MacBook Pro 13" Retina Display Late 2012 AirPort Board Replacement

Replace the AirPort Board in your MacBook Pro 13" Retina Display Late 2012.

Written By: Walter Galan

INTRODUCTION

Use this guide to replace the AirPort board.

🔧 TOOLS:

- MacBook Pro and Air 5-Point Pentalobe Screwdriver (1)
- iFixit Opening Tools (1)
- Spudger (1)
- T5 Torx Screwdriver (1)
- T6 Torx Screwdriver (1)
- Tweezers (1)

⚙ PARTS:

- MacBook Pro 13" and 15" (Late 2012/Early 2013) Retina Airport/Bluetooth Board (1)

This document was generated on 2019-09-19 02:32:59 PM (MST).
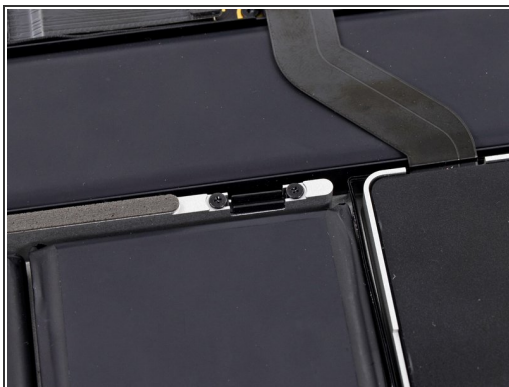
Step 1 — Lower Case

- Remove the following ten screws securing the lower case to the upper case:
  - Two 2.3 mm P5 Pentalobe screws
  - Eight 3.0 mm P5 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.
- Remove the lower case and set it aside.

This document was generated on 2019-09-19 02:32:59 PM (MST).

Step 3

ⓘ The lower case is connected to the upper case at the center, with two plastic clips.

★ During reassembly, gently push down the center of the lower case to reattach the two plastic clips.
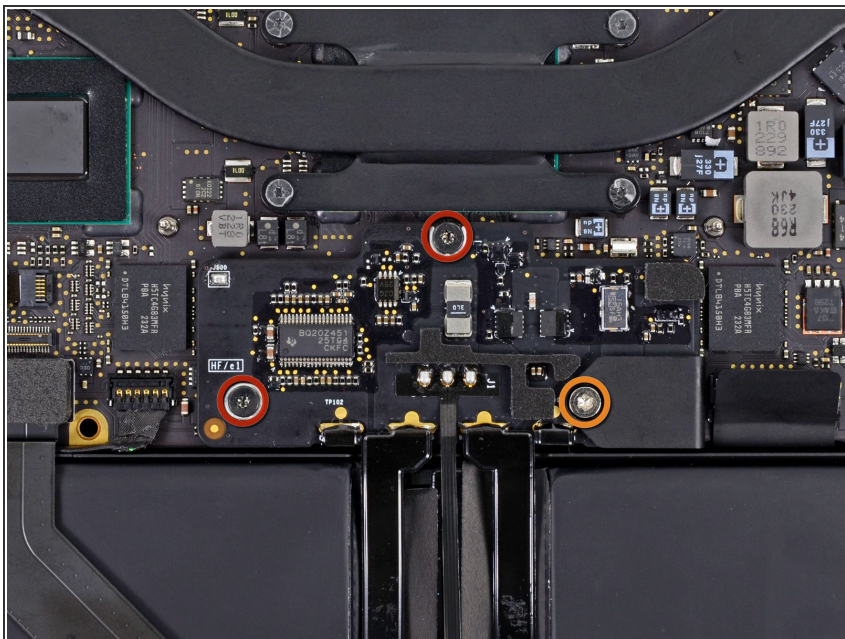
Step 4 — Battery Connector

