



# HTC Desire 816 Speaker Replacement

Replacing speakers to resume high quality audio.

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## INTRODUCTION

HTC is now known for there audio quality. The bottom speaker is a major item in the device so the user can have the full HTC sound experience. This guides purpose is geared towards the user replacing the speakers.



### TOOLS:

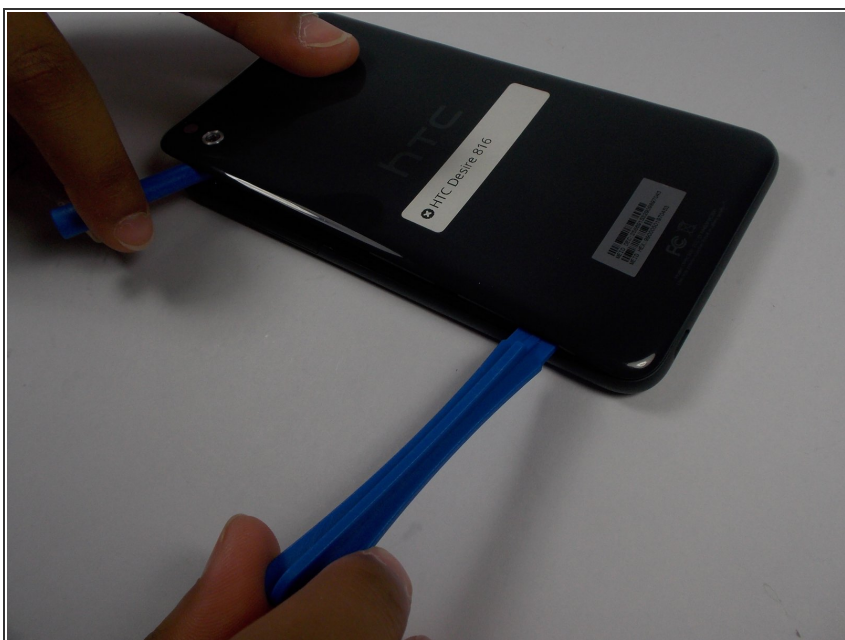
- [iFixit Opening Tools](#) (1)
  - [Spudger](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
  - [Tweezers](#) (1)
  - [T5 Torx Screwdriver](#) (1)
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## Step 1 — Battery



- Pry open the back panel by inserting the plastic opening tool on the left of the camera. We find this spot the easiest to get the tool under the panel.

## Step 2




- Once you get an open spot, with a second plastic opening tool, slide down to the bottom of the phone to free the rest of side.

## Step 3



- There is adhesive between the battery and the back panel. Take a nylon spudger to cut through the adhesive.

 Be sure to use the correct tool for the job. Metal spudgers can puncture an unprotected battery, potentially causing a fire.

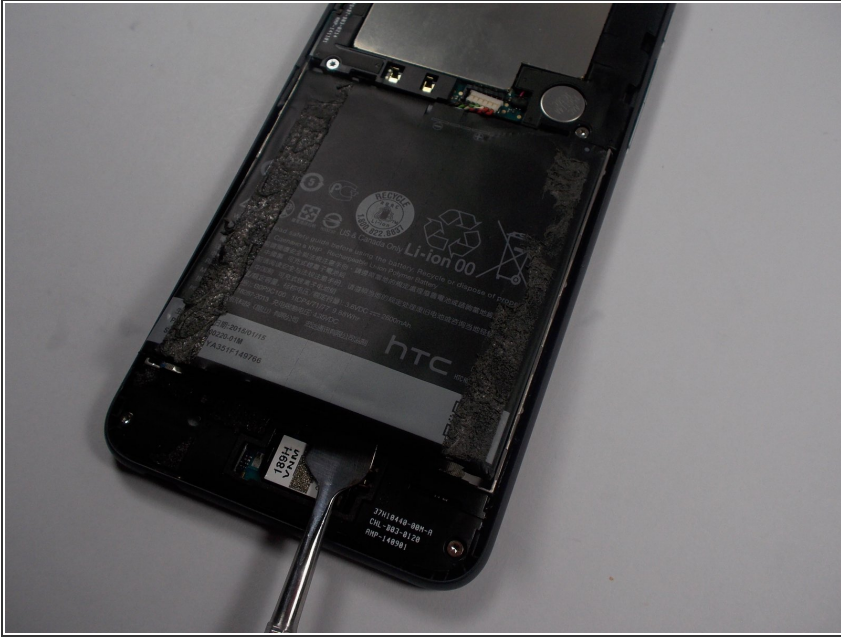
## Step 4



- Once all way around the bottom, the panel should be broken free of the adhesive, and the rest of the panel should pop right off.



