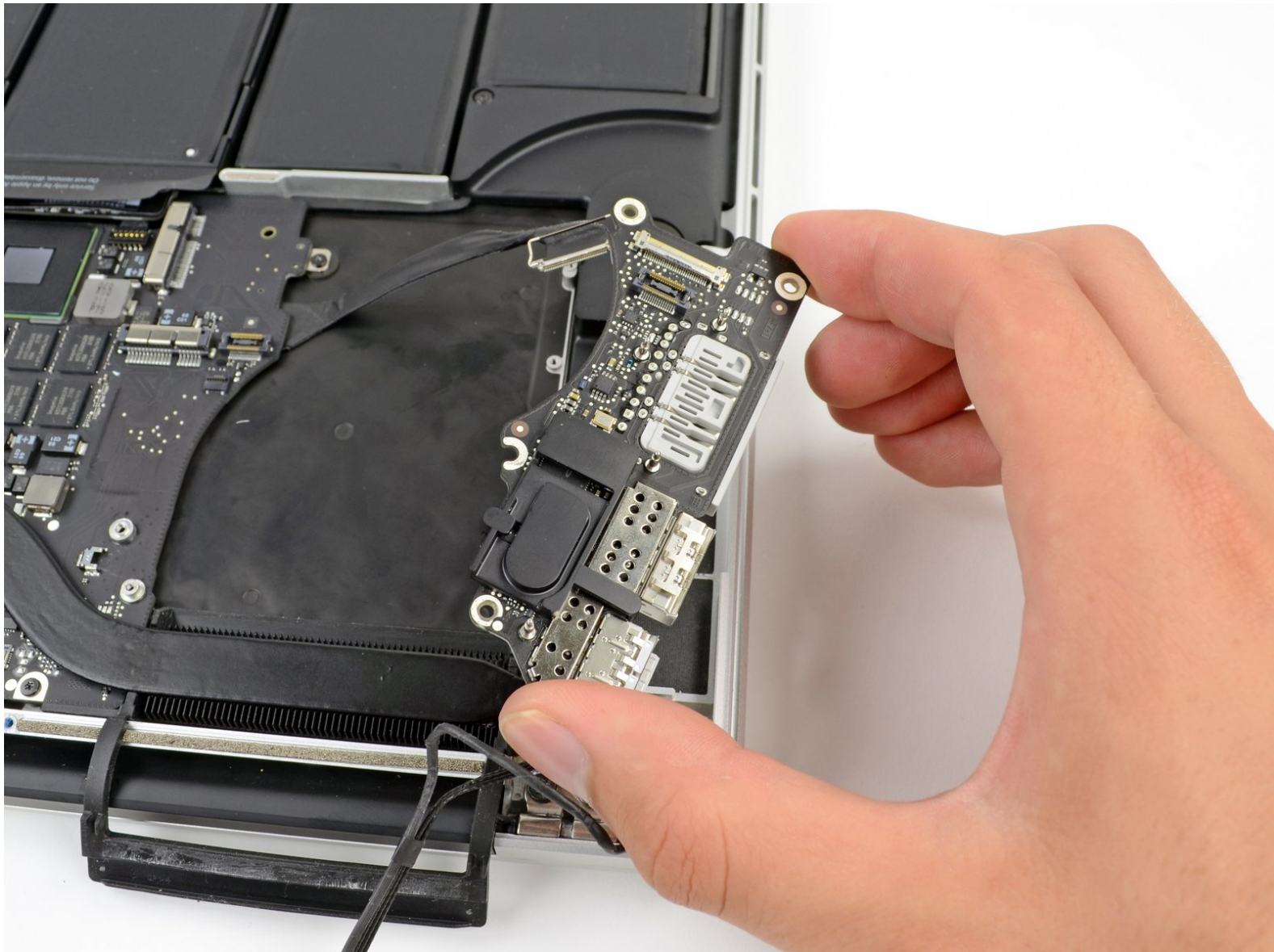




# MacBook Pro 15" Retina Display Mid 2012 I/O Board Replacement

Pre-requisite for logic board removal

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# INTRODUCTION

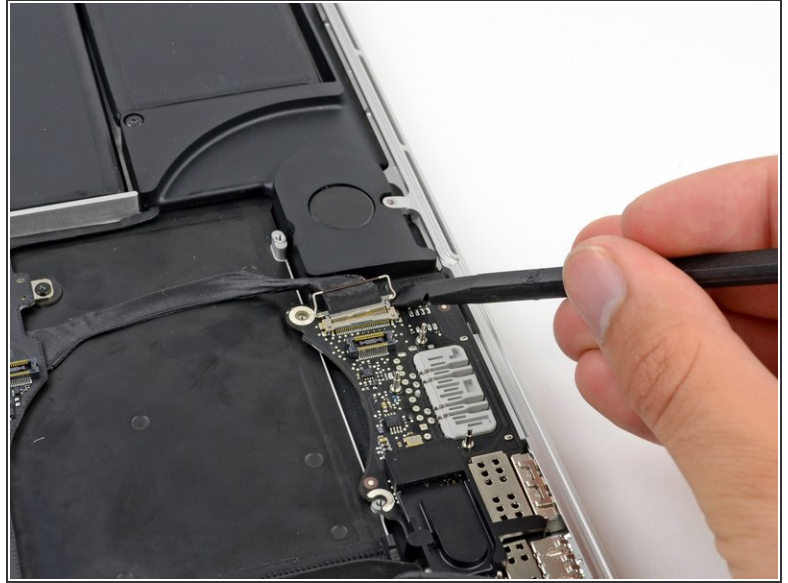
Pre-req only




## TOOLS:

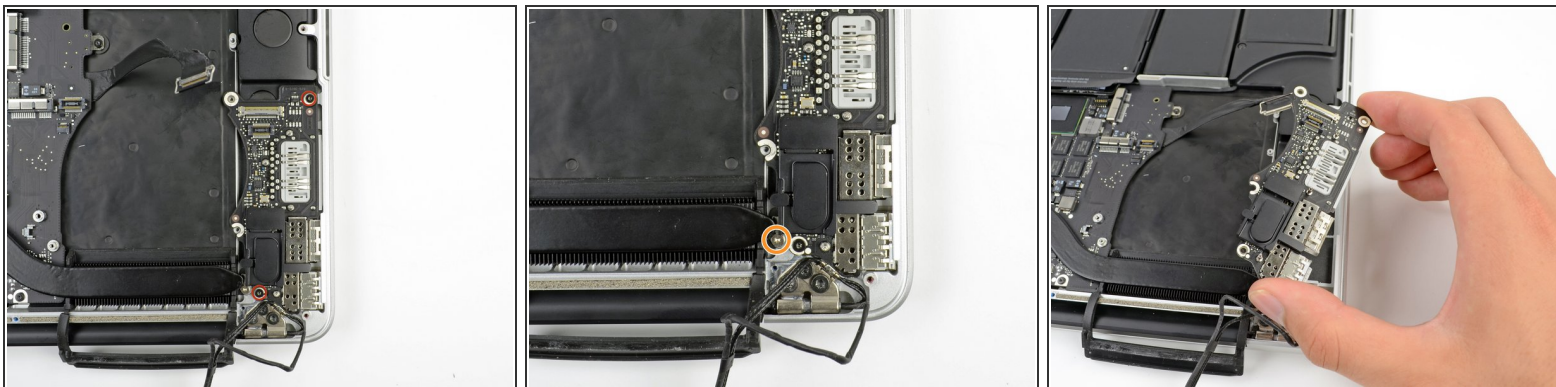
- [T5 Torx Screwdriver](#) (1)
  - [Spudger](#) (1)
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## Step 1 — I/O Board



- Use the tip of a spudger to flip up the I/O board data cable lock and rotate it toward the battery side of the computer.
  - Use the flat end of a spudger to slide the I/O board data cable straight out of its socket on the logic board.
-  Do not lift up on the I/O board data cable, as its socket is very fragile. Pull the cable parallel to the face of the logic board.

## Step 2



- Remove the two 3.1 mm T5 Torx screws securing the I/O board to the logic board.
- On some models, also removing the silver 3.5 mm T5 Torx screw from the heatsink can aid in I/O board removal.
- Carefully lift the I/O board and remove it from the lower case.

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