



MacBook Air 11" Late 2010 Microphone Replacement

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INTRODUCTION

Use this guide to replace a damaged microphone.



TOOLS:

- [P5 Pentalobe Screwdriver Retina MacBook Pro and Air](#) (1)
- [Spudger](#) (1)
- [T5 Torx Screwdriver](#) (1)



PARTS:

- [MacBook Air 11" \(Late 2010/Mid 2011\) Microphone](#) (1)

Step 1 — MacBook Air 11" Late 2010 Microphone Replacement



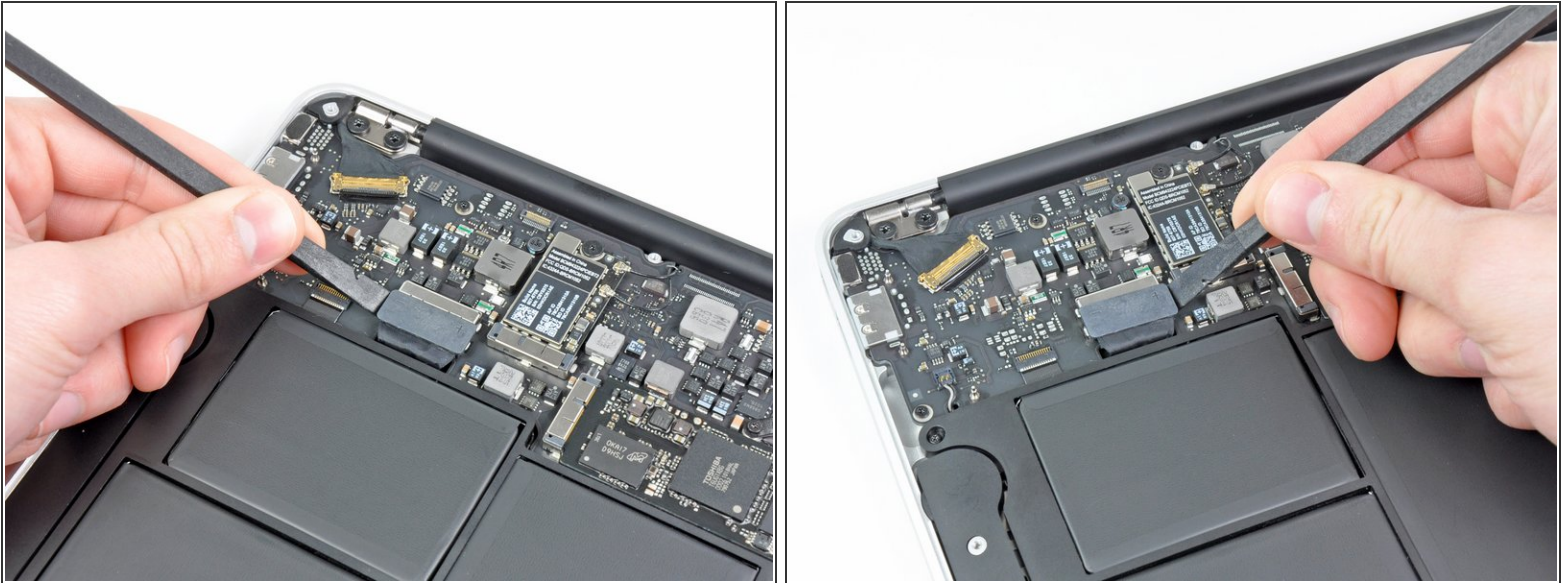
- ✦ Before proceeding, close your computer and lay it on a soft surface top-side down.
- Remove the following ten screws:
 - Two 8 mm 5-point Pentalobe screws
 - Eight 2.5 mm 5-point Pentalobe screws
- i The special screwdriver needed to remove the eight 5-point Pentalobe screws can be found .

Step 2



- Wedge your fingers between the display and the lower case and pull upward to pop the lower case off the Air.
- Remove the lower case and set it aside.

Step 3



- Use the flat end of a spudger to pry both short sides of the battery connector upward to disconnect it from its socket on the logic board.
- Bend the battery cable slightly away from the logic board so the connector will not accidentally contact its socket.

