



# MacBook Unibody Model A1342 AirPort/Bluetooth Board Replacement

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## INTRODUCTION

Wireless connectivity issues? Use this guide to replace an inoperative AirPort/Bluetooth board.



### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [T8 Torx Screwdriver](#) (1)



### PARTS:

- [MacBook Unibody \(Model No. A1342 Mid 2010\) AirPort/Bluetooth Board](#) (1)

## Step 1 — Lower Case



- Remove the eight 4 mm Phillips screws securing the lower case to the MacBook.

## Step 2



**⚠** The lower case is constructed of rubber-coated aluminum. Do not excessively bend the aluminum during removal, as any permanent deformation will cause tolerance issues after reassembly.

- Slightly lift the lower case near the vent opening.
- Continue running your fingers between the lower and upper cases until the upper case pops off its retaining clips.
- i** The location of these three clips is shown in the third picture.

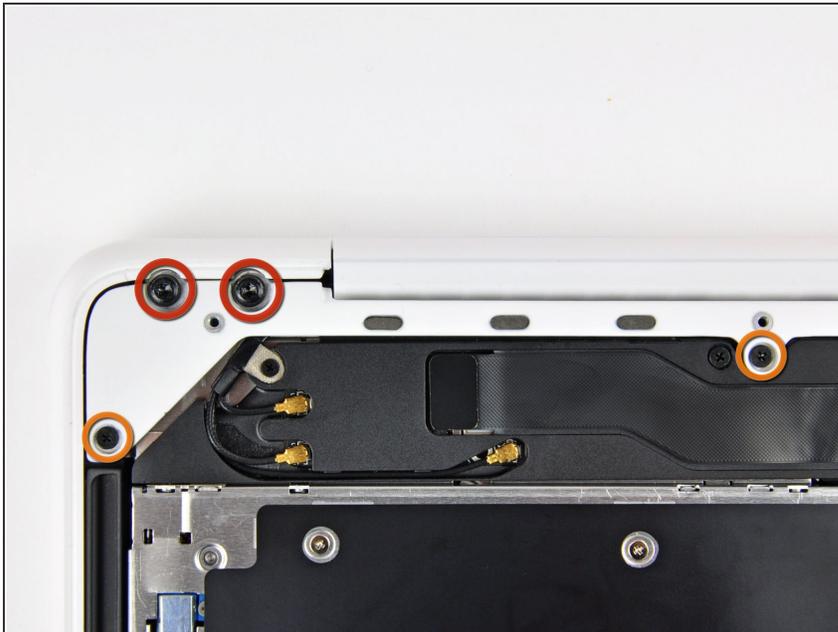
## Step 3 — Battery



**⚠** For precautionary purposes, we advise that you disconnect the battery connector from the logic board to avoid any electrical discharge. This step is **optional** and is not required.

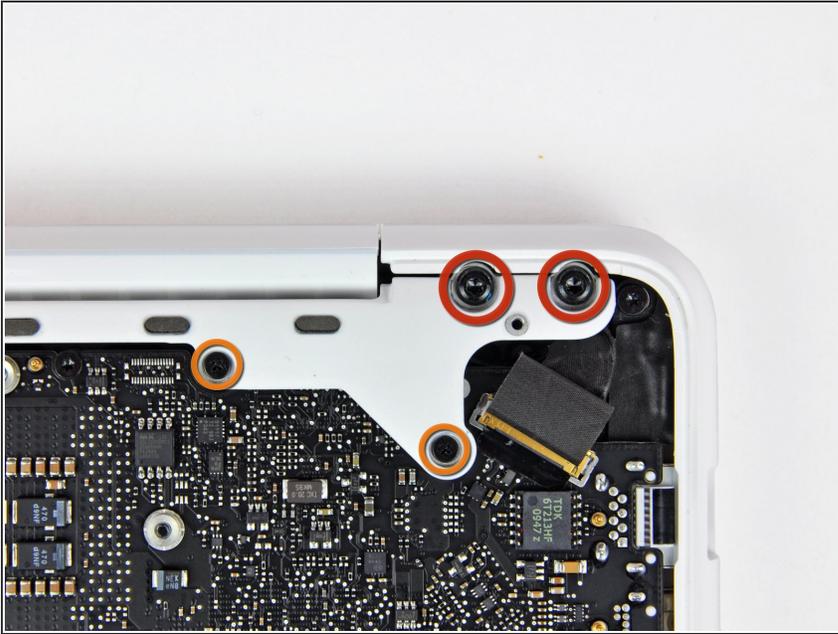
- Use the flat end of a spudger to lift the battery connector up out of its socket on the logic board.
- ⓘ It may be easier to use your fingernails to lift up on both sides of the connector.

