



HTC Thunderbolt Power Button Replacement

Use this guide to replace a sticky or...

Written By: Brandon Younger



INTRODUCTION

Use this guide to replace a sticky or unresponsive power button.

TOOLS:

Phillips #00 Screwdriver (1)

Phillips #0 Screwdriver (1)

iFixit Opening Tool (1)

Tweezers (1)

Step 1 — Rear Panel



- Insert the plastic opening tool into the top of the Thunderbolt near the power button.
- Gently pry up on the rear panel around the edges until it is loose.

Step 2



- Lift and remove the rear panel.

Step 3 — Battery



- Using the plastic opening tool, lift up the battery from the bottom near the kickstand.
- Remove the battery from the inner frame.

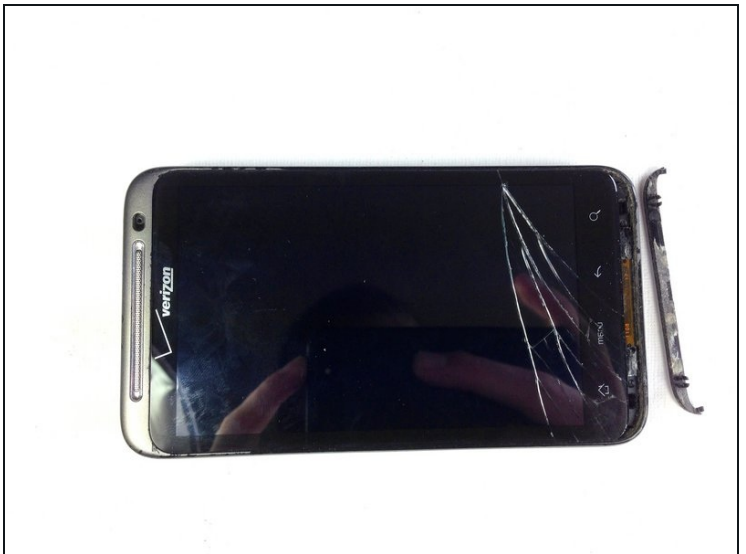
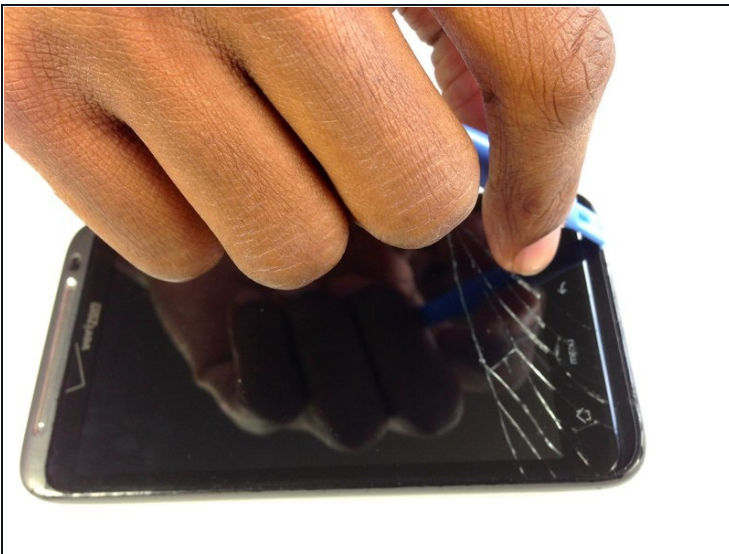
Step 4 — Rear Frame



- Remove the six Phillips screws from the perimeter of the rear frame.

