



# MacBook Pro 13" Retina Display Late 2013 Left Speaker Replacement

Replace the Left Speaker in your MacBook Pro 13" Retina Display Late 2013.

Written By: Sam Goldheart



## INTRODUCTION

Use this guide to replace the left speaker.

When operating normally, during most of the guide it will be on the right, as your laptop will be upside down.



### TOOLS:

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



### PARTS:

- [MacBook Pro 13" Retina \(Late 2013\) Left Speaker](#) (1)

## Step 1 — Lower Case



- Remove the following ten screws securing the lower case to the upper case:
  - Two 2.3 mm Pentalobe screws
  - Eight 3.0 mm Pentalobe screws
- ☑ Throughout this repair, [keep track of each screw](#) and make sure it goes back exactly where it came from to avoid damaging your device.

## Step 2



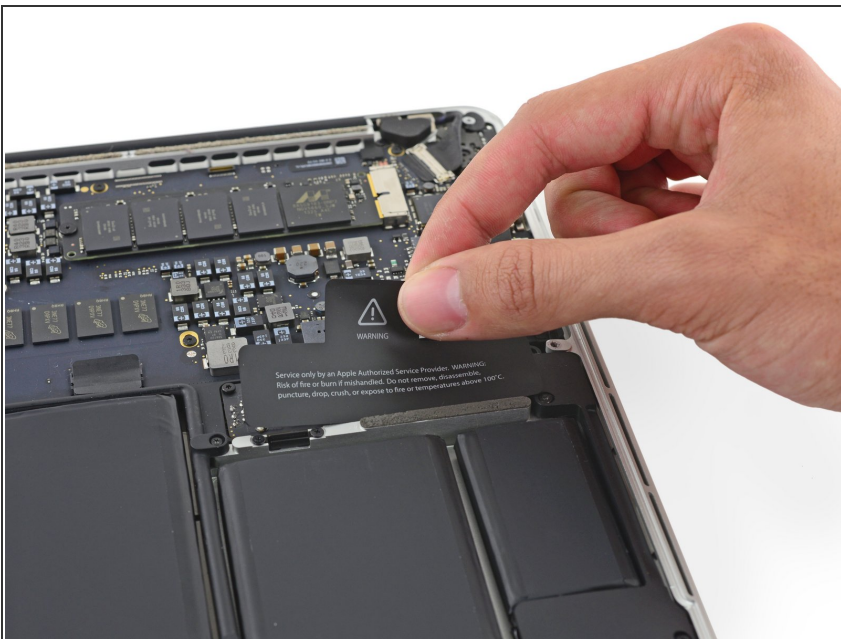
- Wedge your fingers between the upper case and the lower case.
- Gently pull the lower case away from the upper case to remove it.

## Step 3



-  The lower case is connected to the upper case with two plastic clips near its center.
-  During reassembly, gently push down the center of the lower case to reattach the two plastic clips.

## Step 4 — Battery Connector



-  If necessary, remove the plastic cover adhered to the battery contact board.

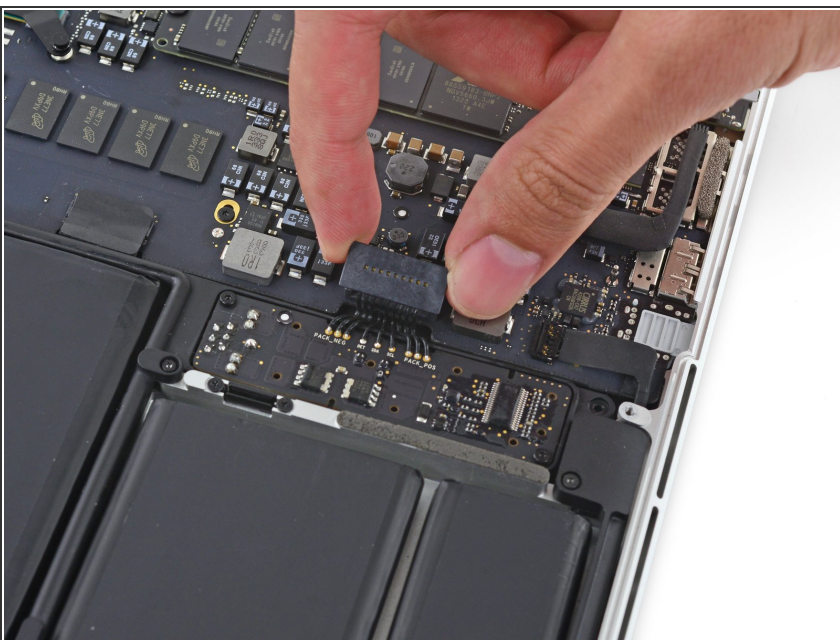
## Step 5



- Use the flat end of a spudger to lift the battery connector straight up out of its socket on the logic board.

