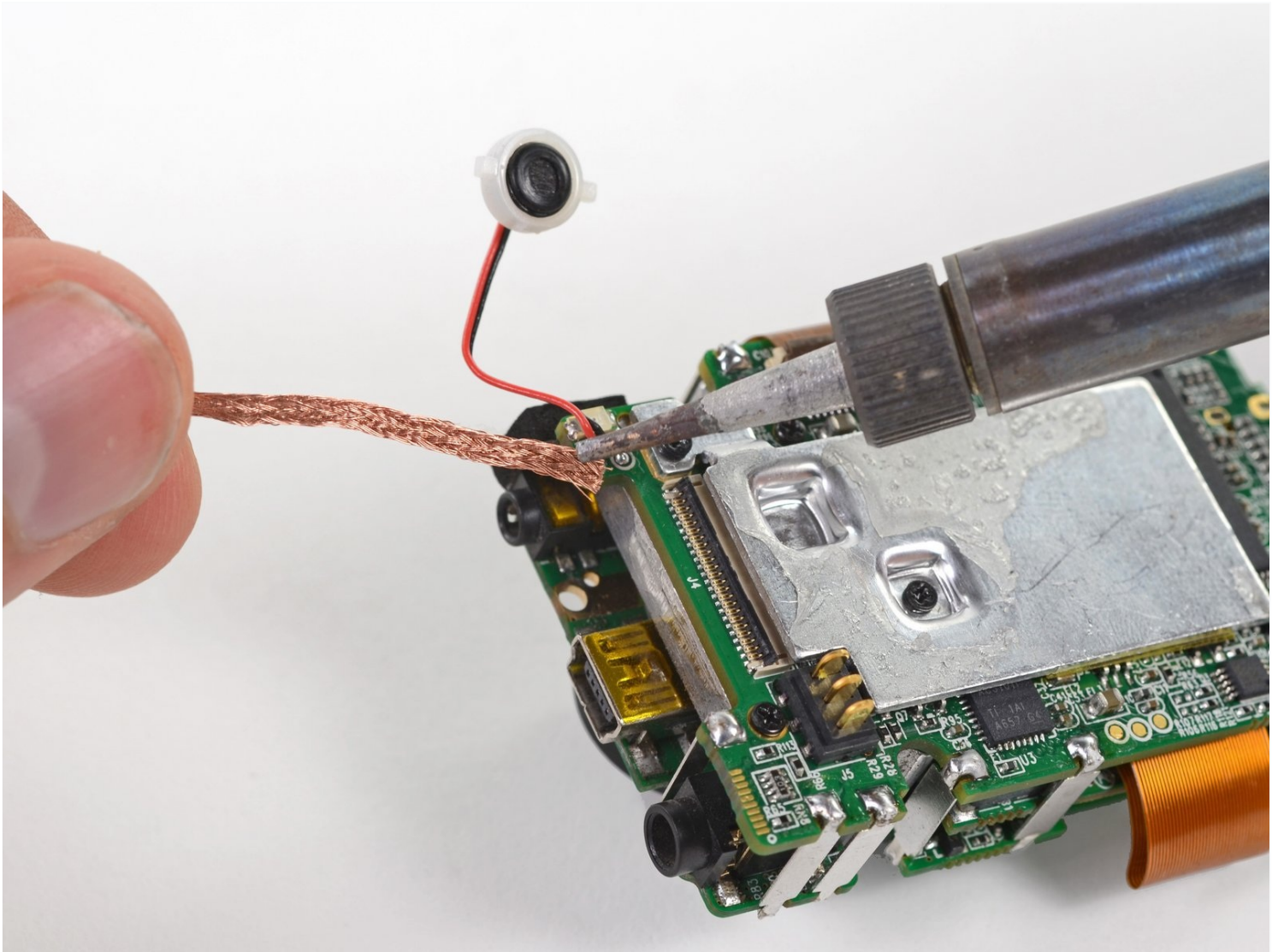




# GoPro HD Hero2 Speaker Replacement

No camcorder is complete without beeps to give...