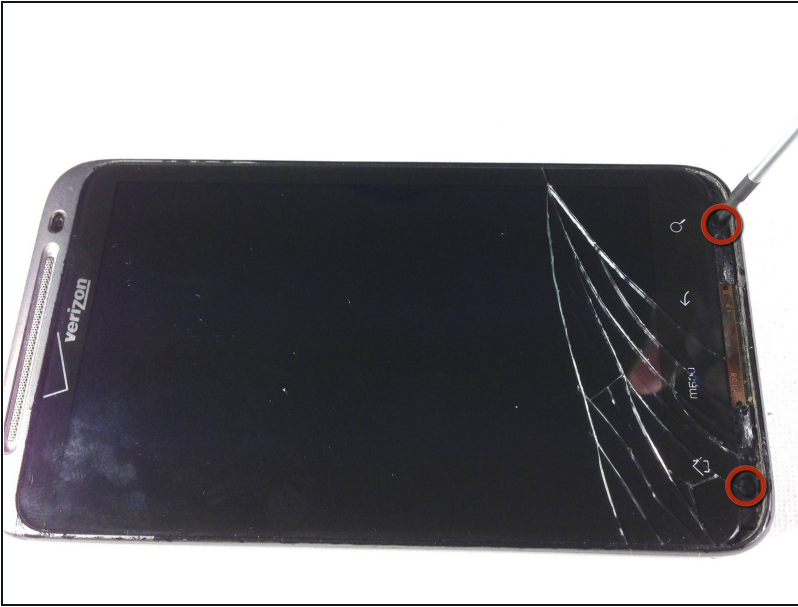
⚠ By removing the screw with the "void" sticker on it, your Thunderbolt will no longer be covered under warranty.

Step 5



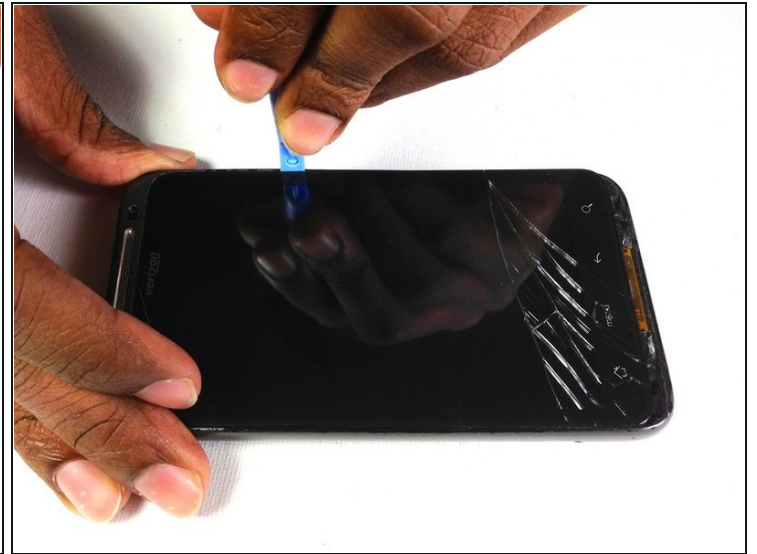
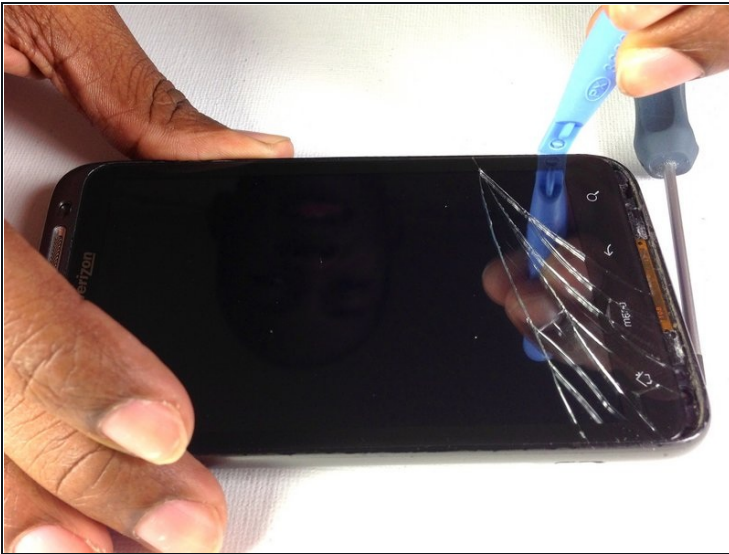
- Insert the plastic opening tool into the bottom of the phone underneath the soft keys.
 - Gently pry up on the plastic cover by sliding the plastic opening tool across the bottom of the phone.
 - Remove the plastic cover.
- ⓘ The plastic cover will have adhesive on it making it difficult to remove.

Step 6



- Remove the two Phillips screws where the plastic cover was.