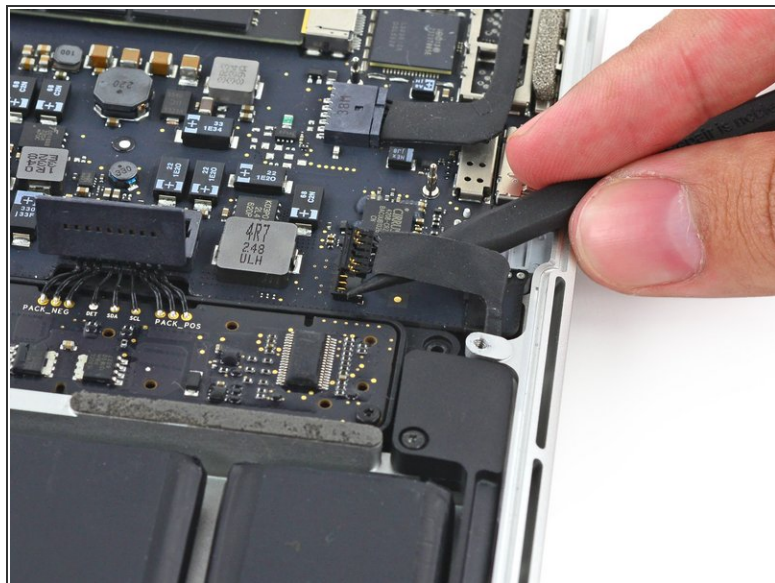
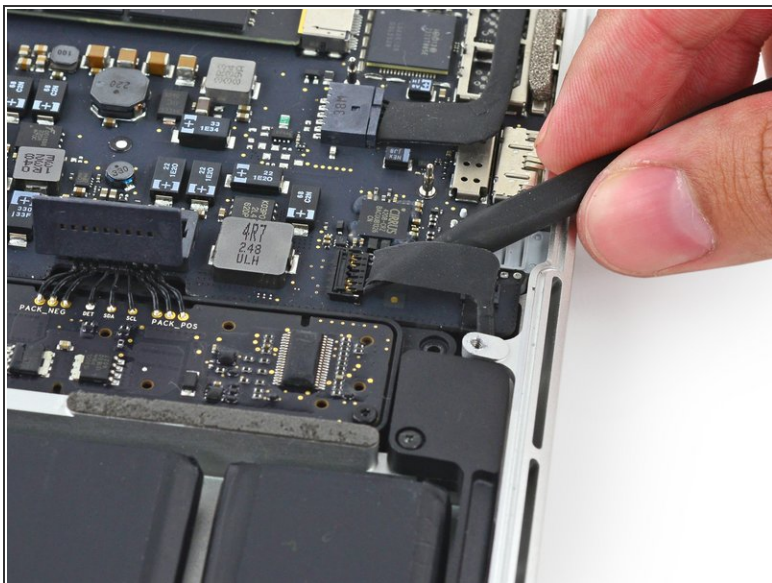
⚠ Be sure you lift up only on the connector itself, **not** the socket, or you risk permanent damage to the logic board.

## Step 6



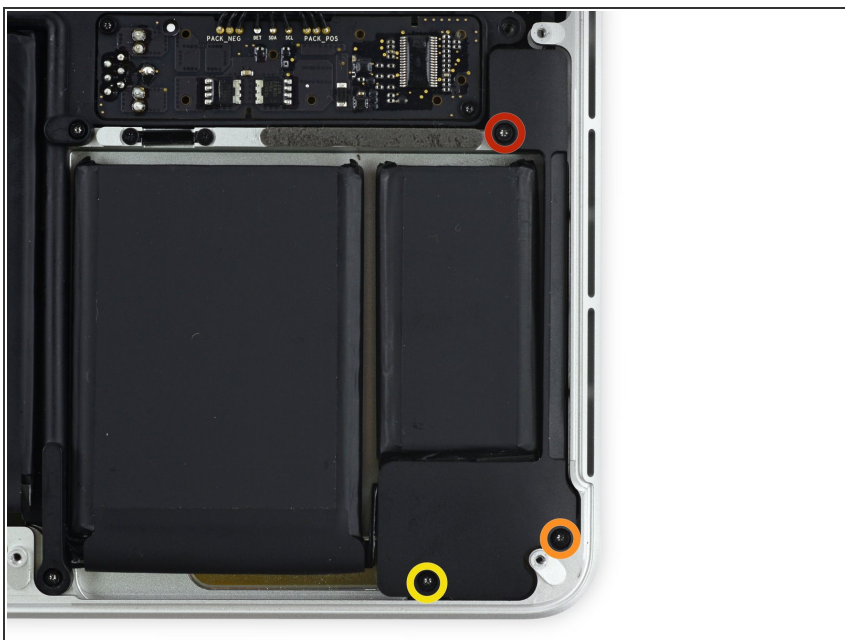
- ☑ Bend the battery connector up out of the way to prevent accidental contact with its socket during your repair.

## Step 7 — Left Speaker



- Insert the tip of a spudger under the left speaker cable near the connector and lift it up out of its socket on the logic board.

## Step 8



- Remove the following screws securing the left speaker to the upper case:
  - One 5.7 mm T5 Torx screw
  - One 6.5 mm T5 Torx screw
  - One 3.8 mm T5 Torx screw

## Step 9



- Lift the corner of the left speaker up and slide it out the battery to remove it from the upper case.

⚠ Be careful **not** to snag the speaker cable on the screw hole post in the side of the case.

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