Written By: David Hodson



# INTRODUCTION

No camcorder is complete without beeps to give you feedback to know that you're pressing the right buttons. If you launched your GoPro off a cliff and it no longer produces any sounds, you probably need a new speaker.

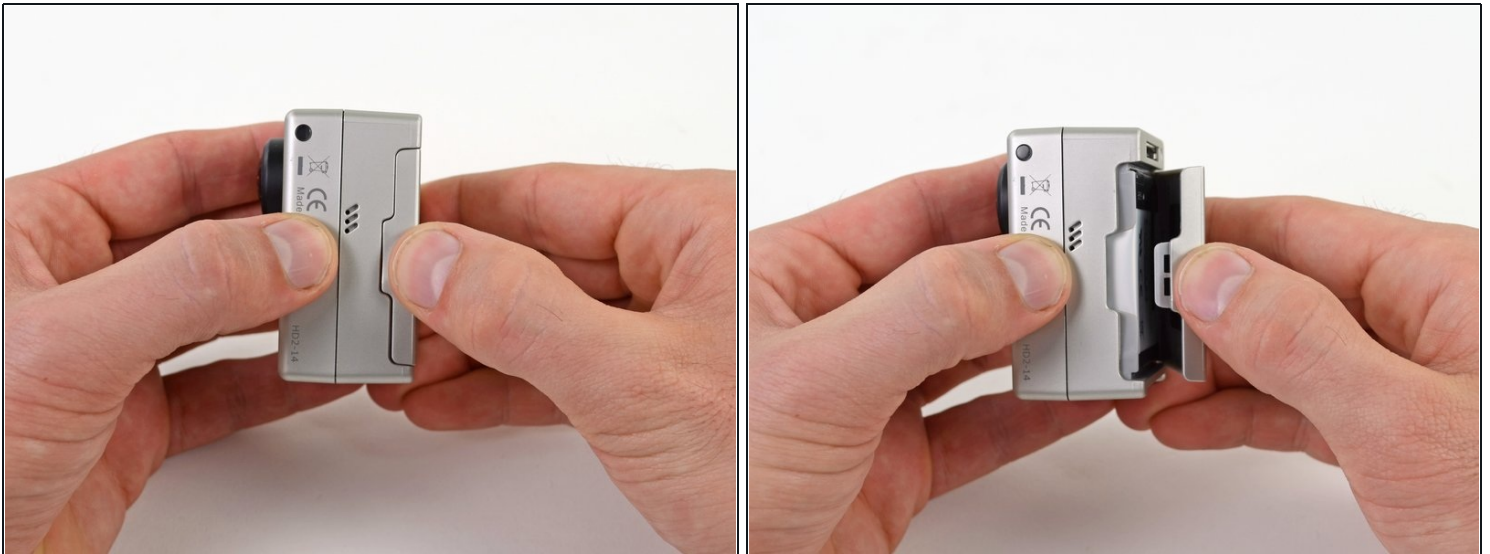
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## TOOLS:

[Tweezers](#) (1)  
[Phillips #0 Screwdriver](#) (1)  
[Phillips #00 Screwdriver](#) (1)  
[iFixit Opening Tool](#) (1)  
[Soldering Workstation](#) (1)  
[Spudger](#) (1)

