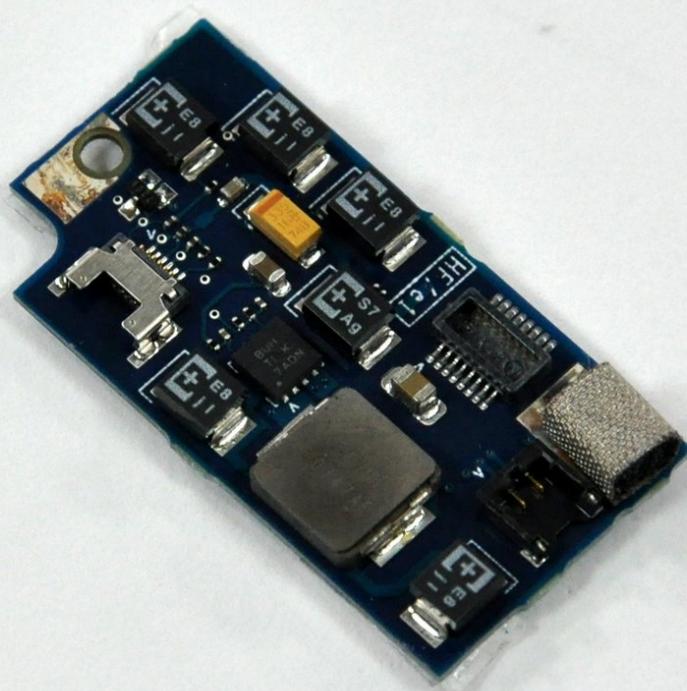




MacBook Air Models A1237 and A1304 Audio Board Replacement

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INTRODUCTION

Regain the function of your speakers by replacing the audio board.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)

PARTS:

- [MacBook Air \(Original\) Audio Board](#) (1)
- [MacBook Air \(Late 2008 Mid 2009\) Audio Board](#) (1)

Step 1 — Lower Case



⚠ Unplug your MacBook Air and power it off before you proceed.

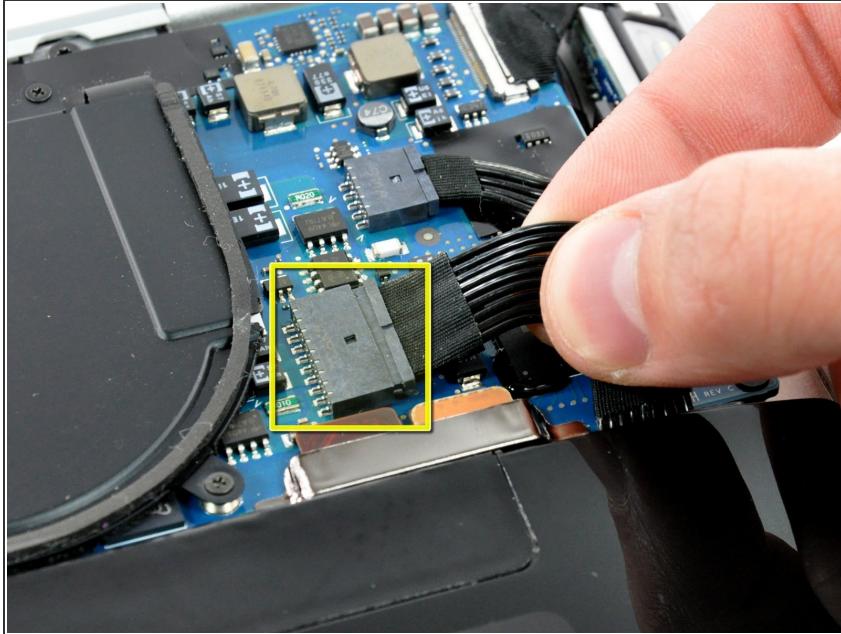
- Remove ten Phillips screws securing the lower case to the MacBook Air:
 - Six 2.8 mm screws
 - Two 3.8 mm screws
 - Two 5.4 mm screws

Step 2



- Slightly lift the lower case near the vents and push it toward the rear of the computer to free the mounting tabs.

Step 3 — Battery



- Disconnect the battery connector by pulling it straight out of its socket.