## Step 4 — Rear Vent



- Remove the following screws from the optical drive side of the rear vent:
  - Two 10 mm T8 Torx
  - Two 5.2 mm Phillips

## Step 5



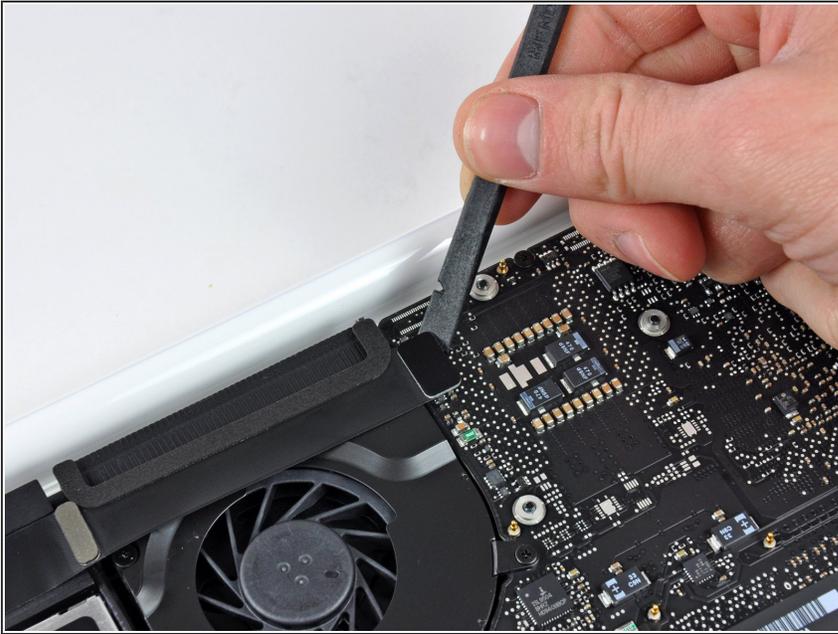
- Remove the following screws from the port side of rear vent:
  - Two 10 mm T8 Torx
  - Two 5.2 mm Phillips

## Step 6



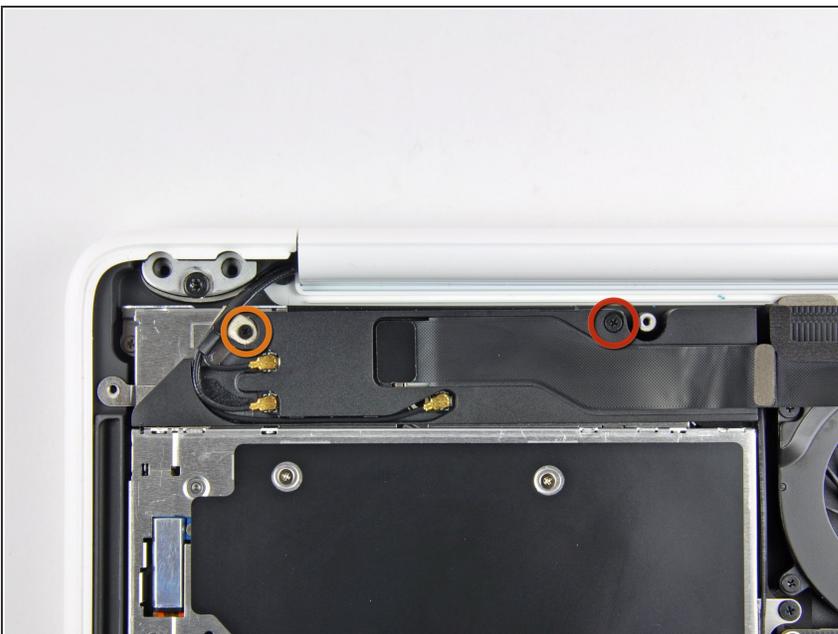
- Carefully lift the rear vent out of the upper case.

## Step 7 — Rear Speaker Assembly



- Use the flat end of a spudger to pry the AirPort/Bluetooth cable connector up off the logic board.

