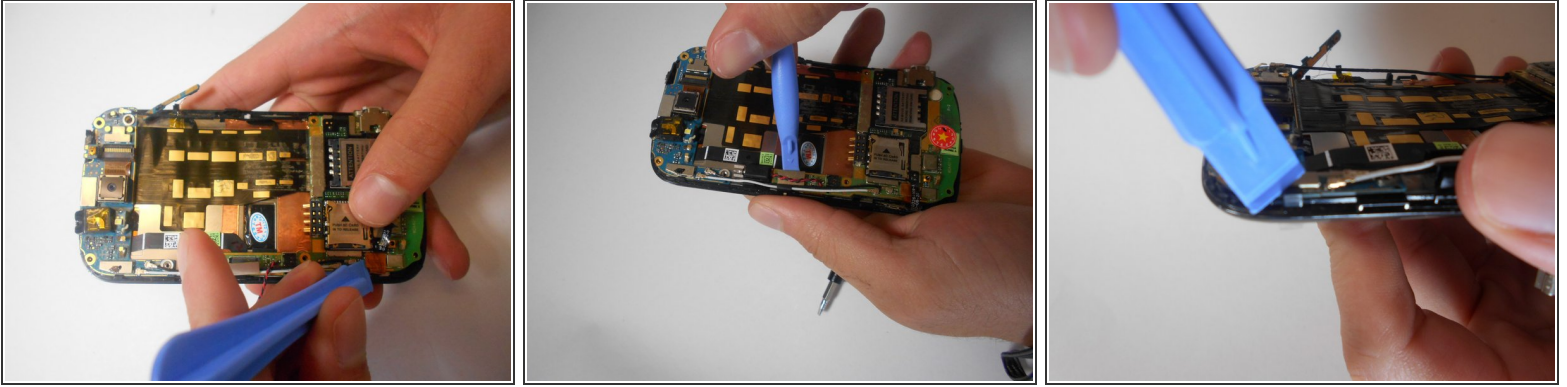
- After making sure the button ribbons are away from the frame, insert the plastic opening tool into the frame and remove it.
- Remove two Philips screws holding the Motherboard in place.

## Step 8



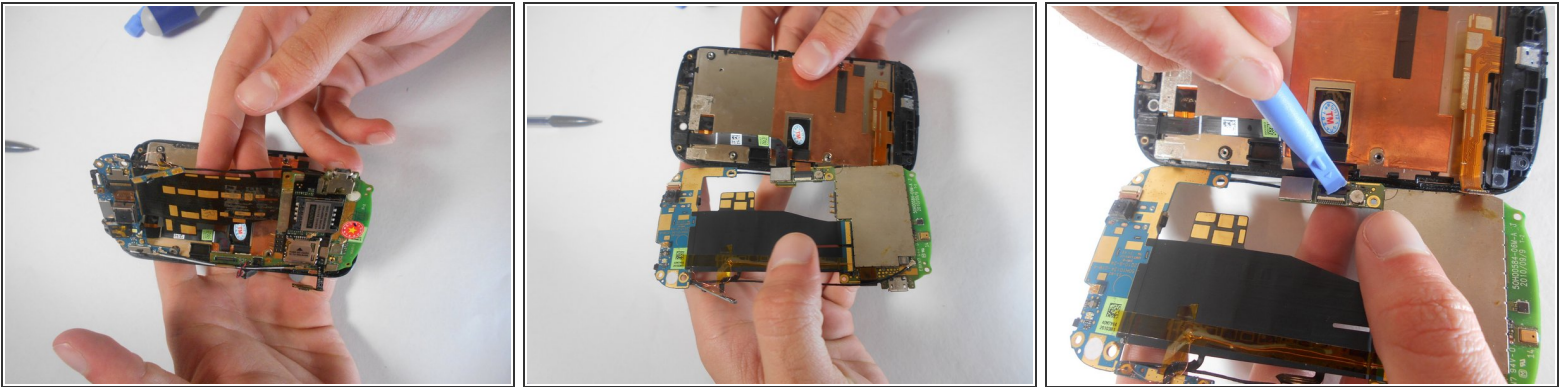
- Three ribbon cables and the vibration motor need to be disconnected from the Motherboard.
- Using the plastic opening tools, pull up on the power button ribbon to gently detach it.
- Remove the vibration motor by gently pulling it off of the Motherboard.

## 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.

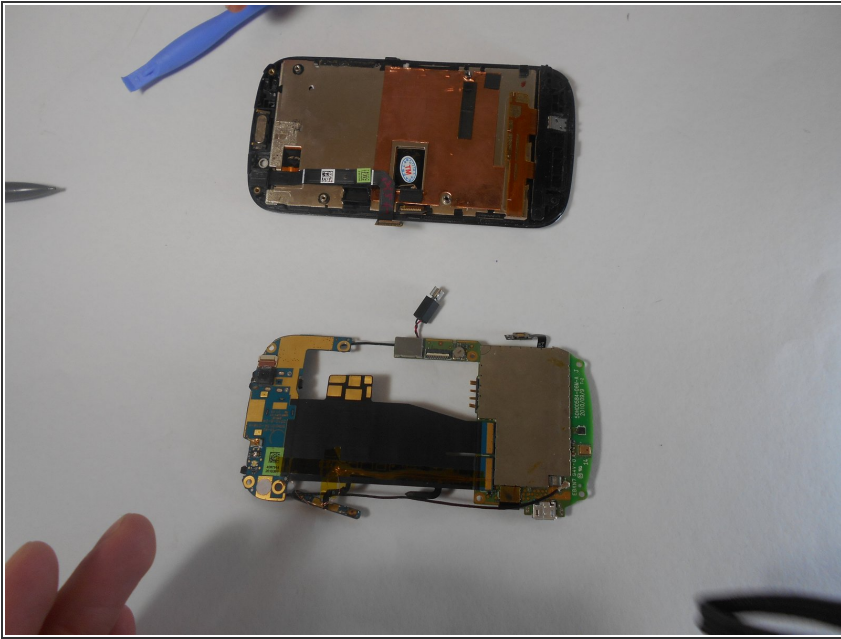
## Step 10



- 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.

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