



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

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

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## INTRODUCTION

Use this guide to replace the battery contact board.

### TOOLS:

- MacBook Pro and Air 5-Point Pentalobe Screwdriver (1)
- iFixit Opening Tools (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

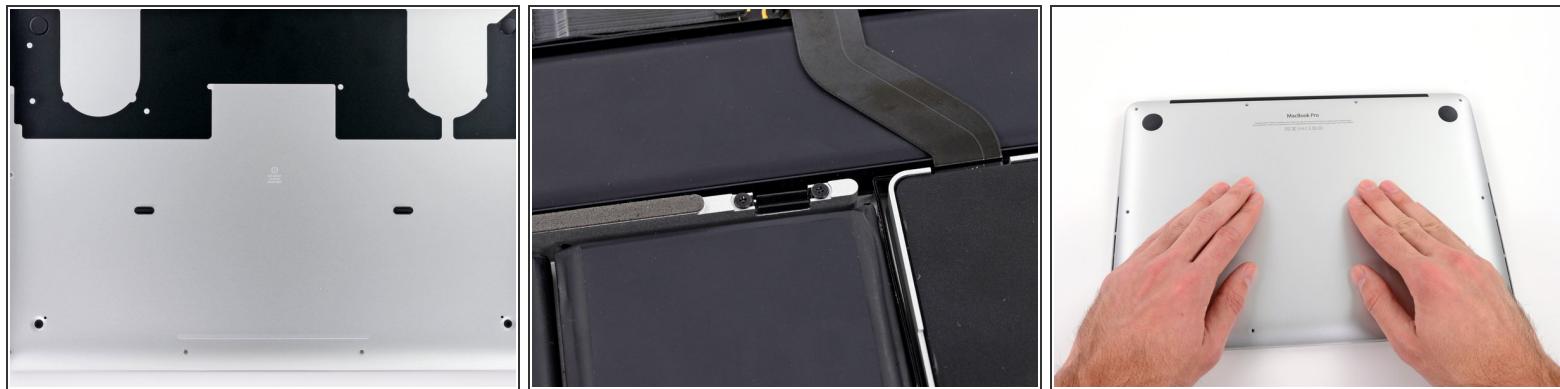
 Throughout this repair, [keep track of each screw](#) and make sure it goes back exactly where it came from to avoid damaging your device.

## 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



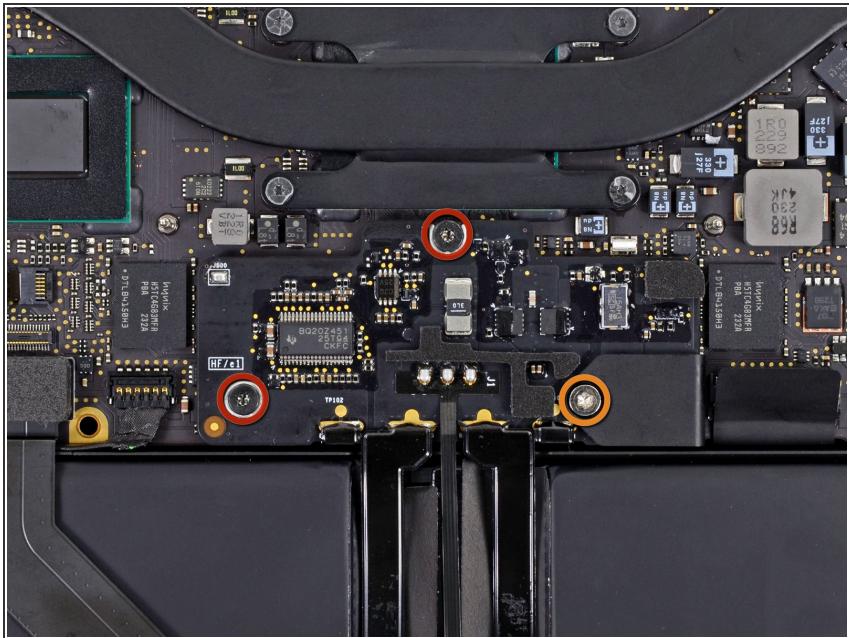
- ⓘ The lower case is connected to the upper case at the center, with two plastic clips.
- ⚡ During reassembly, gently push down the center of the lower case to reattach the two plastic clips.