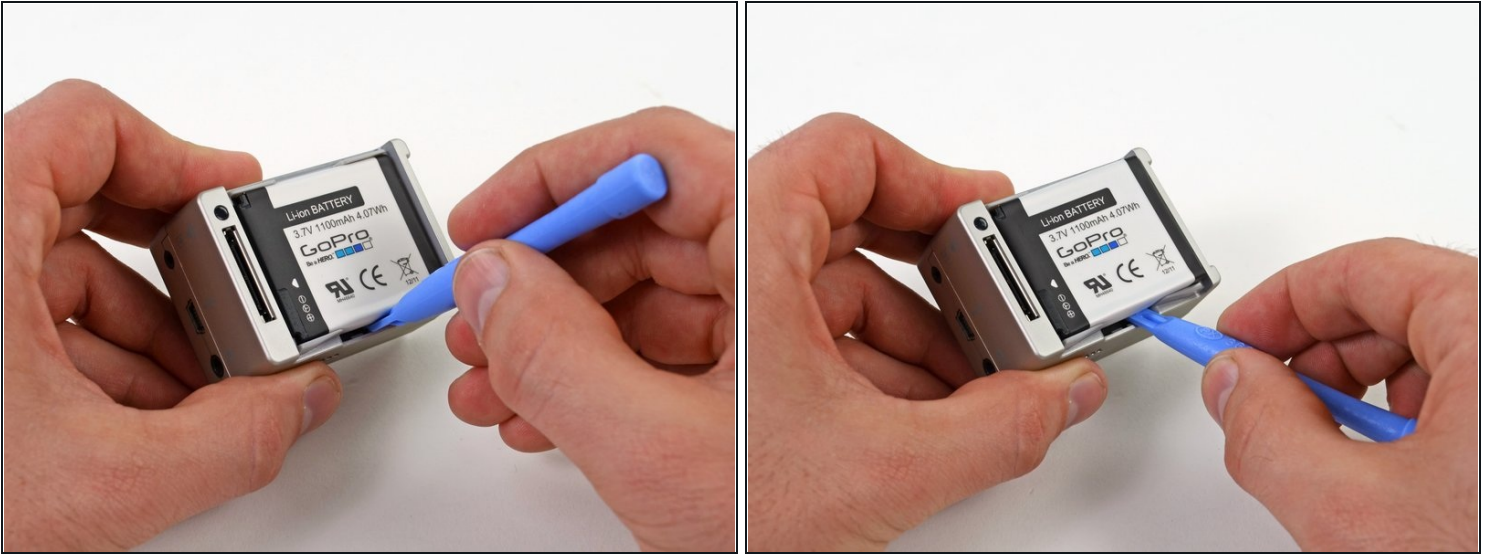
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## Step 1 — Back Cover



- Place your thumb on the indentation in the back case on the side of the GoPro.
- Gently press down with your thumb and lift the back cover away from the case to remove it.

## Step 2 — Battery



- Slide a plastic opening tool between the battery and the rear case.
- Gently pry the battery up and out of the rear case.

## Step 3



- Remove the battery from the case.