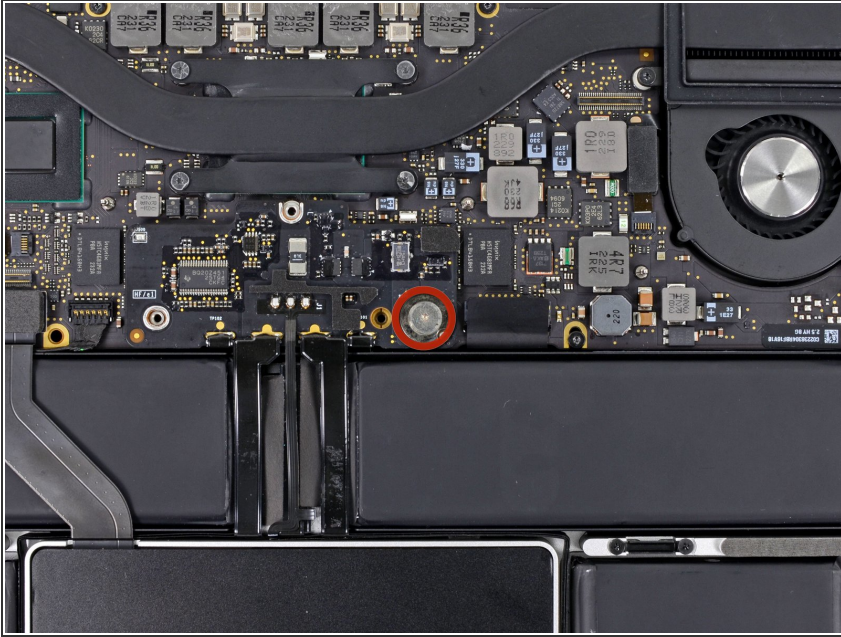- Remove the plastic cover adhered to the battery contact board.

Step 5

- Remove the following screws securing the battery connector board to the logic board:
  - Two 2.8 mm T6 Torx screws
  - One 7.0 mm T6 Torx shouldered screw

Step 6

- Use tweezers to remove the small plastic cover located near the bottom right of the battery connector board.

Step 7

- Remove the wide head 6.4 mm T6 Torx screw securing the battery connector to the logic board assembly.
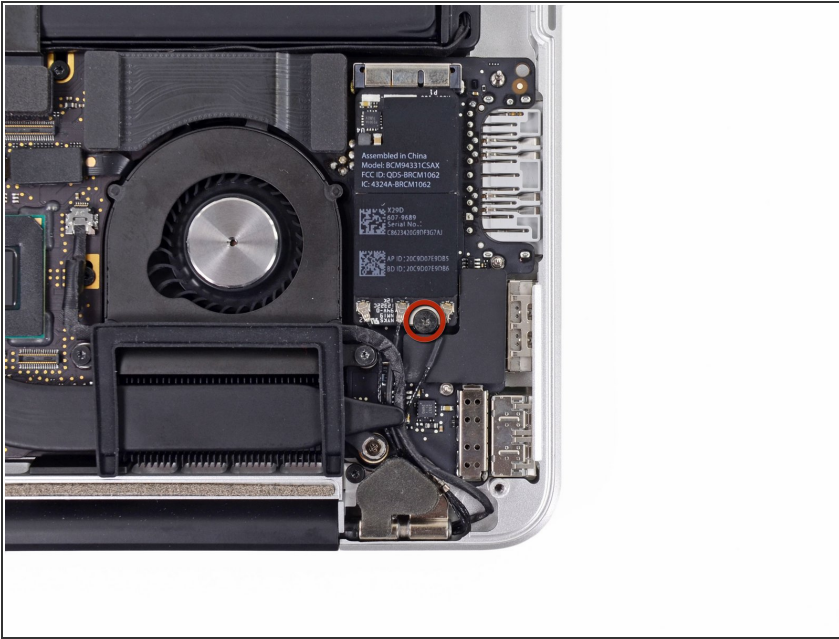
Step 8

- Carefully lift the battery connector board up off the logic board.

- It is recommended to bend the battery cables just slightly, to keep the board suspended up above the logic board and out of the way.

⚠️ Do not fold the board completely over, or crease the cables, as this may damage the battery.

This document was generated on 2019-09-19 02:32:59 PM (MST).

Step 9 — AirPort Board Assembly

- Remove the single 2.7 mm T5 Torx screw securing the AirPort board to the I/O board.