Step 4



- Remove the following five screws securing the battery to the upper case:
 - Two 5.2 mm T5 Torx screws
 - One 6 mm T5 Torx screw
 - Two 2.6 mm T5 Torx screws

Step 5



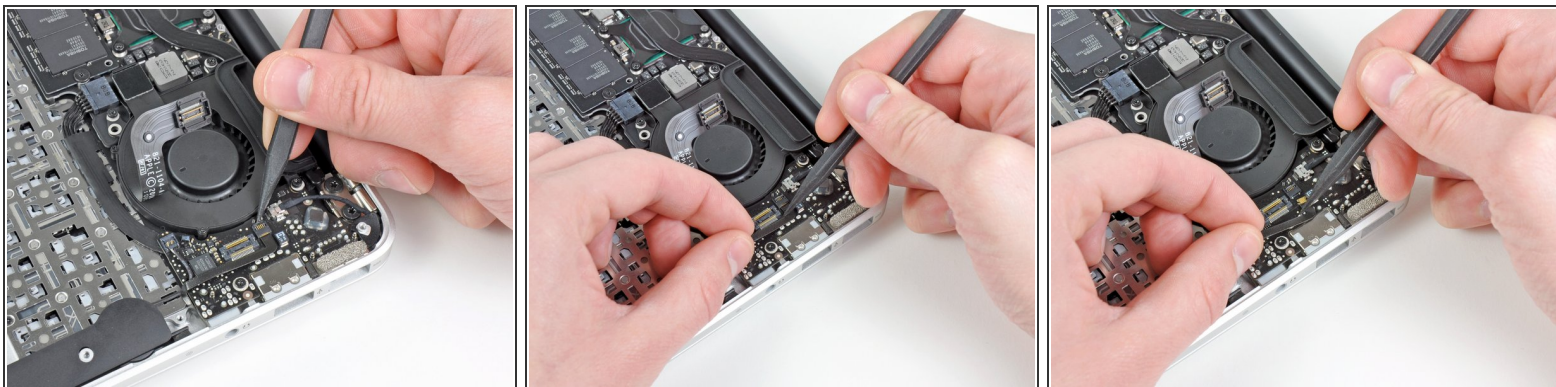
- ⚠ When handling the battery, avoid squeezing or touching the six exposed lithium polymer cells.
- Lift the battery from its edge nearest the logic board and remove it from the upper case.

Step 6



- Use the flat end of a spudger to pry the I/O board cable connector upward out of its socket on the I/O board.

Step 7



- Use the tip of a spudger to flip up the retaining flap on the microphone ribbon cable ZIF socket.

⚠ Be sure you are prying up on the hinged retaining flap, **not** the socket itself.

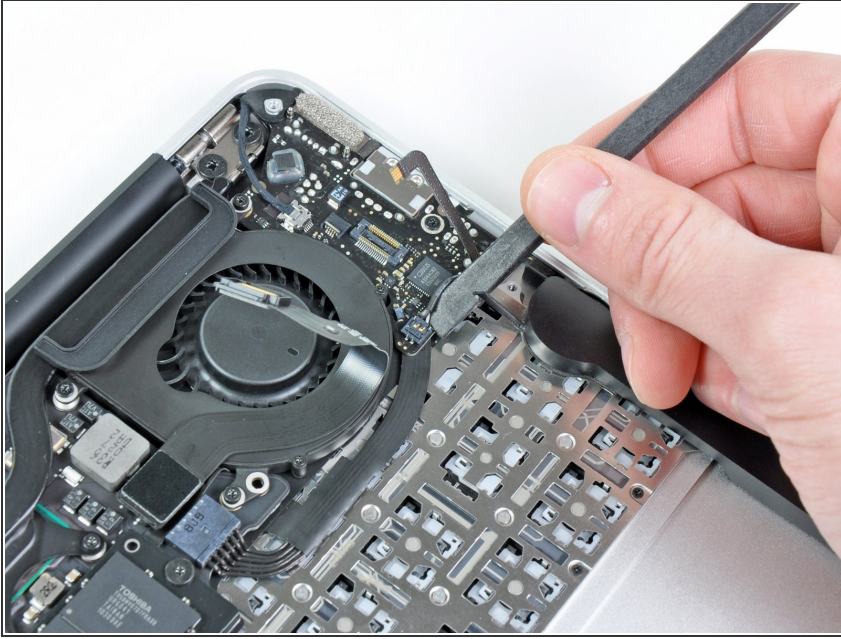
- Pull the microphone ribbon cable straight out of its socket.

