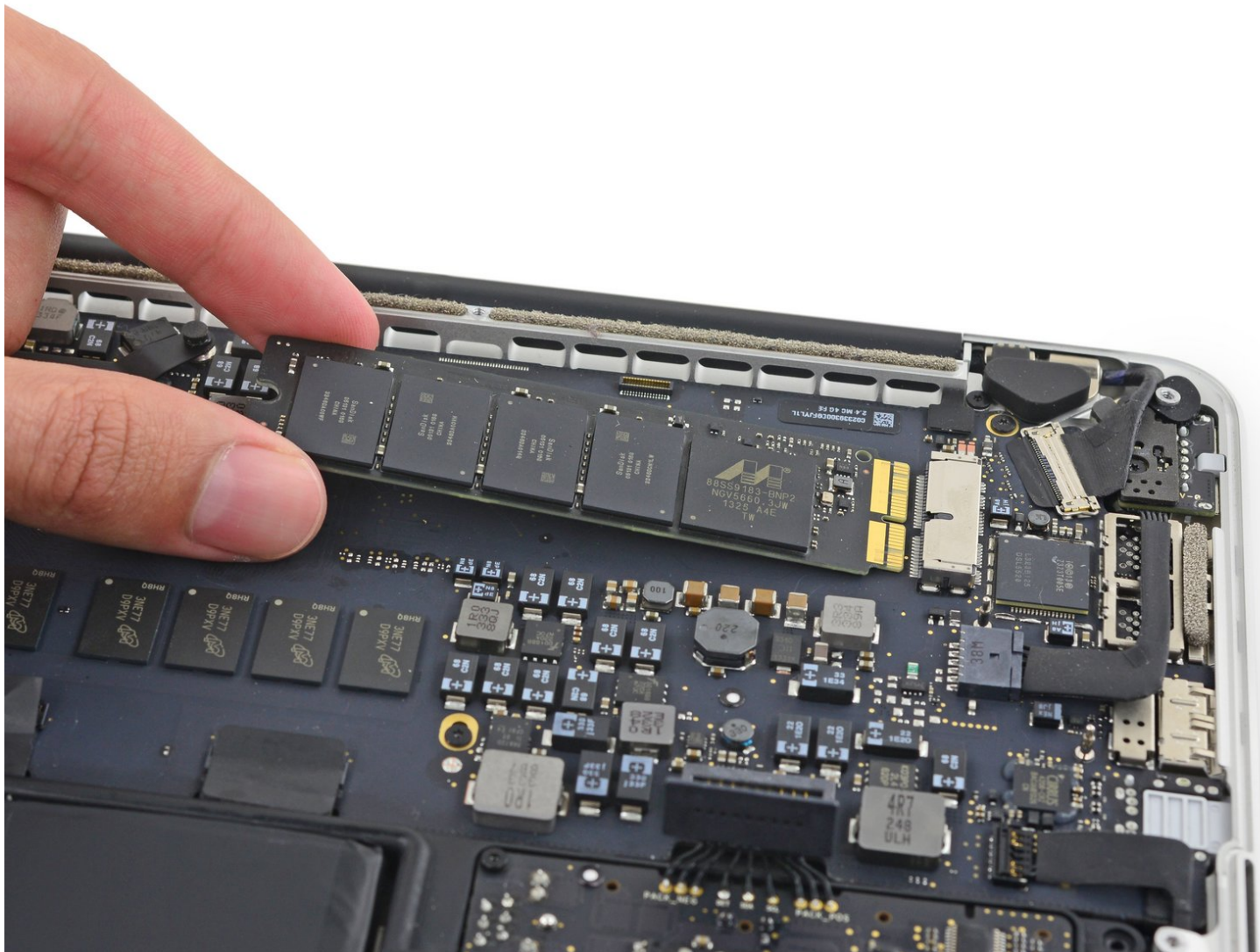




MacBook Pro 13" Retina Display Late 2013 SSD Replacement

Replace the SSD in your MacBook Pro 13" Retina Display Late 2013.

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INTRODUCTION

Use this guide to upgrade or replace the solid-state drive in a MacBook Pro 13" Late 2013. This MacBook Pro uses a [proprietary storage drive connector](#), and is therefore **not compatible** with common M.2 drives without the use of an adapter.

Before you perform this repair, if at all possible, [back up your existing SSD](#). Then, either familiarize yourself with [internet recovery](#) or [create a bootable external drive](#) so you'll be ready to install macOS onto your new drive and migrate your data to the new SSD.

Finally, we strongly recommend installing macOS 10.13 High Sierra (or a later macOS) before replacing the original SSD from your MacBook Pro. Most new SSDs require updated storage drivers not found in versions of macOS prior to High Sierra.



TOOLS:

- [P5 Pentalobe Screwdriver Retina MacBook Pro and Air](#) (1)
- [Spudger](#) (1)
- [T5 Torx Screwdriver](#) (1)



PARTS:

- [OWC Aura Pro X2 SSD](#) (1)

Step 1 — Lower Case



- Remove the following ten screws securing the lower case to the upper case:
 - Two 2.3 mm Pentalobe screws
 - Eight 3.0 mm 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