## Step 5



- Insert a nylon spudger at the bottom of the battery and lift up to remove the battery.

⚠ Be sure to use the correct tool for the job. Metal spudgers can puncture an unprotected battery, potentially causing a fire.

## Step 6



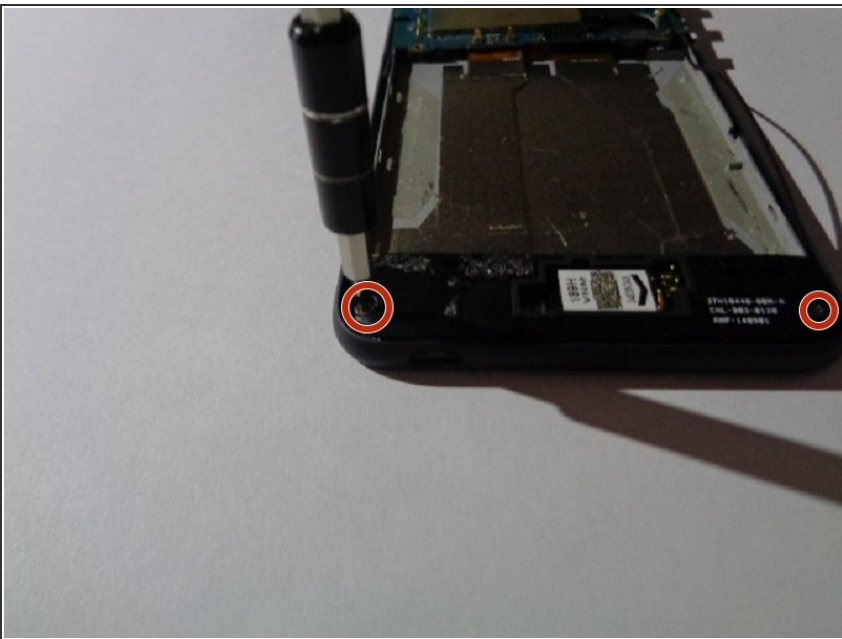
- There is adhesive on the other side of the battery as well, take the nylon spudger used to get off the panel and cut through.

## Step 7



- Carefully lift battery backside first to disconnect the white connector.

## Step 8 — Bottom Speakers



- Using the T5 screw driver, unscrew the following screws.

## Step 9



- Using the T5 screw driver remove the remaining screw at the bottom right corner of the phone.

