



MacBook Pro 15 2016-2017 Speaker Replacement

Speaker replacement for MacBook Pro 2016-2017 15inch.

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INTRODUCTION

Here's the guide of speaker replacement of MacBook Pro 2016/2017. In October 2016, Apple launched a new MacBook Pro, which had a whole new design and functions including Touch Bar, new butterfly keyboard, display and speakers. However these features annoyed the users because they were really frangible. Apple announced the replacement program of keyboard and display but speakers even many people have been suffering speakers muffling issue. Apple says it costs about \$600 to replace the speaker because they glued to the top case and can't be replaced individually. So I decided to replace by myself and write a guide for those have the same issue.

TOOLS:

- [Hair Dryer](#) (1)
- [iFixit 6 Inch Metal Ruler](#) (1)

PARTS:

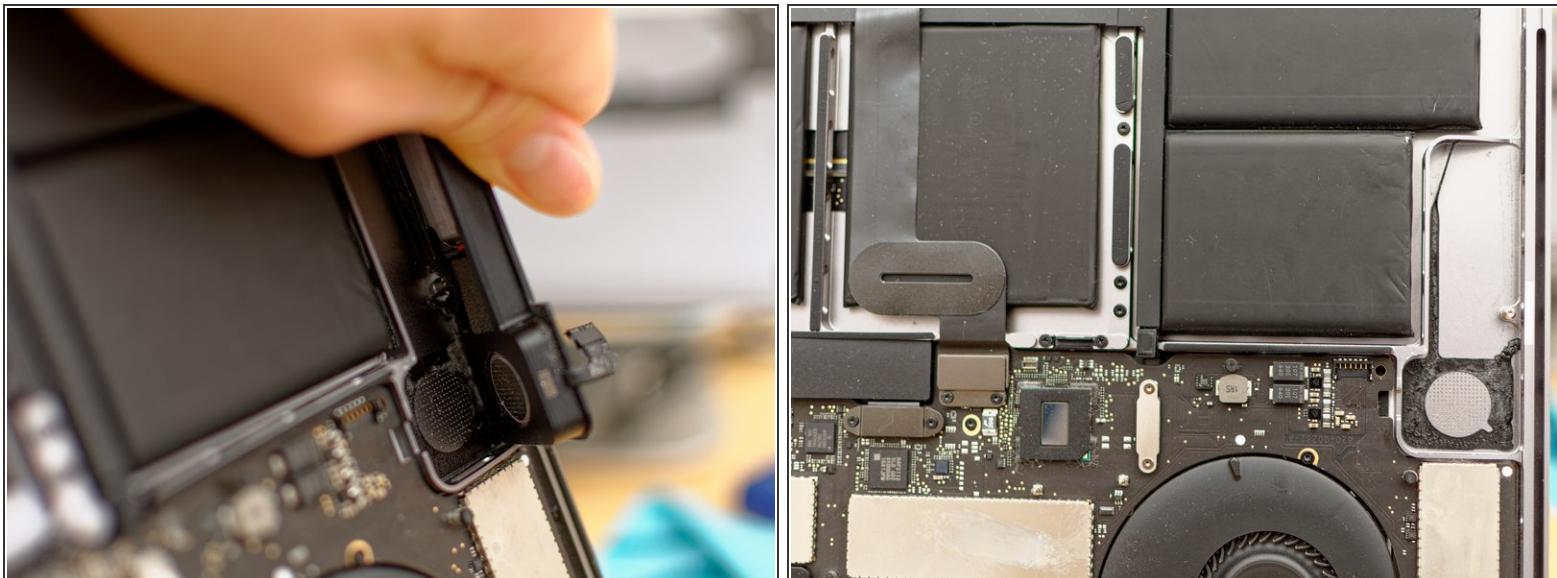
- [MacBook Pro 15" Retina \(Late 2016-2017\) Left Speaker](#) (1)
- [MacBook Pro 15" Retina \(Late 2016-2019\) Right Speaker](#) (1)

Step 1 — Speaker Replacement



- The speaker is glued to the enclosure with really hard tape, so I used hair dryer to make it easier to take it off.

Step 2 — Taking off the speaker (the hardest step)



- After that, insert a metal ruler between the speaker and the enclosure. **Be careful not to damage the battery shells when you do that.**

Step 3



- In my case, I used double-sided tape for this replacement. The most important thing in this step is **not to make a gap when you cut and put it on the speaker**. Even just a little gap will make sound distorted.
- Also, I noticed the structural differences between 2016 and 2017 models. The right one is 2017 model and left is 2016 model from iFixit. Sound absorbing material is slightly different as you can see at the third picture, but I couldn't tell the difference of sound quality.

Several month after this replacement, the battery drive time dropped so much, so I had my MBP checked at Genius Bar. I asked them if I could receive the battery replacement even I replaced the right speaker by myself, they said they could. Ultimately, the top case including battery and speakers was replaced. However I am afraid that the new speakers would break again because they sometimes make a cracking noise while playing music or something.