Step 4



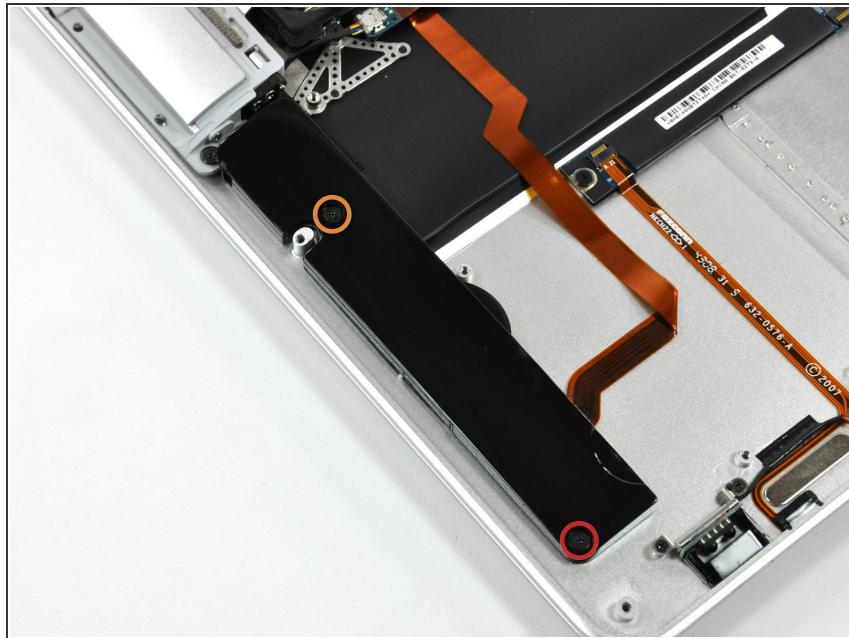
- Remove the following nine screws securing the battery to the Air:
 - Four 2.9 mm Phillips.
 - Four 3.8 mm Phillips.
 - One 7.2 mm Phillips.

Step 5



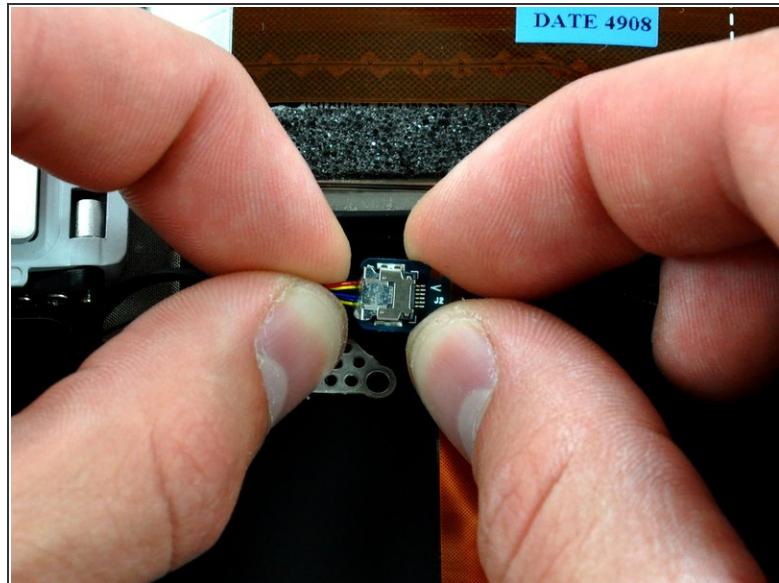
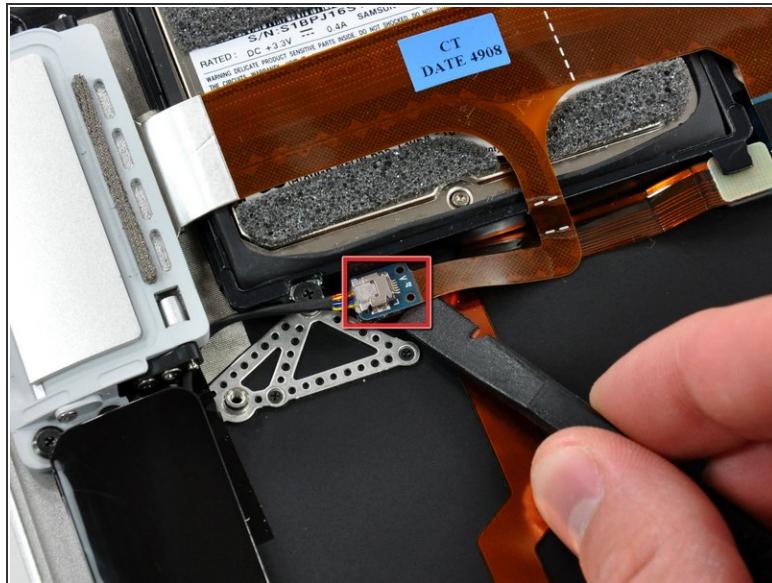
- Lift the battery out of the Air.
- If you're installing a new battery, you should [calibrate](#) it after installation:
 - Charge it to 100%, and then keep charging it for at least 2 more hours. Then, unplug and use it normally to drain the battery. When you see the low battery warning, save your work, and keep your laptop on until it goes to sleep due to low battery. Wait at least 5 hours, then charge your laptop uninterrupted to 100%.
 - If you notice any unusual behavior or problems after installing your new battery, you may need to [reset your MacBook's SMC](#).

