



# MacBook Pro 13" Retina Display Late 2012 I/O Board Replacement

Prereq for upper case. ONE

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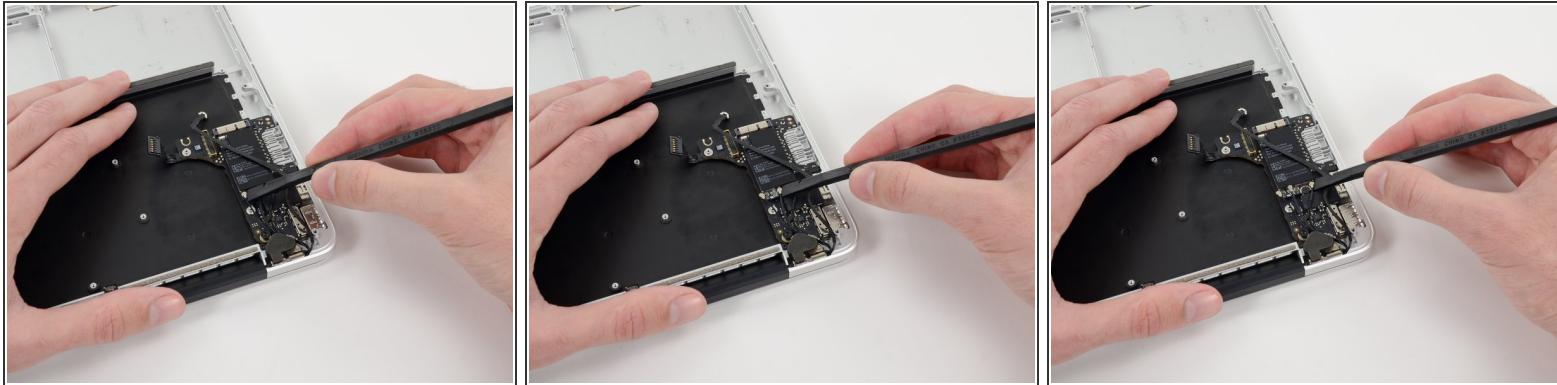
# INTRODUCTION

Prereq for upper case.

## TOOLS:

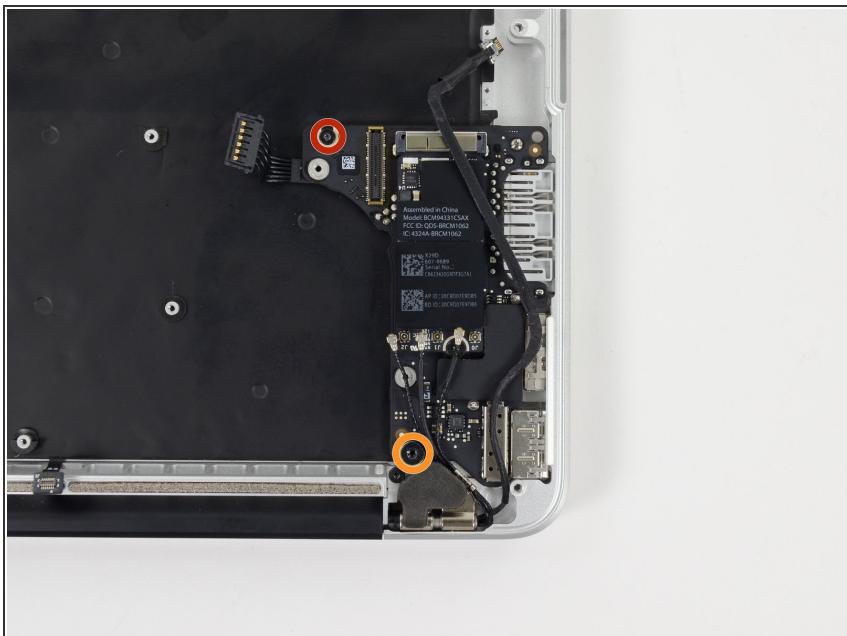
- [Spudger](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [T8 Torx Screwdriver](#) (1)

## Step 1 — I/O Board



- 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.

## Step 2



- Remove the following two screws securing the I/O board to the upper case:
  - One 3.53 mm T5 Torx screw
  - One 4.89 mm T8 Torx standoff screw

## Step 3



- Carefully pull and remove the I/O board away from its recess in the upper case.

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