



# MacBook Air Models A1237 and A1304 Audio Cable Replacement

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## INTRODUCTION

Use this guide to replace your audio cable.

### TOOLS:

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

### PARTS:

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

## Step 1 — Lower Case



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

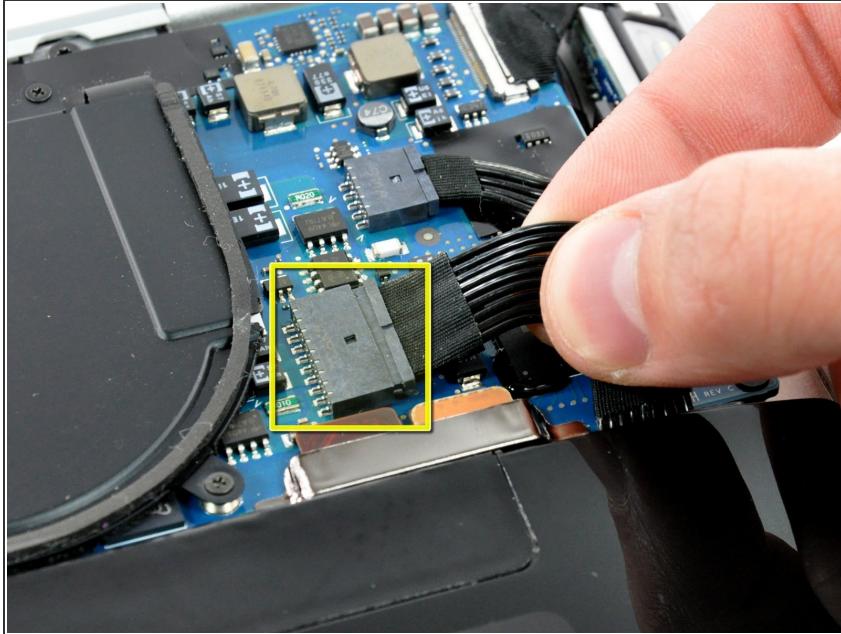
- Remove ten Phillips screws securing the lower case to the MacBook Air:
  - Six 2.8 mm screws
  - Two 3.8 mm screws
  - Two 5.4 mm screws

## 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



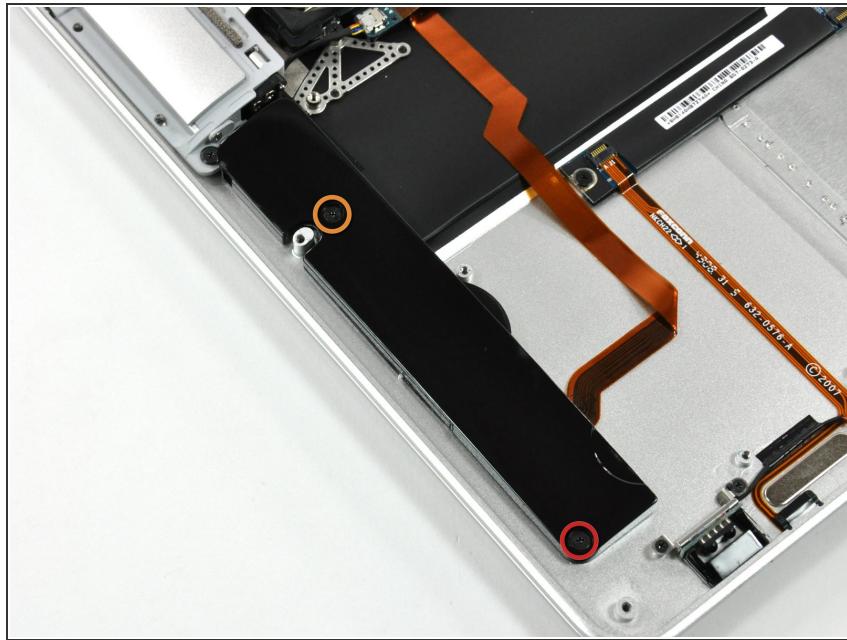
- Remove the following nine screws securing the battery to the Air:
  - Four 2.9 mm Phillips.
  - Four 3.8 mm Phillips.
  - One 7.2 mm Phillips.