Step 7



- Insert the plastic opening tool in between the screen and the frame on the side of the phone.
- Slowly slide the the plastic opening tool along the side of the phone until the screen begins to separate from the frame.
- Do the same for the opposite side of the phone.

Step 8



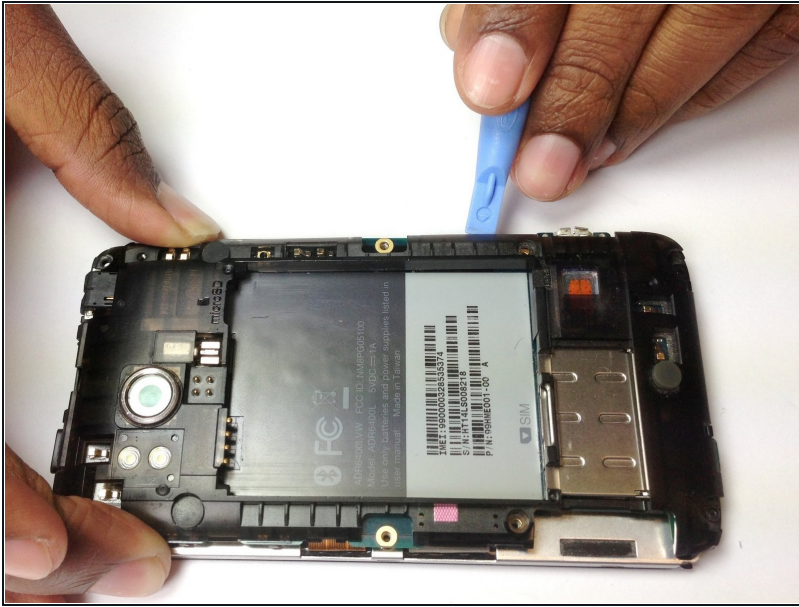
- Carefully separate the screen and phone from the rear frame, starting from the bottom.
- Gently pull down on the phone and screen to fully separate it from the rear frame.

Step 9 — Rear Inner Frame



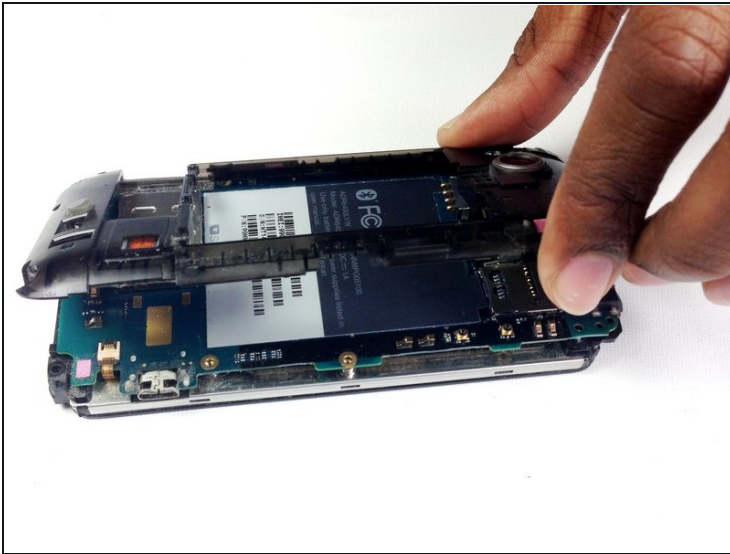
- Remove the two Phillips screws securing rear inner frame to device.

Step 10



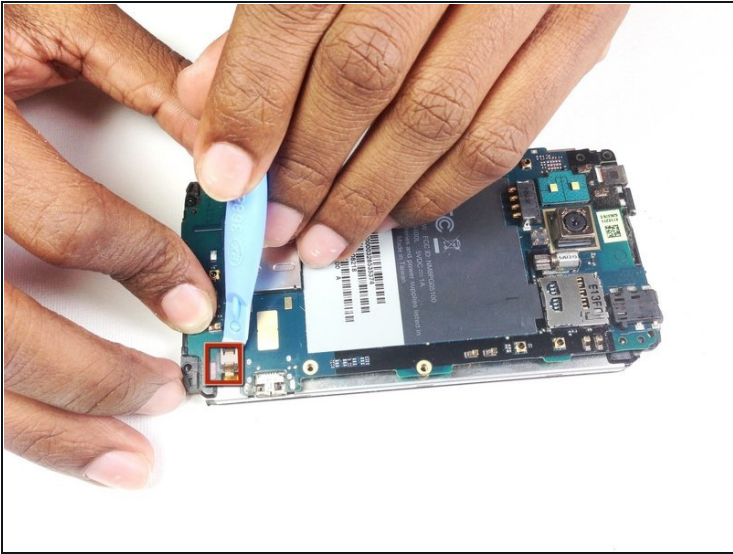
- Insert the plastic opening tool between the rear inner frame and the motherboard and slowly work your way around the device.