Step 10

- Use the flat end of a spudger to pry and disconnect the three antenna cable connectors from the AirPort board.

- 📌 The three cables are coded with black sleeves of different lengths. During reassembly:

  - Connect the long-sleeved cable to the center socket.

  - The short-sleeved cable connects next to the screw.

  - The remaining cable has no sleeve, and connects in the last empty socket, next to the fan.
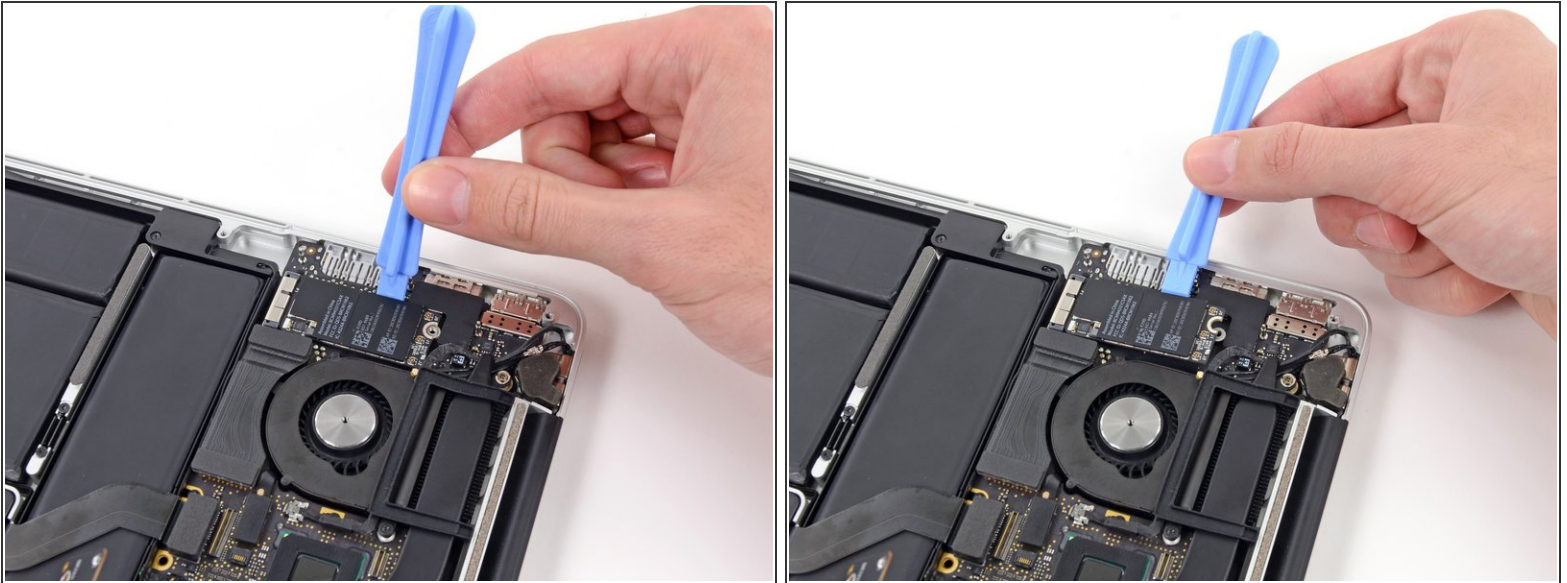
This document was generated on 2019-09-19 02:32:59 PM (MST).

Step 11

- Move the antenna cables aside, clear of the AirPort board.

This document was generated on 2019-09-19 02:32:59 PM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 8 of 10

Step 12

- Wedge a plastic opening tool between the AirPort board (side nearest the I/O ports) and the I/O board.

- Gently pry the AirPort board upwards, but do **not** remove it.

⚠️ Only lift the AirPort board as much as is necessary to get a grip on it. Lifting it too high above the I/O board may damage the board or the socket.

Step 13

- Pull the AirPort board straight out of its socket on the I/O board.

Step 14 — AirPort Board

- AirPort board remains.

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

This document was generated on 2019-09-19 02:32:59 PM (MST).