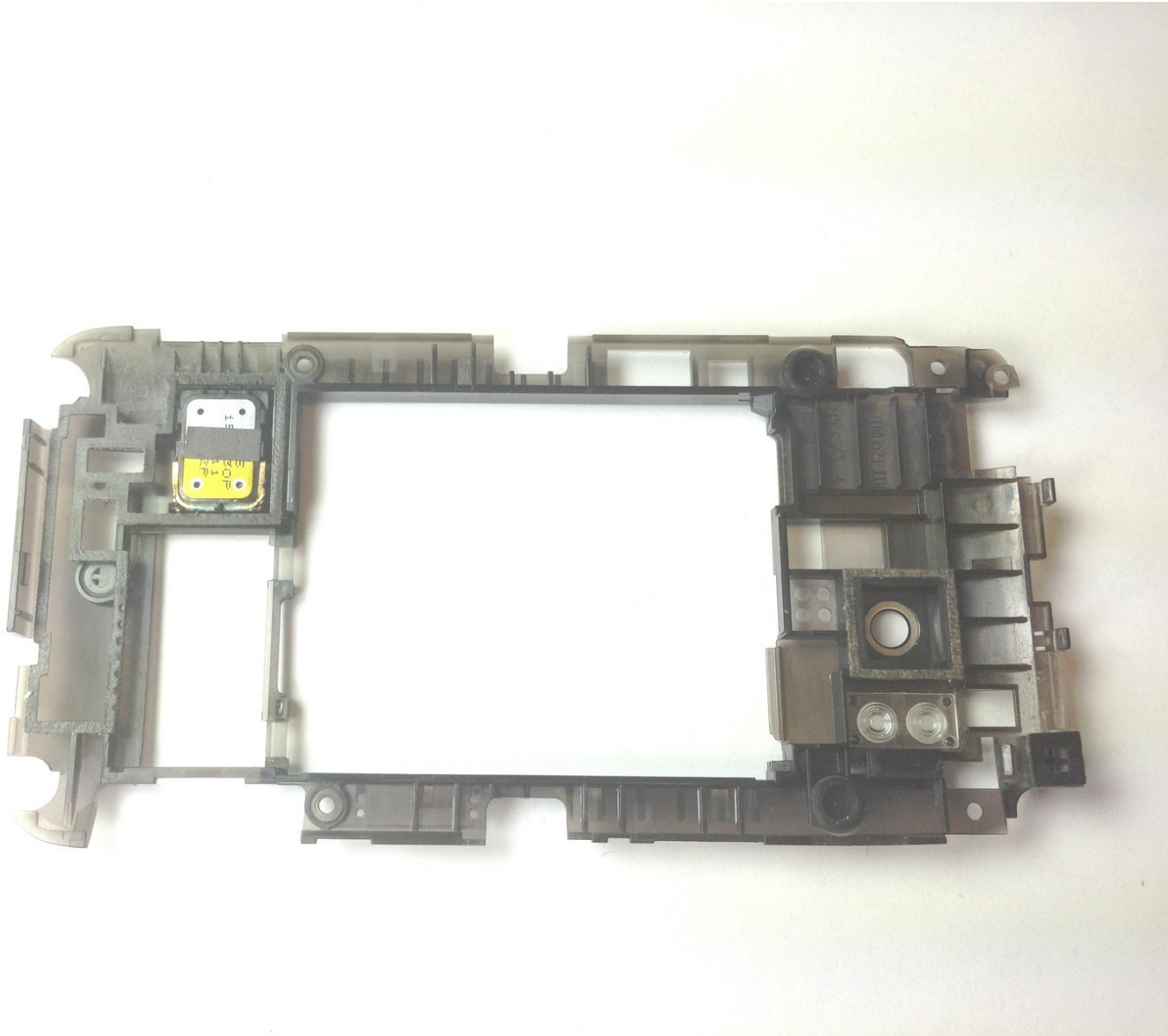




HTC Thunderbolt Speaker Replacement

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INTRODUCTION

Use this guide to replace a speaker that no longer outputs sound.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tool](#) (1)
 - [Tweezers](#) (1)
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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