## Step 4 — Rear Case



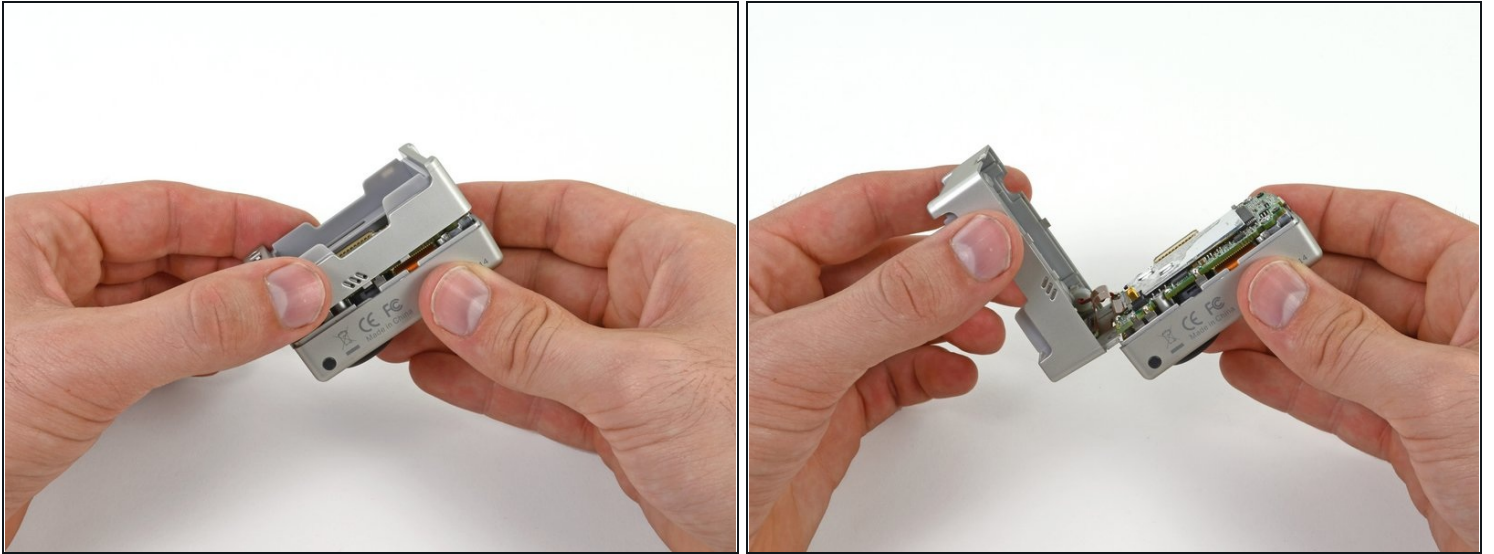
- Remove the four Phillips #00 screws securing the rear case to the rest of the device:
  - Two 5.5 mm coarse thread screws.
  - Two 4.4 mm fine thread screws.

## Step 5



- Slide the edge of a plastic opening tool underneath the sticker on the rear cover and gently peel the sticker up.
- Once you have enough of the sticker peeled up with the plastic opening tool, grab an edge of it with your fingers and pull it off completely.