## Step 4 — Battery Connector



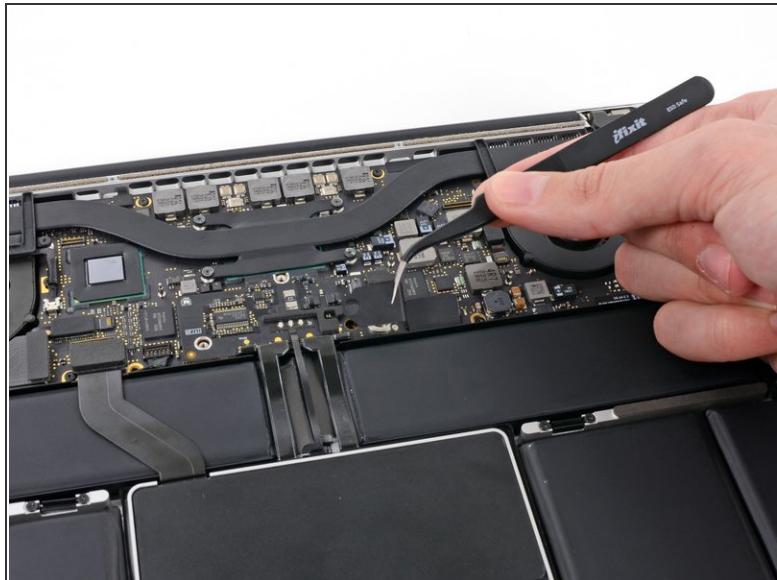
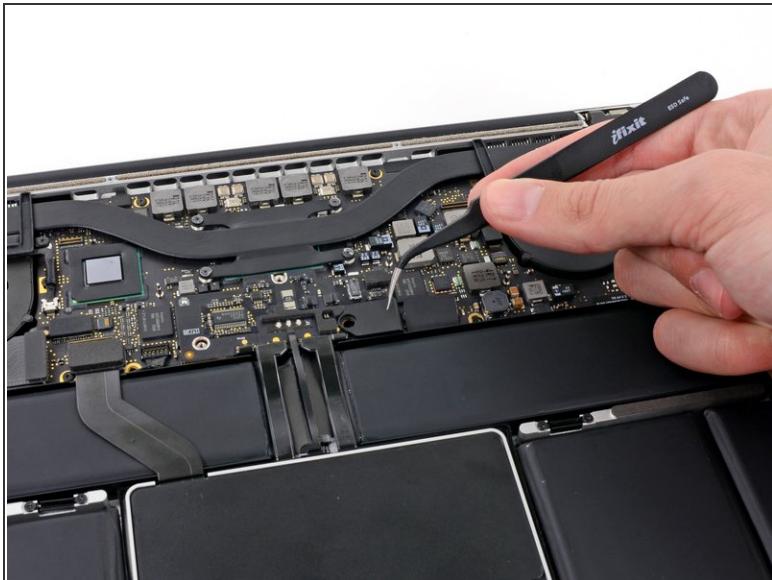
- Remove the plastic cover adhered to the battery contact board.

## Step 5



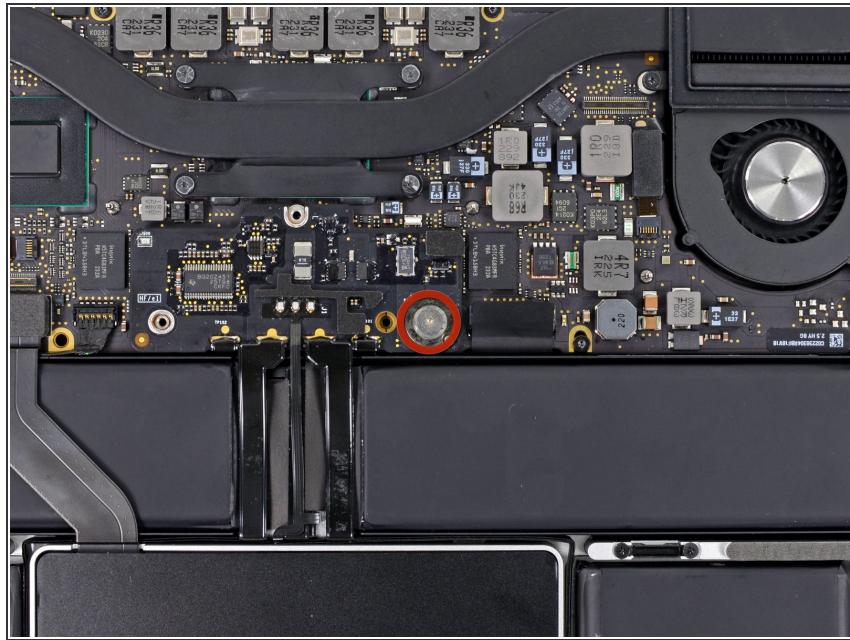
- Remove the following screws securing the battery connector board to the logic board:
  - Two 2.8 mm T6 Torx screws
  - One 7.0 mm T6 Torx shouldered screw