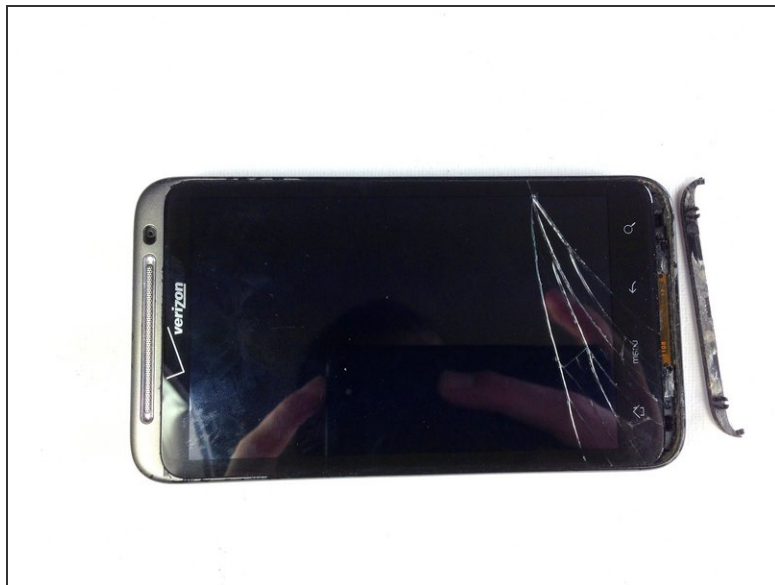
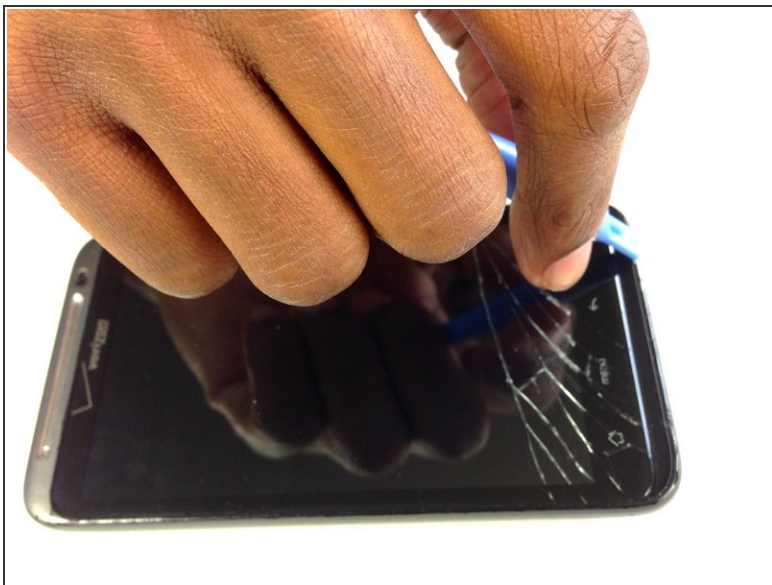
- Using the plastic opening tool, lift up the battery from the bottom near the kickstand.
- Remove the battery from the inner frame.


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



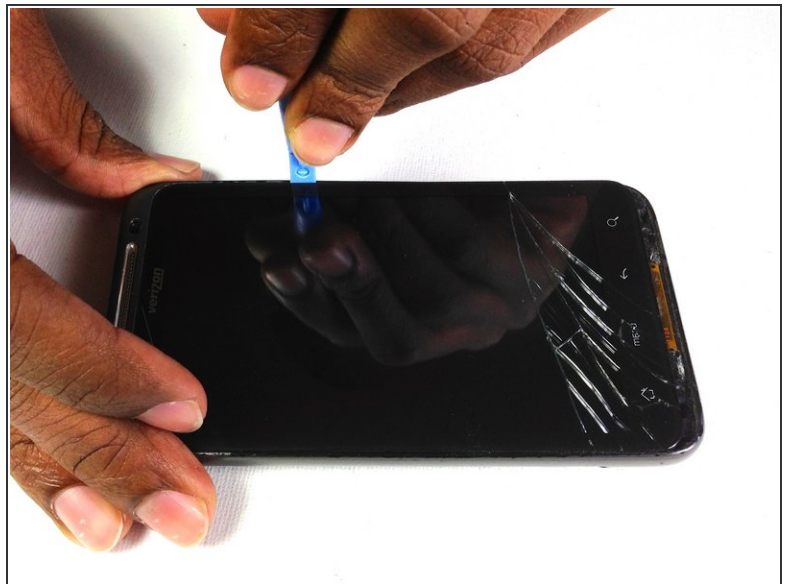
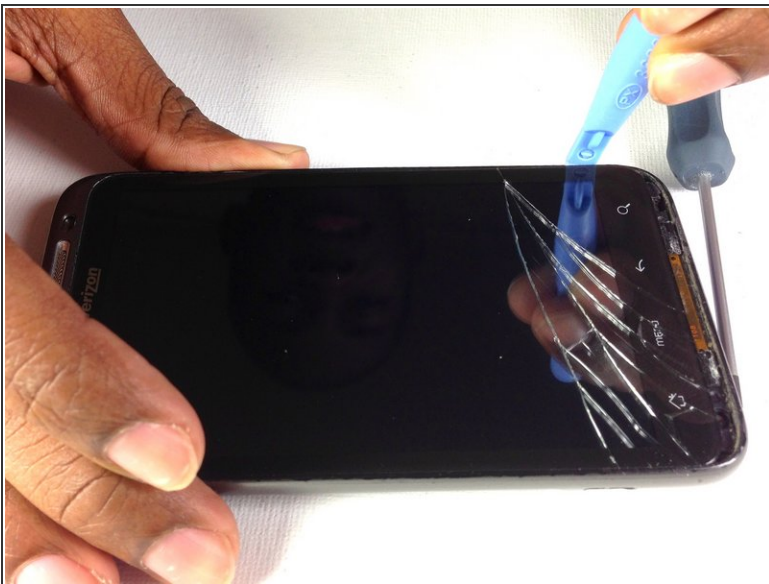
- Insert the plastic opening tool into the bottom of the phone underneath the soft keys.
 - Gently pry up on the plastic cover by sliding the plastic opening tool across the bottom of the phone.
 - Remove the plastic cover.
-  The plastic cover will have adhesive on it making it difficult to remove.