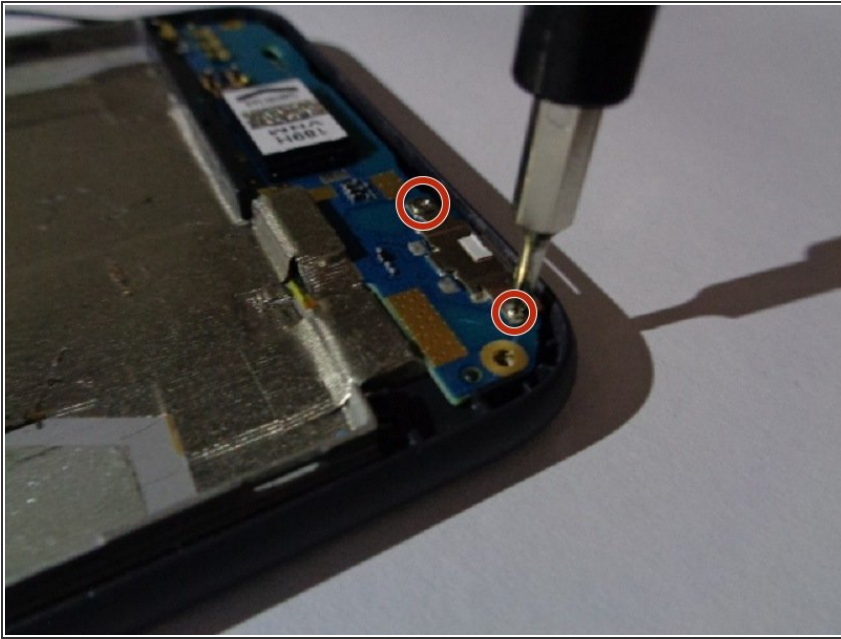
## Step 10



- Lift and remove black plastic casing with a nylon spudger to access the motherboard and speaker.

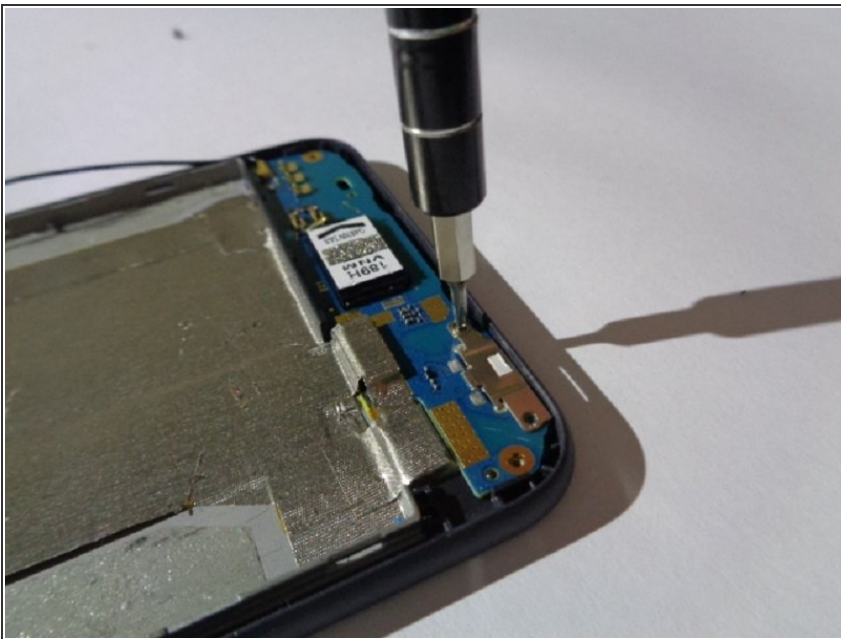


## Step 11



- Using the PH000 unscrew the following screws that are holding down the motherboard.

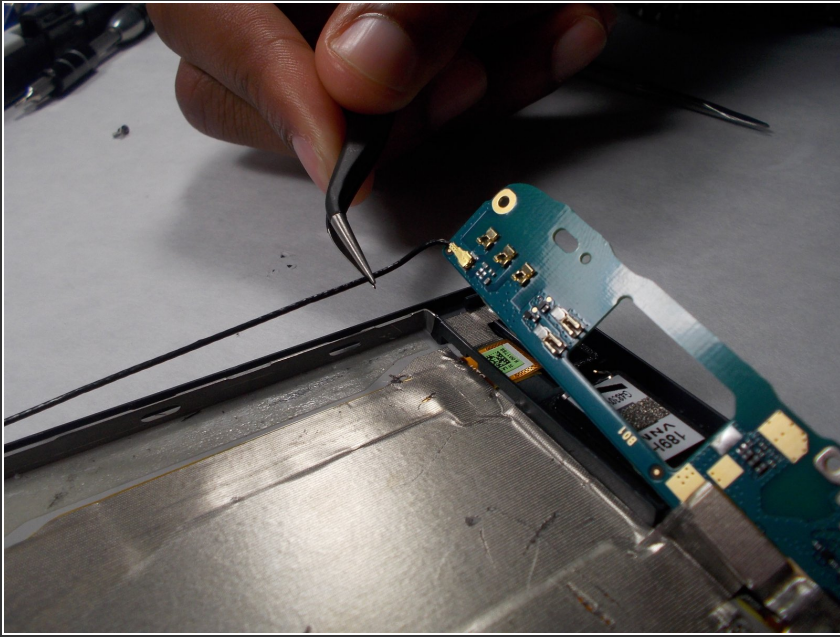
## Step 12



- Using the PH000 screw driver, unscrew the remaining screw.

