MacBook Pro 13" Retina Display Late 2012 Battery Contact Board Replacement

Use this guide to replace the battery contact...

Written By: Walter Galan

INTRODUCTION

Use this guide to replace the battery contact board.

TOOLS:

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

PARTS:

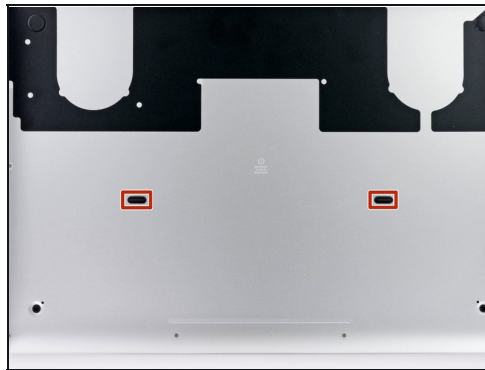MacBook Pro 13" Retina Battery Contact Board (1)

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.
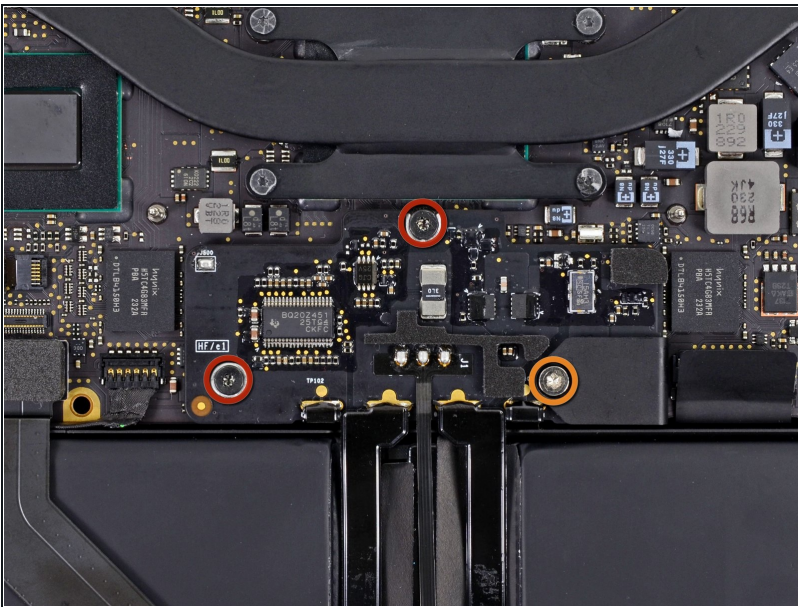
- Remove the lower case and set it aside.

Step 3

📌 During reassembly, gently push down the center of the lower case to reattach the two plastic clips.

- The lower case is connected to the upper case at the center, with two plastic clips.
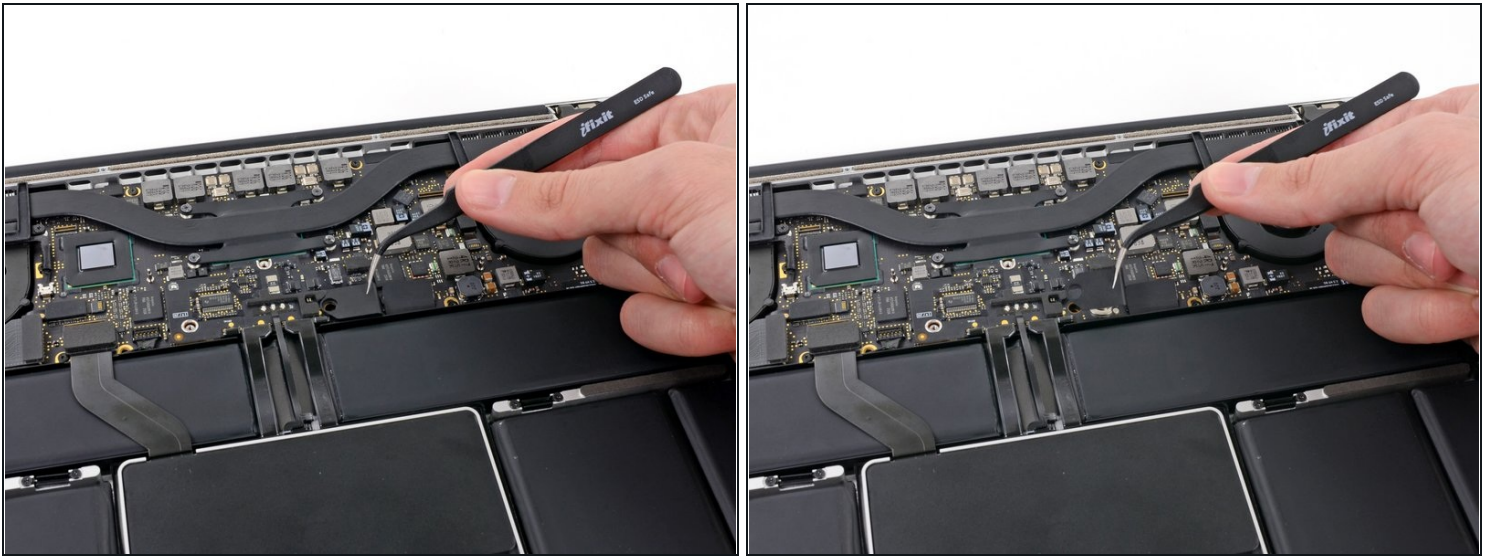
Step 4 — Battery Connector

