



# HTC Desire 816 Speaker Replacement

Replacing speakers to resume high quality audio.

Written By: Saleena Douangphachanh



## 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:

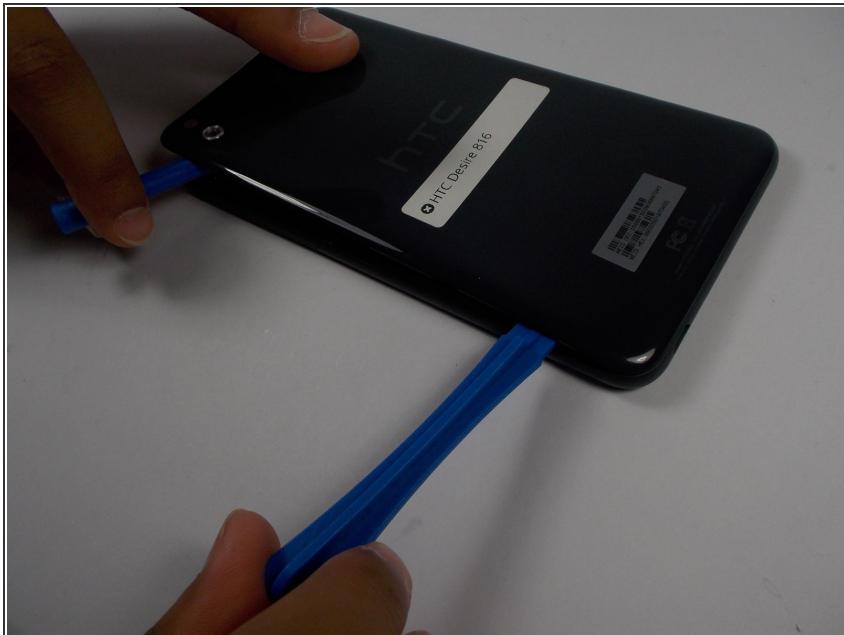
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [Tweezers](#) (1)
- [T5 Torx Screwdriver](#) (1)

## 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 the 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



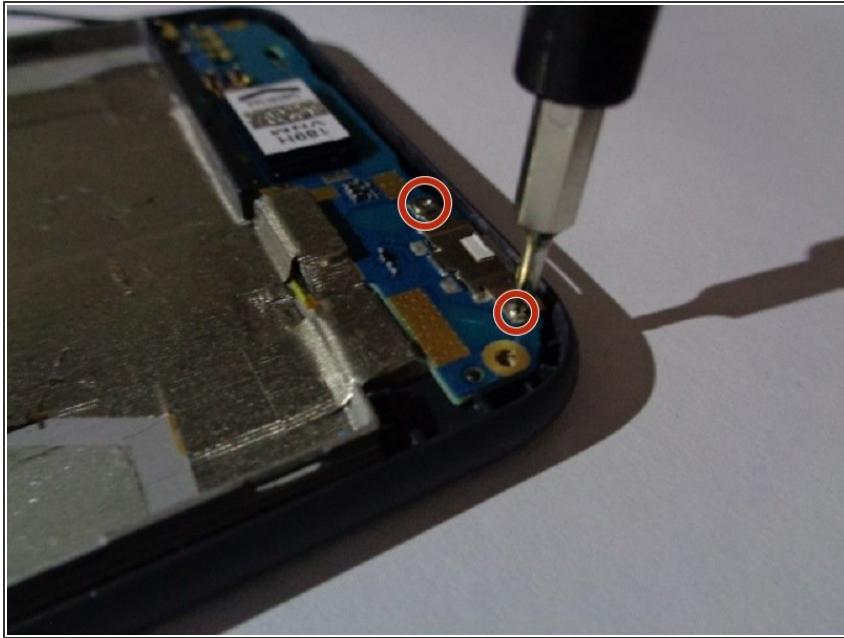
- Using the T5 screw driver remove the remaining screw at the bottom right corner of the phone.

