MacBook Air 11" Mid 2012 Solid-State Drive Replacement

Replace the solid state hard drive on your Mid 2012 MacBook Air 11".

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INTRODUCTION

Use this guide to upgrade or replace the solid-state drive in a MacBook Air 11” Mid 2012. This MacBook Air 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 Air. 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 6G SSD for Macbook Air 11" and 13" (Mid 2012) (1)

Step 1 — Lower Case

Shut down and close your computer. Lay it on a soft surface top-side down.

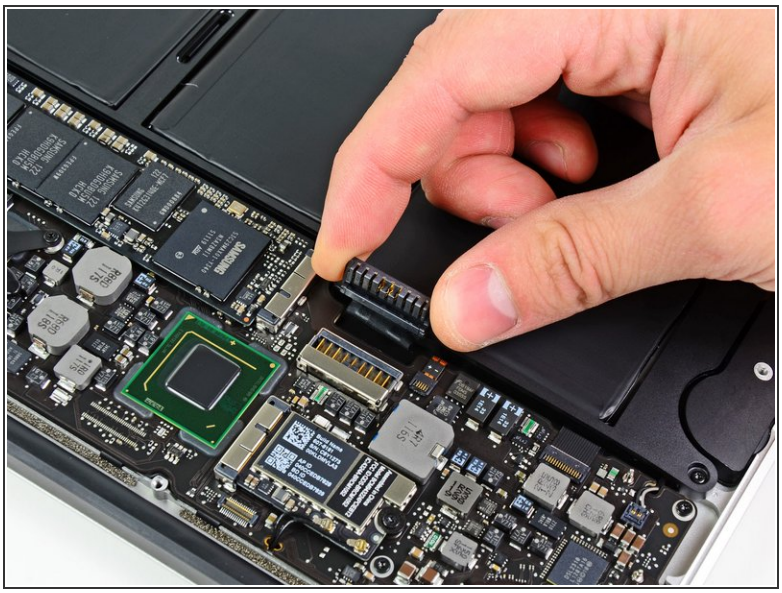
- Remove the following ten screws:
  - Two 8 mm 5-point Pentalobe screws
  - Eight 2.5 mm 5-point Pentalobe screws

The special screwdriver needed to remove the 5-point Pentalobe screws can be found here.

Step 2

- Wedge your fingers between the display and the lower case and pull upward to pop the lower case off the Air.

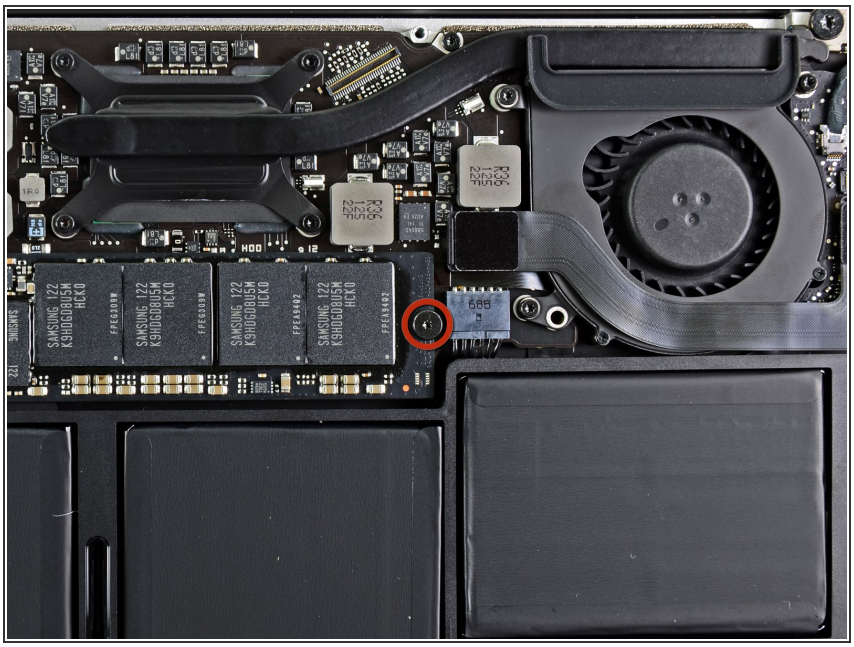
Step 3 — Battery



⚠ In this step you will disconnect the battery to help avoid shorting out any components during service.

- Use the flat end of a spudger to pry both short sides of the battery connector upward to disconnect it from its socket on the logic board.
- Bend the battery cable slightly away from the logic board so the connector will not accidentally contact its socket.

Step 4 — Solid-State Drive



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

Step 5

- Use a spudger to help lift the free end of the SSD just enough to grab it with your other hand.

⚠ Do not lift the end of the SSD excessively.

- Pull the drive straight out of its socket and remove it from the logic board.

When reinstalling the SSD, be sure it is properly seated before reinstalling its retaining screw.

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