Step 11



- Remove the rear inner frame from the rest of the device.

Step 12 — LCD/Screen

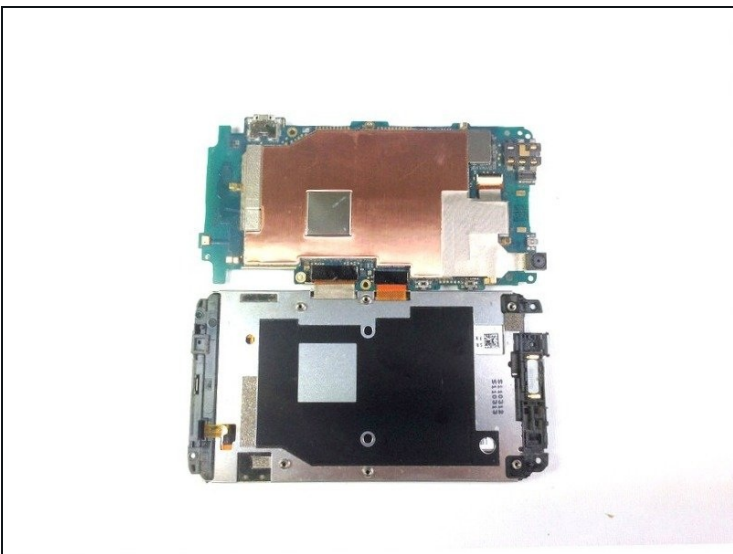


- Using the tip of a plastic opening tool flip up the tab holding the capacitive button ribbon cable.

⚠ Be careful opening these tabs as they are very easy to break.

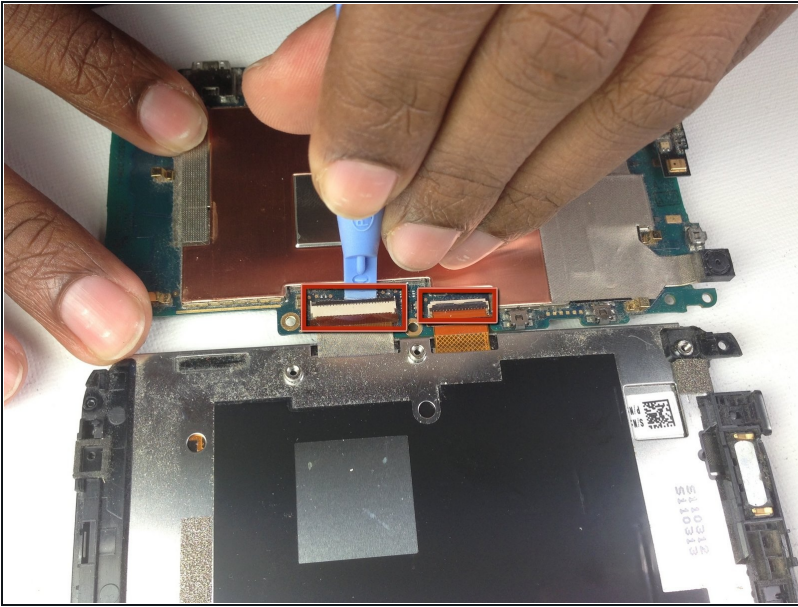
- Use a pair of tweezers to pull the capacitive button cable out of its socket.