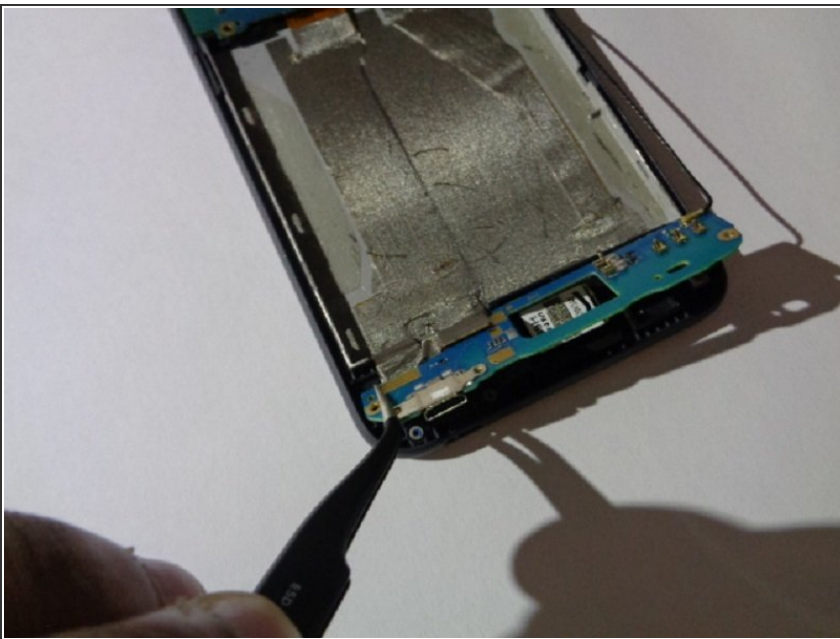


## Step 13



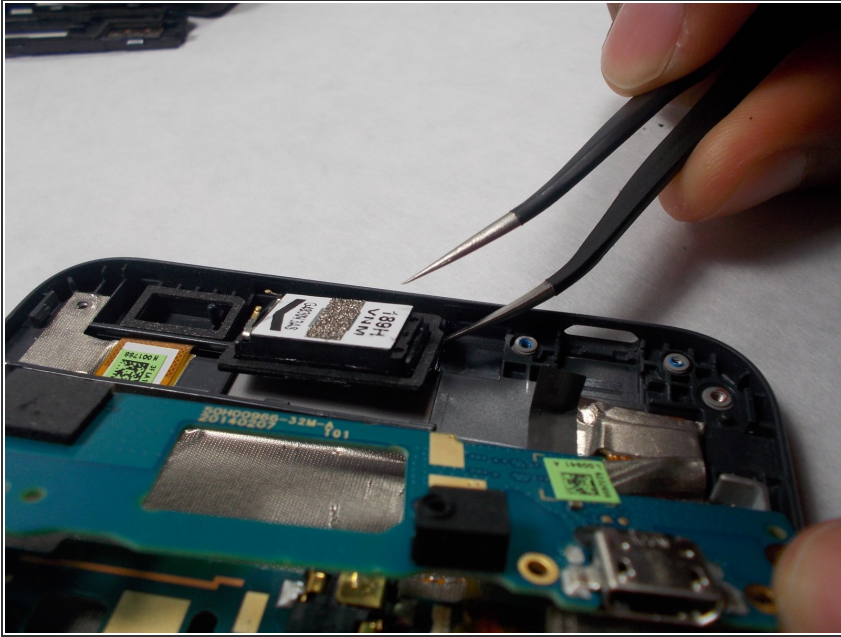
- Gently disconnect the wire located on the right side of the device from the bottom motherboard .

## Step 14



- Using a pair of tweezers, gently grab and lift the motherboard.

## Step 15



- Using a pair of tweezers, gently grab and remove the speaker.

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