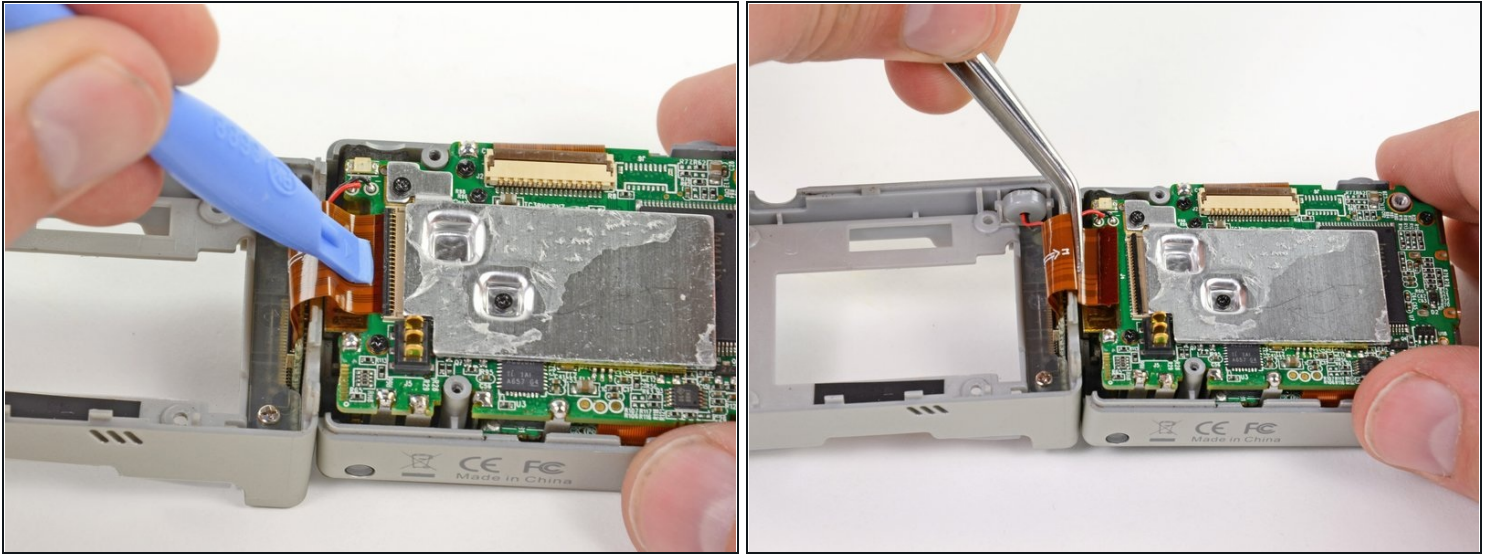
## Step 6



- Grasp the rear case and lift it off of the front case.

⚠ Do not try to completely remove the rear case yet, as it is still attached by the display port ribbon cable.

## Step 7



- Using a plastic opening tool or your fingernail, flip up the locking tab on the SD board ribbon cable ZIF connector on the motherboard assembly.  
**⚠ Be careful that you are prying on the locking tab, and not the connector itself.**
- Use a pair of [tweezers](#) to remove the SD board ribbon cable from its connector on the motherboard.

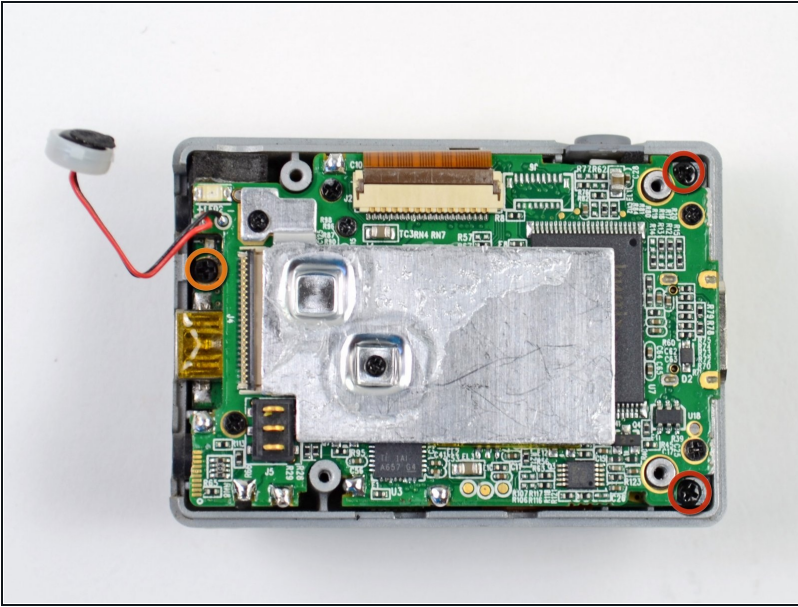
## Step 8



- Lift the speaker out of the rear case with the tip of a spudger.
- Remove the rear case.