## Step 5



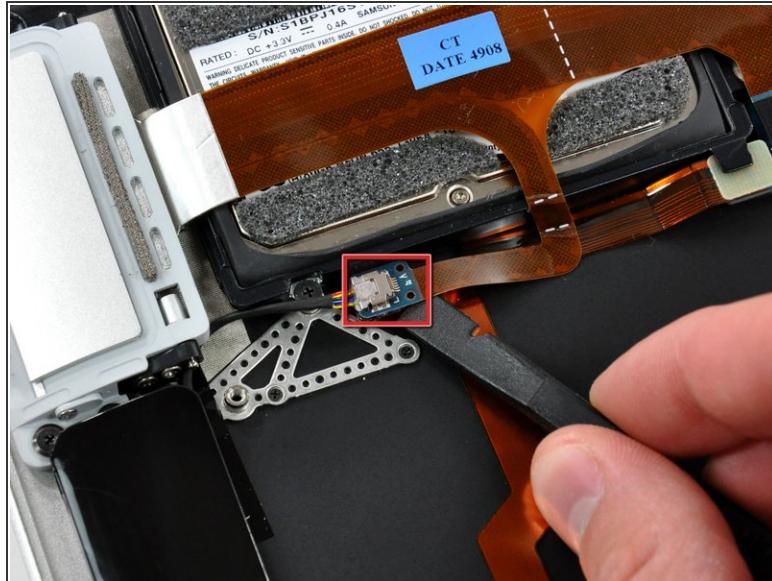
- Lift the battery out of the Air.
- If you're installing a new battery, you should [calibrate](#) it after installation:
  - Charge it to 100%, and then keep charging it for at least 2 more hours. Then, unplug and use it normally to drain the battery. When you see the low battery warning, save your 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



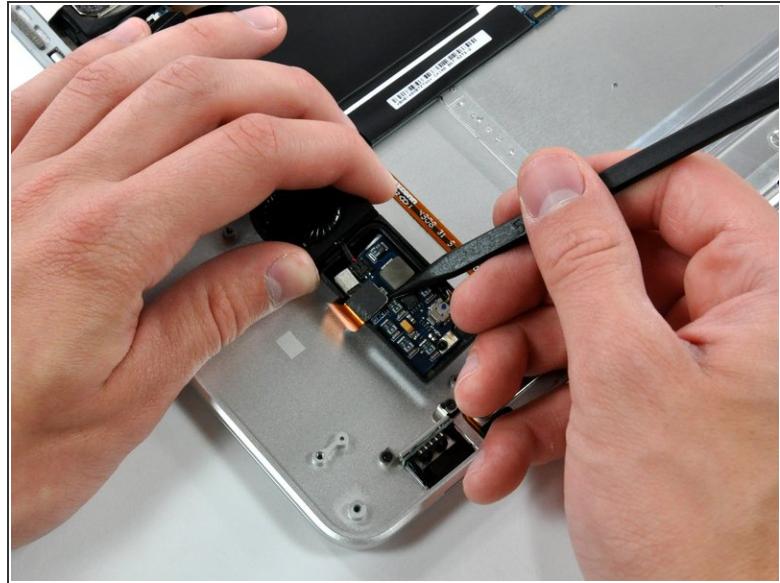
- Remove the following two screws securing the speaker assembly to the upper case.
  - One 3 mm Phillips.
  - One 5.8 mm Phillips.

## 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 Cable



- Disconnect the port hatch ribbon cable from the logic board by pulling it straight up by its black pull tab.
- If necessary, pull the audio out ribbon cable off the adhesive securing it to the upper case.

## Step 10



- Use the pointed end of a spudger to de-route the microphone cable from the hard drive bracket.

## Step 11



- Remove the following screws securing the hard drive to the upper case:
  - Two 3.9 mm Phillips screws.
  - One 4.7 mm Phillips screw.

*(i)* This may be a Torx T6 screw.

## Step 12



- Use the tip of a spudger to remove the cosmetic screw cover to reveal the last remaining screw securing the hard drive.

## Step 13



- Remove the 4.7 mm Phillips screw securing the hard drive to the upper case.

## Step 14



- Lift the hard drive slightly and use a spudger to pry the audio cable connector up off the logic board.
- Peel the audio cable off the adhesive securing it to the upper case.

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