Step 6 — Speaker



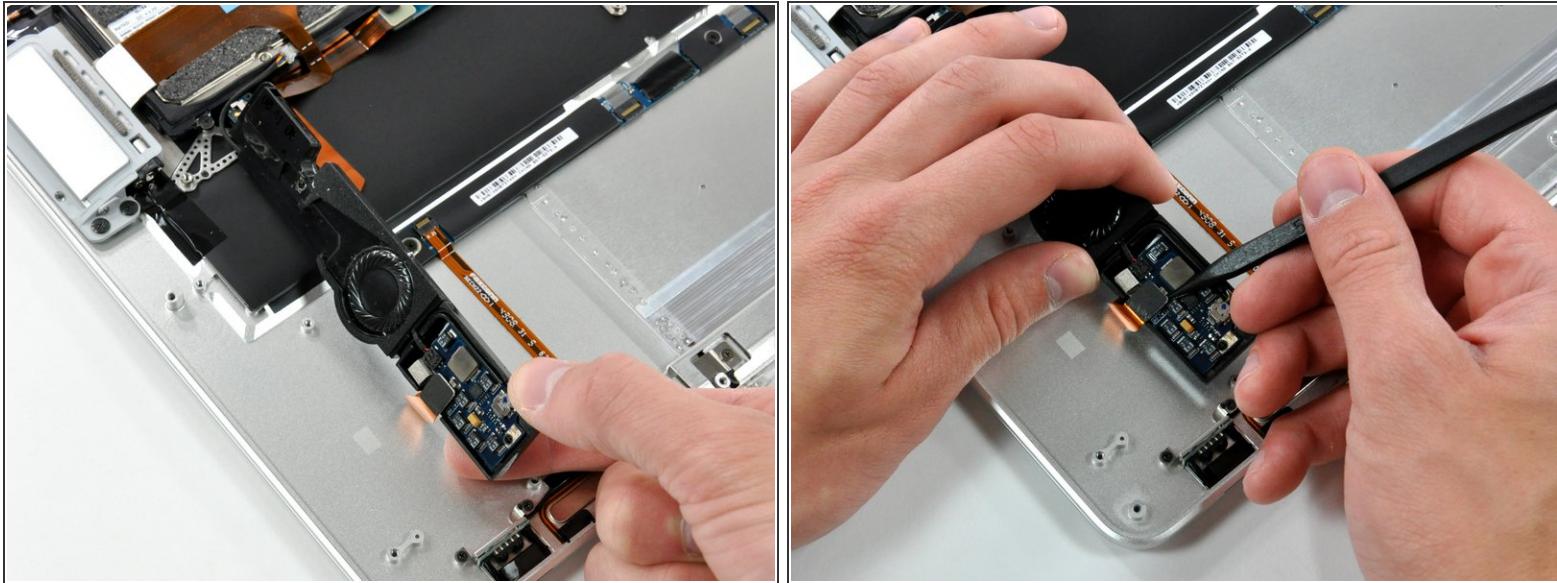
- Remove the following two screws securing the speaker assembly to the upper case.
 - One 3 mm Phillips.
 - One 5.8 mm Phillips.

