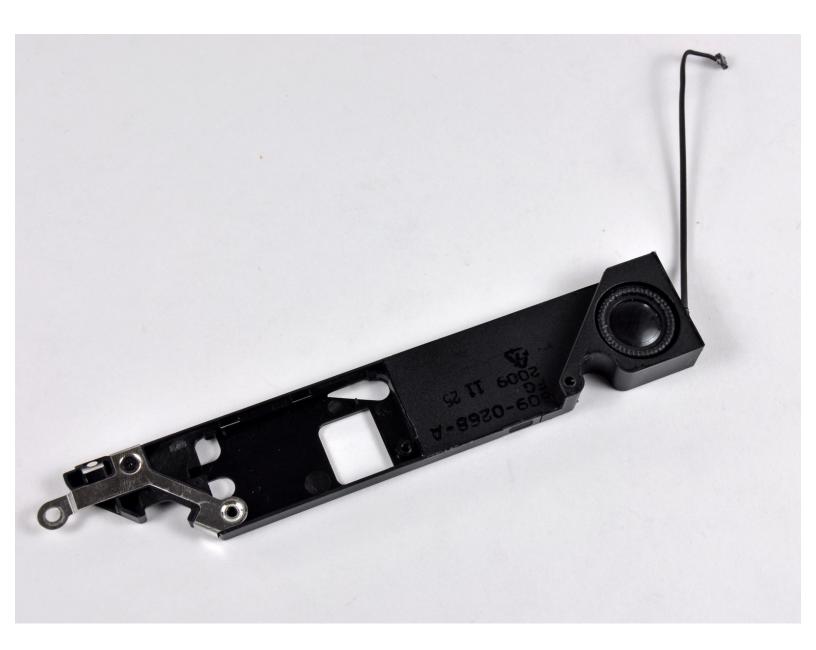


# MacBook Unibody Model A1342 Rear Speaker Replacement

Written By: Walter Galan



#### **INTRODUCTION**

Rock out too hard? Use this guide to replace a blown-out rear speaker.



## **TOOLS:**

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



#### **PARTS:**

- MacBook Unibody (Model No. A1342 Late 2009) Rear Speaker (1)
- MacBook Unibody (Model No. A1342 Mid 2010) Rear Speaker (1)

#### Step 1 — Lower Case



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

#### Step 2







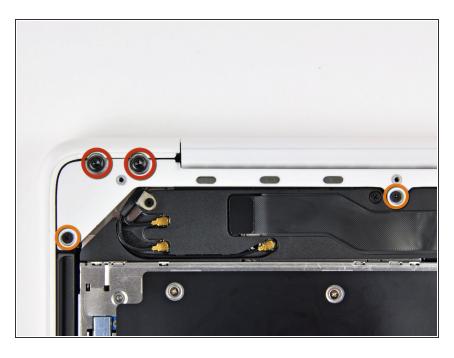
- The lower case is constructed of rubber-coated aluminum. Do not excessively bend the aluminum during removal, as any permanent deformation will cause tolerance issues after reassembly.
- Slightly lift the lower case near the vent opening.
- Continue running your fingers between the lower and upper 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

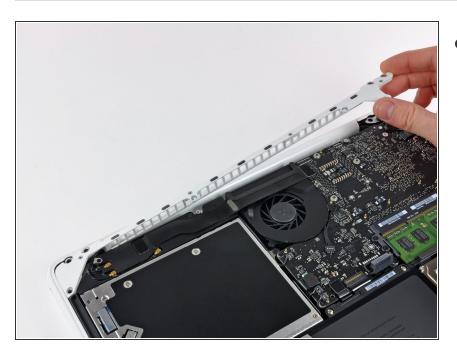


- Remove the following screws from the optical drive side of the rear vent:
  - Two 10 mm T8 Torx
  - Two 5.2 mm Phillips



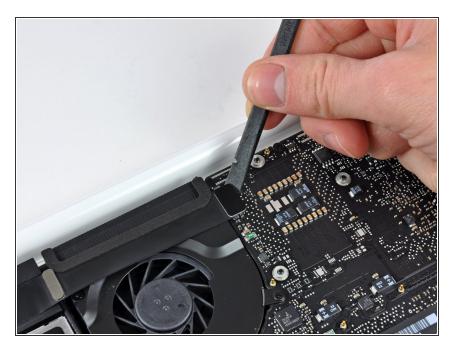
- Remove the following screws from the port side of rear vent:
  - Two 10 mm T8 Torx
  - Two 5.2 mm Phillips

# Step 6



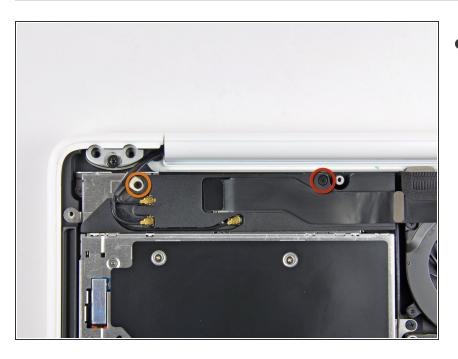
 Carefully lift the rear vent out of the upper case.

#### **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

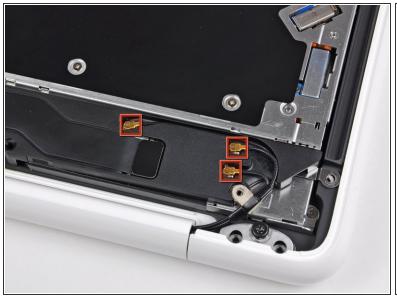


- Remove the following screws securing the right speaker assembly to the upper case:
  - One 12 mm Phillips screw.
  - One 3 mm Phillips screw.



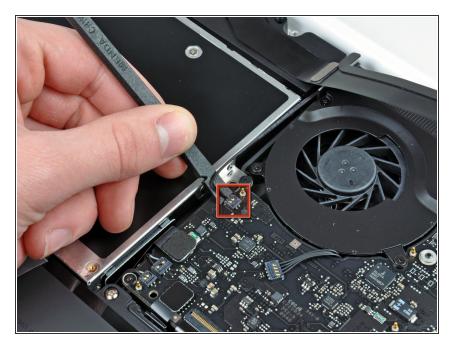
 Remove the single 2.2 mm Phillips screw inserted horizontally into the side of the optical drive.

## Step 10



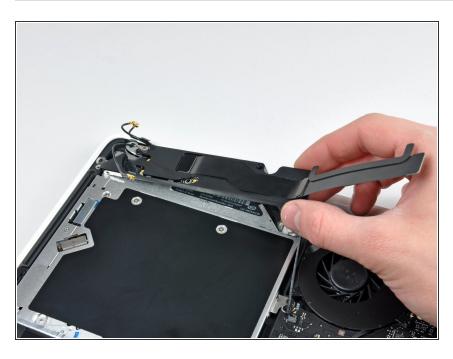


- Pry the AirPort and Bluetooth antenna connectors (3 total) up off the AirPort/Bluetooth card.
- De-route the long antenna from its channel in the rear speaker housing.



 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.





- 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.



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

#### Step 16 — Rear Speaker



Rear speaker remains.

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