## Step 10



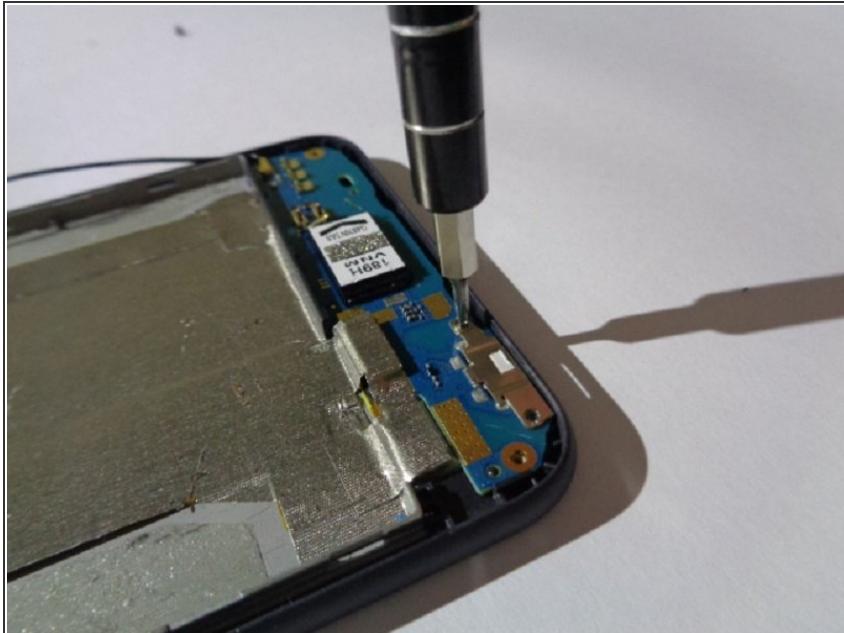
- Lift and remove black plastic casing with a nylon spudger to access the motherboard and speaker.

## Step 11



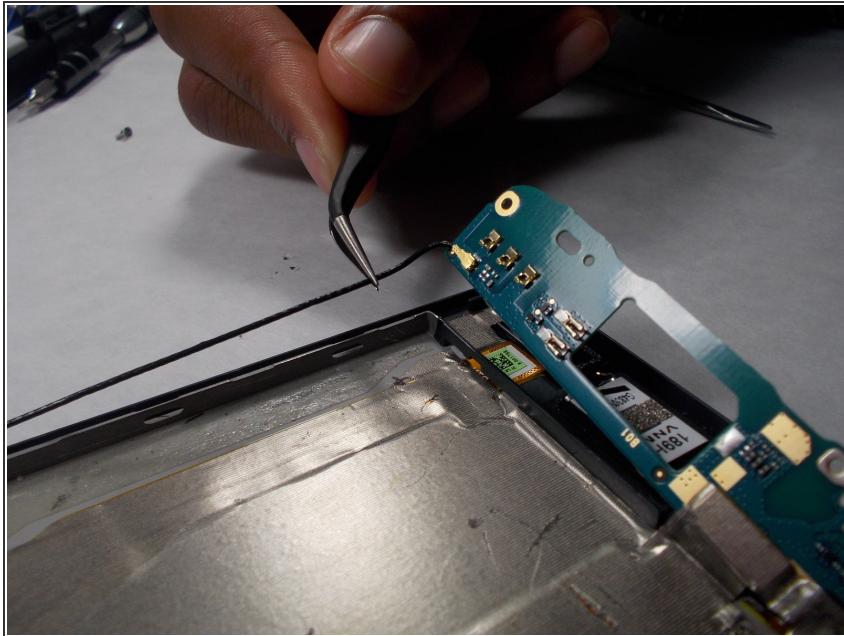
- Using the PH000 unscrew the following screws that are holding down the motherboard.

## Step 12



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

## Step 13



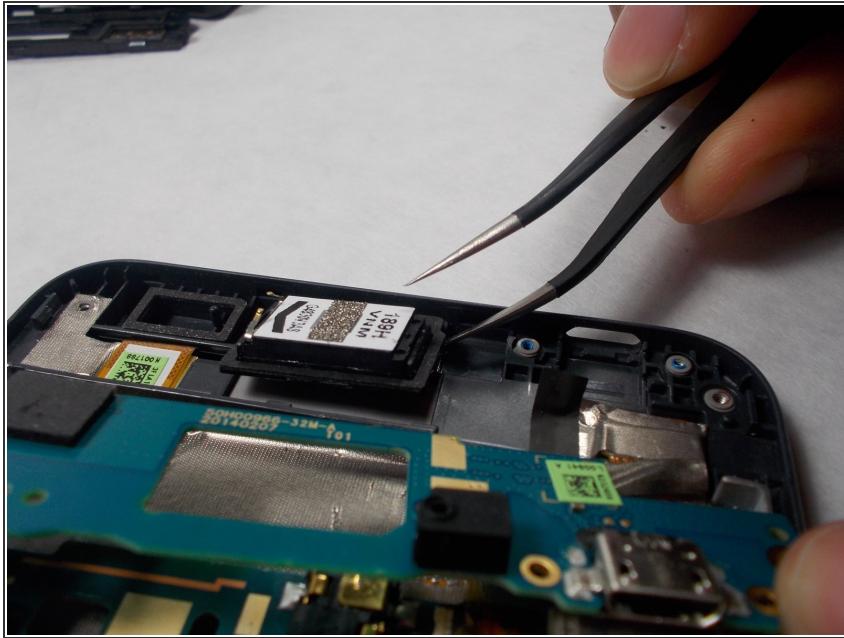
- Gently disconnect the wire located on the right side of the device from the bottom motherboard .

## 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.