Step 7



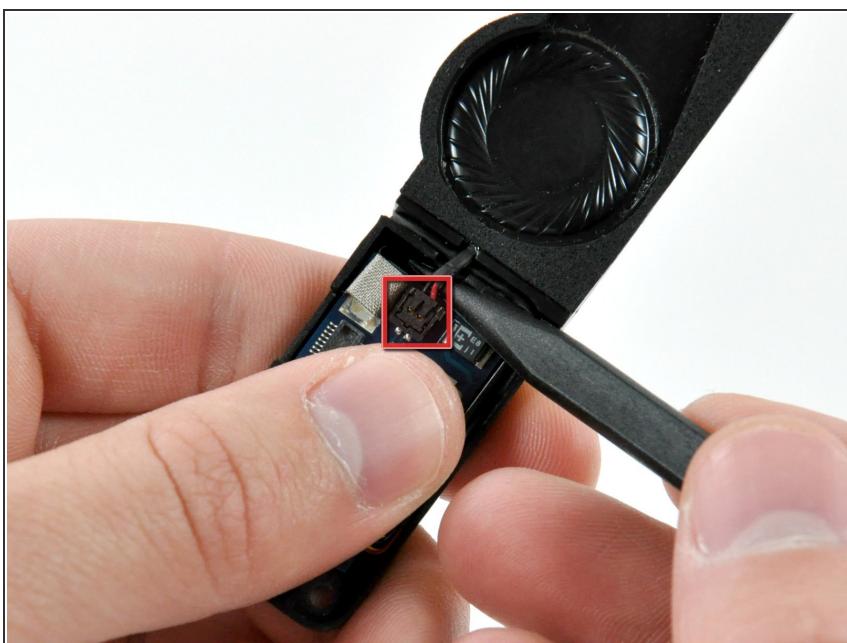
- Use a spudger to lift the audio-out connector board off the adhesive that secures it to the hard drive bracket.
- Disconnect the audio out connector from its socket.

Step 8



- Rotate the speaker assembly toward the center of the Air.
- Use a spudger to pry the speaker cable connector up off the audio board.

Step 9 — Audio Board



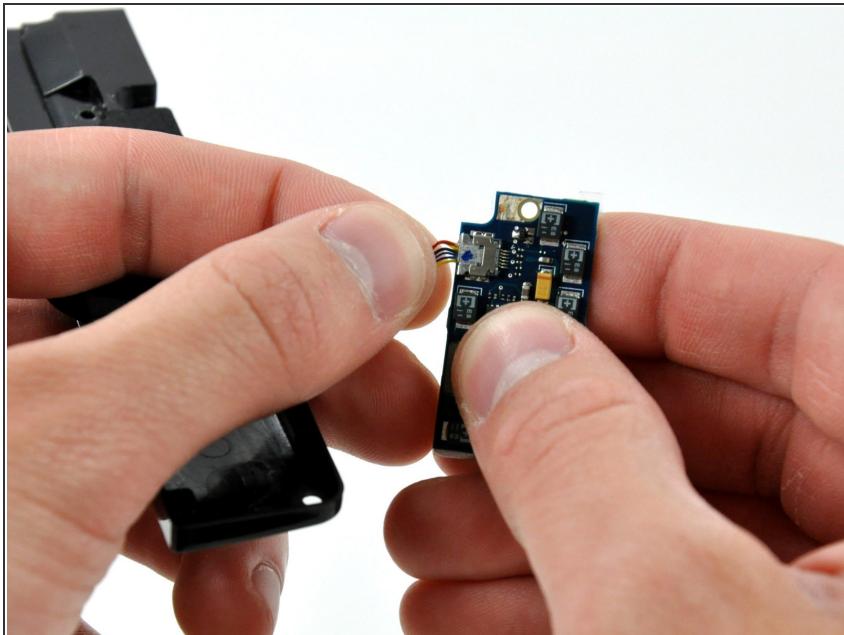
- Use the pointed end of a spudger to pry the speaker connector up off the audio board.

Step 10



- Insert the pointed end of a spudger into the gap around the audio board to pry it up off the adhesive securing it to the speaker housing.

Step 11



- Disconnect the audio out cable by pulling its connector straight away from the socket on the audio board.

Step 12



- Audio board remains.

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