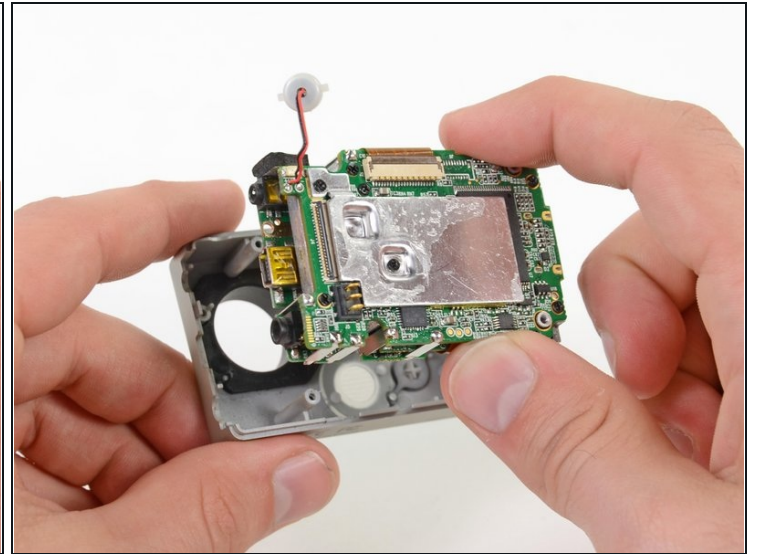
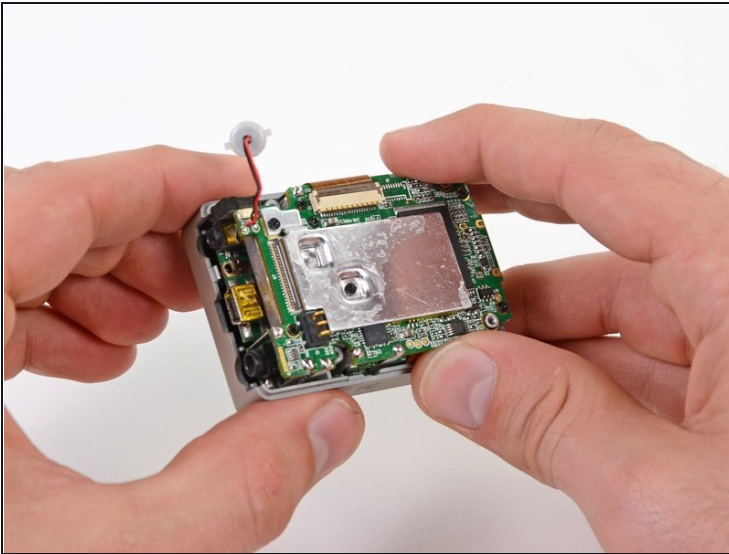


## Step 9 — Motherboard Assembly



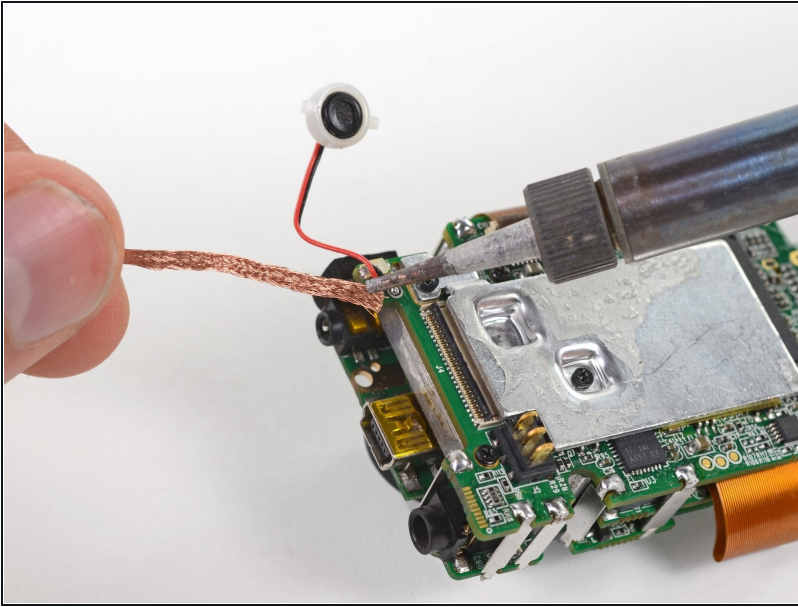
- Remove the three screws securing the motherboard assembly to the front case:
  - Two 10.8 mm Phillips #00 screws.
  - One 4.8 mm Phillips #00 screw.

## Step 10



- Gently grab the edges of the motherboard assembly and lift it out of the front case.

## Step 11 — Speaker



- Use a soldering iron and solder wick to desolder the speaker contacts on the motherboard assembly.
- For an in-depth tutorial on surface mount soldering and desoldering technique, see our [Repairing Soldered Connections](#) guide.

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