Step 8



- Use the tip of a spudger to de-route the left speaker cable from the notch cut into the edge of the I/O board.

Step 9



- Use the flat end of a spudger to pry the left speaker connector up and out of its socket on the I/O board.
- ⓘ Pry upward from beneath the wires.

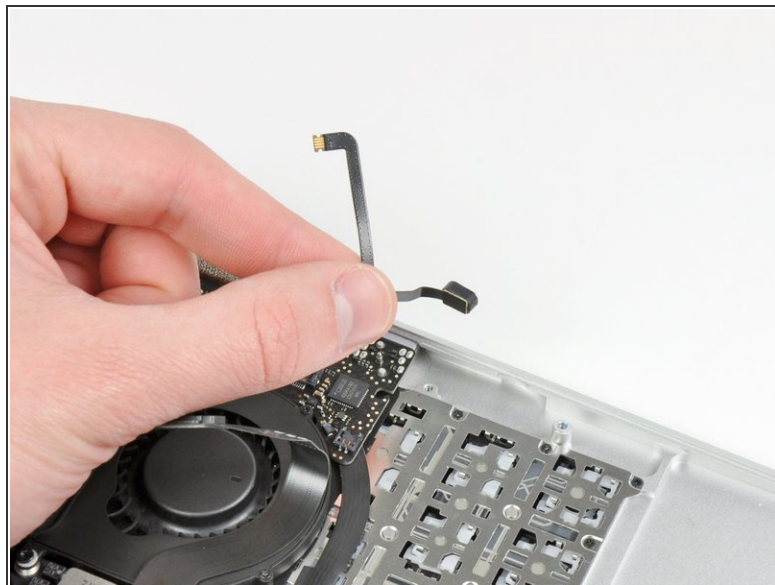
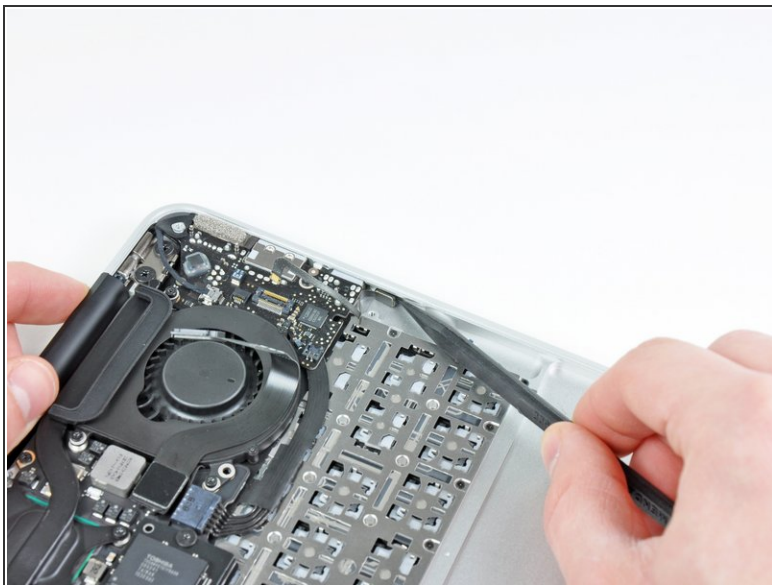
Step 10



- Use the flat end of a spudger to pry the left speaker off the adhesive securing it to the upper case.
- ⚠ Only pry up on the speaker from the areas of bare aluminum on the upper case. Prying up from the keyboard area may damage the keyboard and the speaker itself.
- Remove the left speaker from the upper case.

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Step 11



- Use the tip of a spudger to pry the microphone away from the side of the upper case.
- Remove the microphone from the upper case.

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