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.

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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



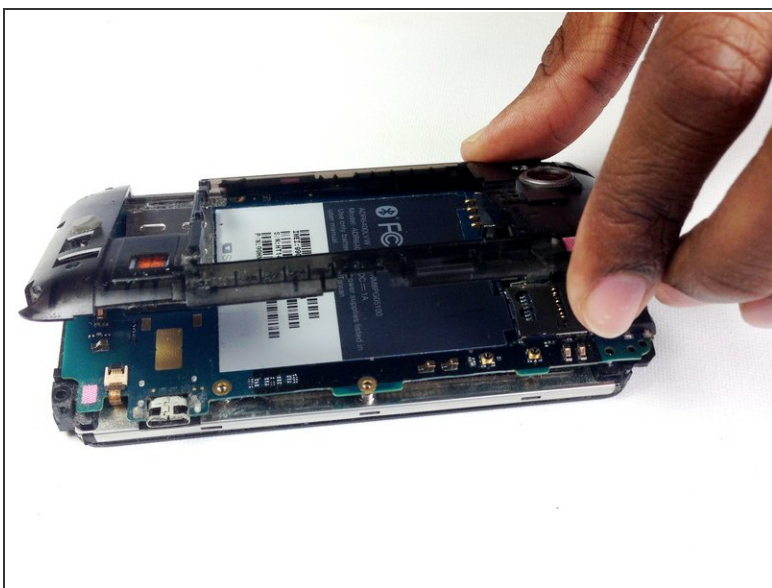
- Remove the two Phillips screws securing rear inner frame to device.

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



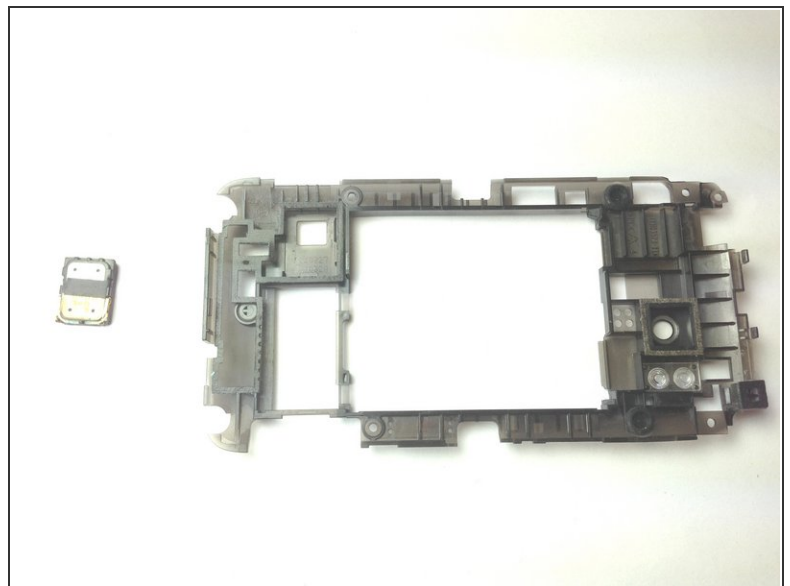
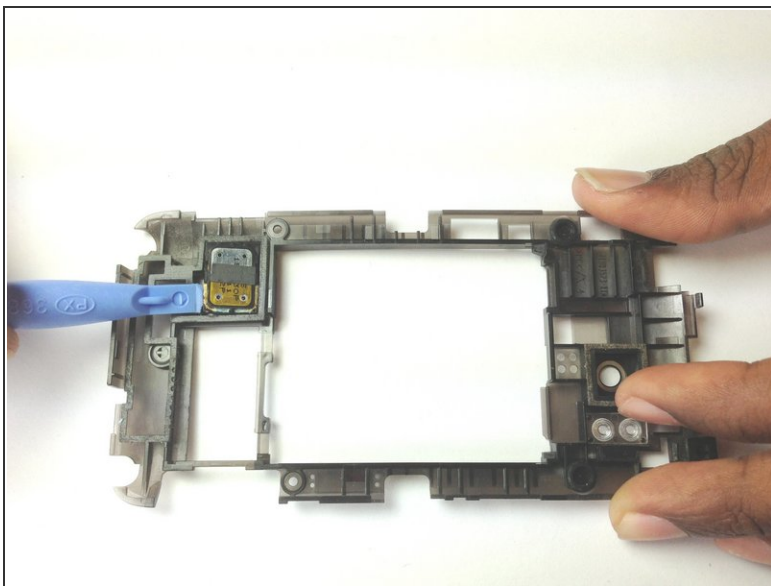
- Remove the rear inner frame from the rest of the device.

Step 12 — Speaker



- Flip over rear inner frame.

Step 13



- Pry out speaker with plastic opening tools.
- You have now removed the speaker.

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