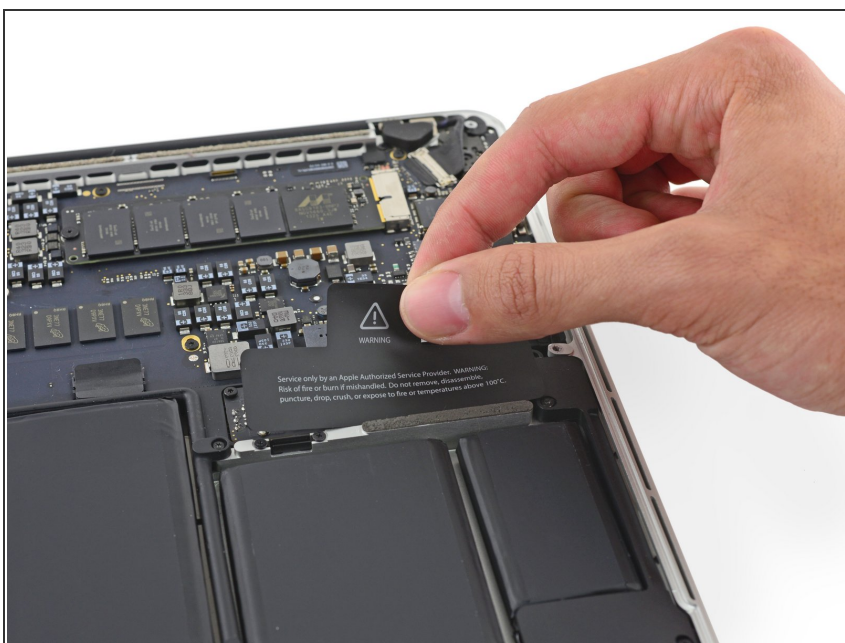
- Wedge your fingers between the upper case and the lower case.
- Gently pull the lower case away from the upper case to remove it.

Step 3



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

Step 4 — Battery Connector



-  If necessary, remove the plastic cover adhered to the battery contact board.

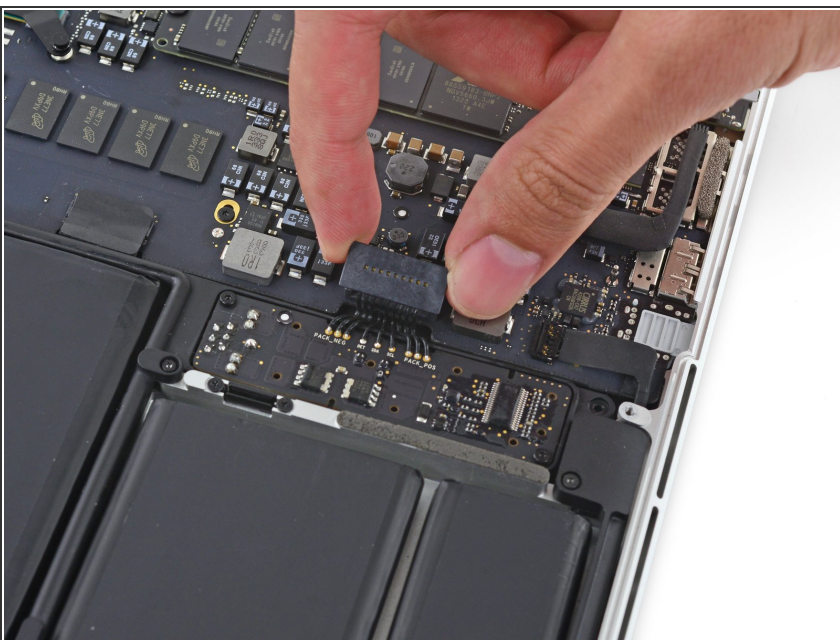
Step 5



- Use the flat end of a spudger to lift the battery connector straight up out of its socket on the logic board.

⚠ Be sure you lift up only on the connector itself, **not** the socket, or you risk permanent damage to the logic board.

Step 6



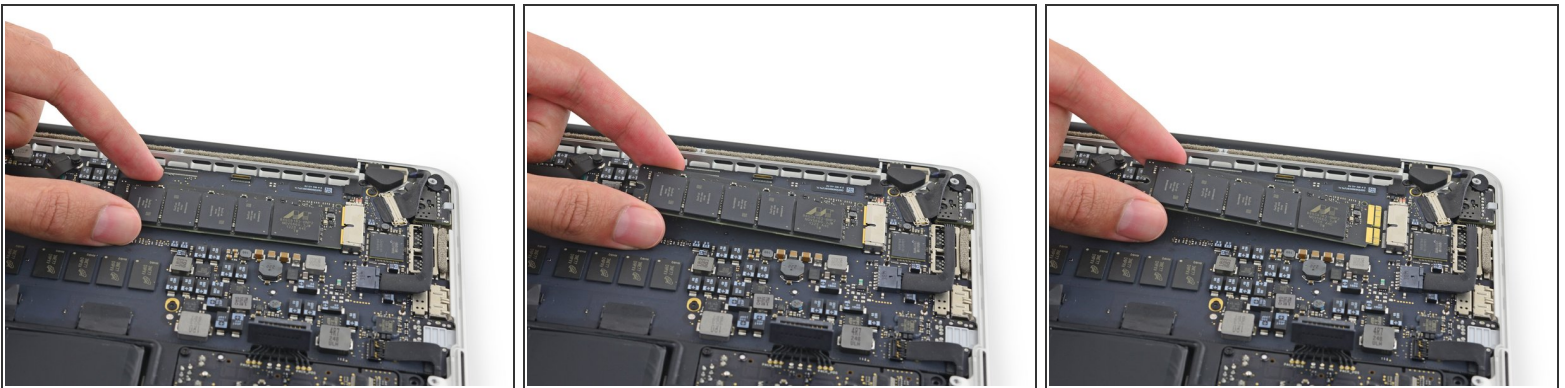
- ☑ Bend the battery connector up out of the way to prevent accidental contact with its socket during your repair.

Step 7 — SSD



- Remove the single 2.9 mm T5 Torx screw securing the SSD to the logic board.

Step 8



- Lift the free end of the SSD up slightly and pull the SSD straight out of its socket on the logic board.

⚠ Only lift the end of the SSD enough to allow you to pull it out—about 1/4".

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