## 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

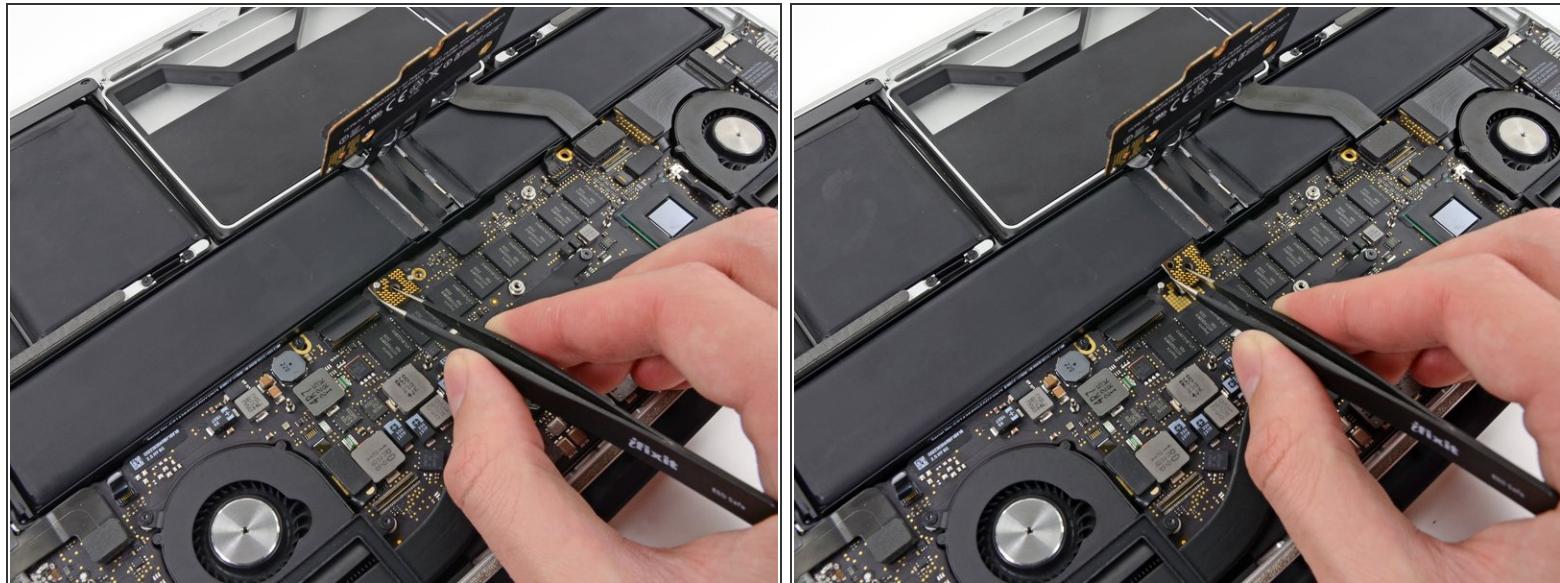


- Carefully lift the battery connector board up off the logic board.
- It is recommended to bend the battery cables just slightly, to keep the board suspended up above the logic board and out of the way.

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

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## Step 9 — Battery Contact Board



- Grasp the Interposer with tweezers.
- *i* 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.