Step 13



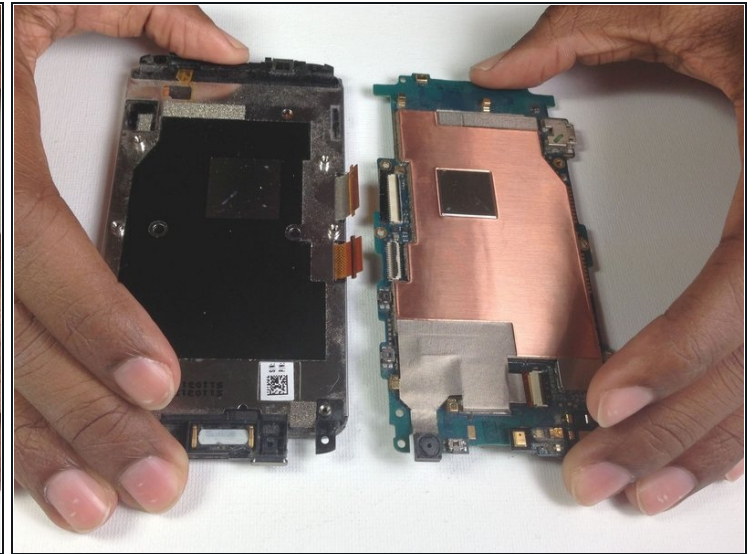
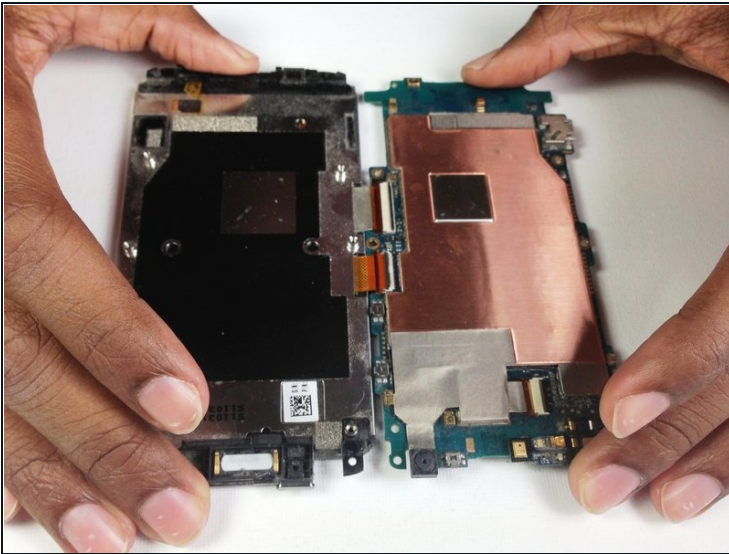
- Lifting from the side where the ribbon was disconnected, flip over the motherboard.
- Remove the black tape covering the tabs connecting the motherboard and LCD.

Step 14



- Using the plastic opening tool pop up the two tabs connecting the LCD and motherboard.

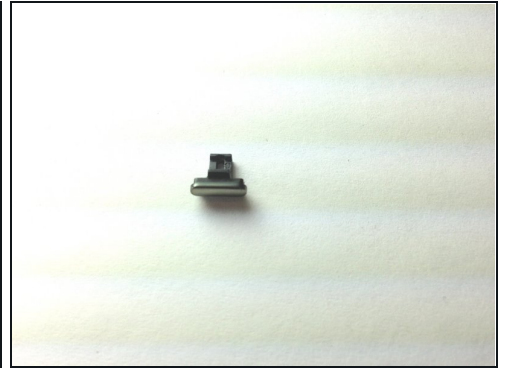
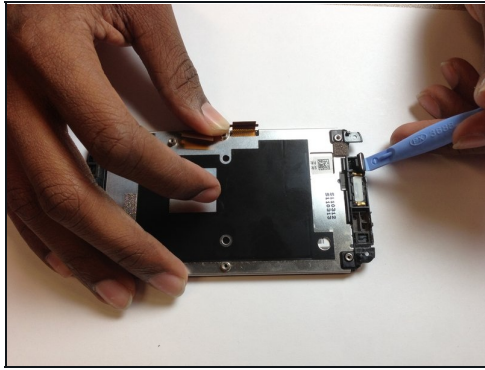
Step 15



- Once the tabs have been popped up, slowly pull the two pieces away from each other.

⚠ If there is resistance pulling apart the phone then a ribbon or tab has not been disconnected properly/completely.

Step 16 — Power Button



- Flip the LCD over so that it is facing downward.
- Pry out the power button with a plastic opening tool.
- You have now removed the power button.

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