## Step 8



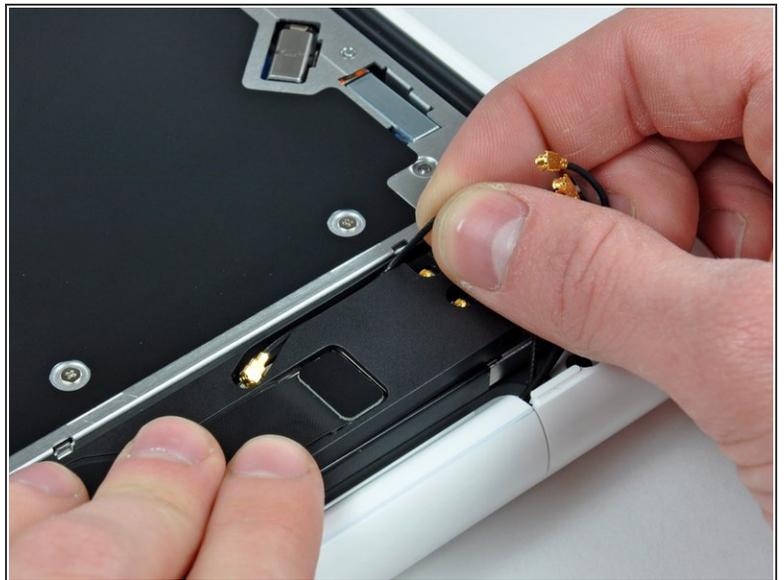
- Remove the following screws securing the right speaker assembly to the upper case:
  - One 12 mm Phillips screw.
  - One 3 mm Phillips screw.

## Step 9



- Remove the single 2.2 mm Phillips screw inserted horizontally into the side of the optical drive.

## Step 10



- Pry the AirPort and Bluetooth antenna connectors (3 total) up off the AirPort/Bluetooth card.
- De-route the long antenna from its channel in the rear speaker housing.

## Step 11



- Use the flat end of a spudger to pry the rear speaker cable connector up off the logic board.

## Step 12



- Remove the rear speaker assembly from the upper case.

## Step 13



- Carefully peel the AirPort/Bluetooth cable from its channel within the rear speaker assembly.
- Use the flat end of a spudger to pry the AirPort/Bluetooth cable up off the rear speaker.

## Step 14



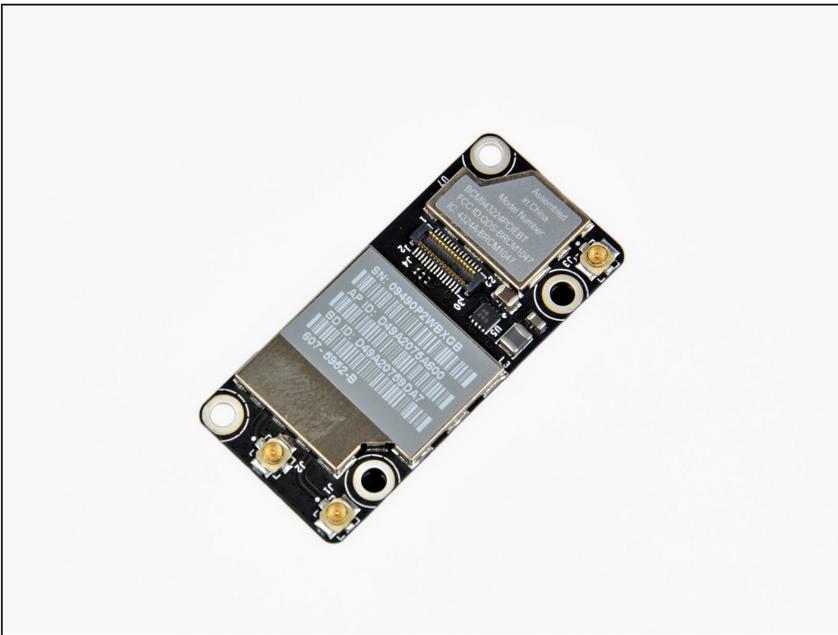
- Remove three 3 mm Phillips screws securing the AirPort/Bluetooth board to the rear speaker assembly.

## Step 15



- Lift the AirPort/Bluetooth board up off the rear speaker assembly.

## Step 16 — AirPort/Bluetooth Board



- AirPort/Bluetooth board remains.

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