- Remove the plastic cover adhered to the battery contact board.
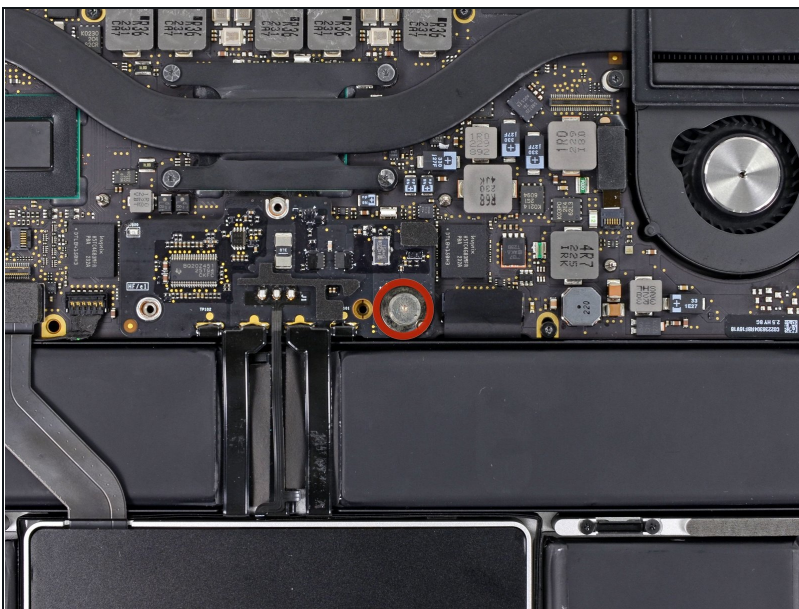
Step 5

- 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.
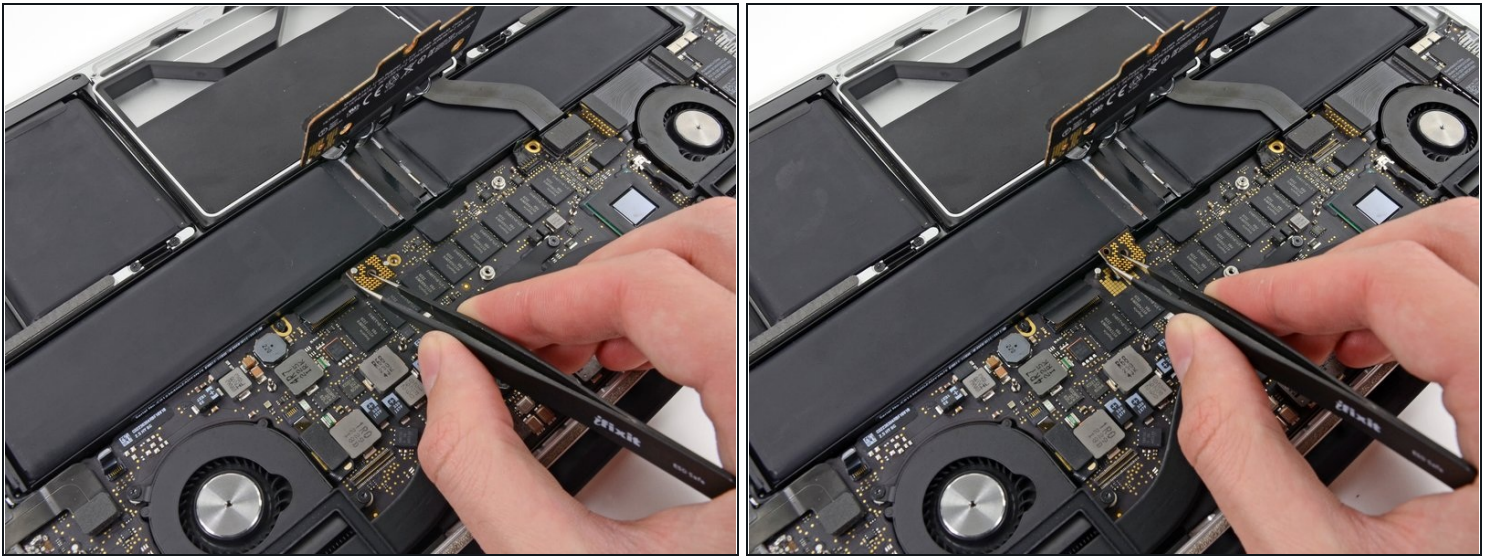
Step 8

- 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.

Step 9 — Battery Contact Board

- Grasp the Interposer with [tweezers](#).
  - ⓘ An interposer is the name for an interface that links one electrical connection to another. In this repair, it is the board connecting the battery to logic board.

- Lift the Interposer off the logic board and remove it.
  - ⚠ Removing this board will ensure that the battery remains disconnected throughout your repair, preventing your computer from accidentally powering on. It's also a good idea to take it out so it doesn't fall out unexpectedly.

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