MacBook Air 13" Early 2017 SSD -NVMe Replacement

Upgrade the SSD the solid-state drive in your MacBook Air 13" Early 2017.

Written By: Dan

This document was generated on 2020-02-08 02:38:59 AM (MST).

🔧 TOOLS:

- P5 Pentalobe Screwdriver Retina MacBook Pro and Air (1)
- T5 Torx Screwdriver (1)

⚙ PARTS:

- Crucial P1 1TB 3D NAND NVMe PCIe M.2 SSD (1)
- M.2 NGFF to M-Key MacBook- Air (2013-2016) Pro (2013-2015) (1)

This document was generated on 2020-02-08 02:38:59 AM (MST).

www.iFixit.com

Step 1 — Check Compatibility

- MacBook Air Late 2010 - Working - High Sierra, M2 Samsung Evo 860, Adapter

- MacBook Air 2011 - Unknown

- MacBook Air 2012 - Unknown

- MacBook Air 2013 - Unknown

- MacBook Air 2014 - Unknown

- MacBook Air Early 2015 - WORKING- Mojave 10.14.3 to 10.14.6 - Crucial P1 SSD NVME, Adapter.

- MacBook Air 2017 - WORKING - High Sierra, Samsung Evo 960, Adapter.

- MacBook Air 2018 and forward - will not work, No removable drive

This document was generated on 2020-02-08 02:38:59 AM (MST).

Step 2 — Lower Case
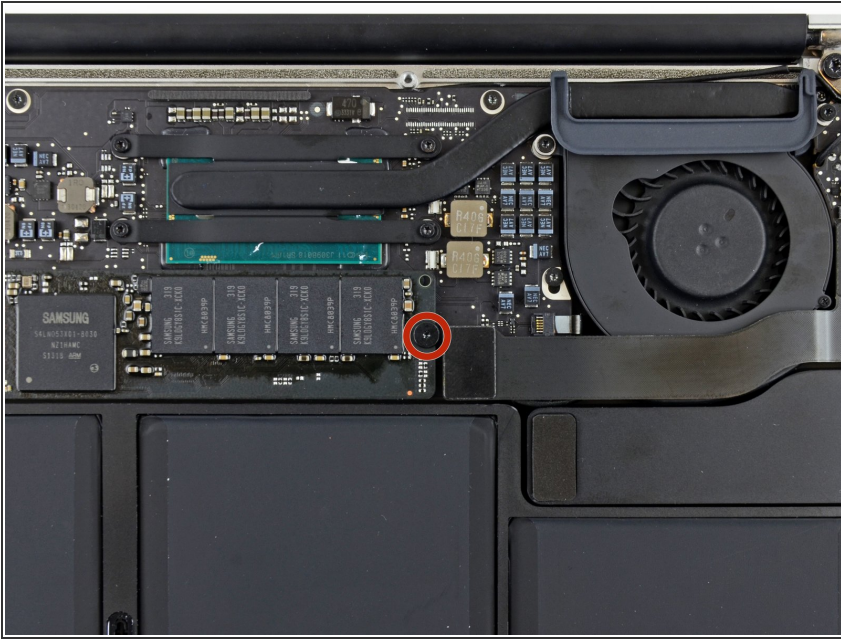

ⓘ Before proceeding, power down your MacBook. Close the display and lay it on a soft surface, top-side down.

● Use a [P5 Pentalobe](#) driver to remove ten screws securing the lower case, of the following lengths:

  ● Two 9 mm screws

  ● Eight 2.6 mm screws

Step 3

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

● Remove the lower case and set it aside.
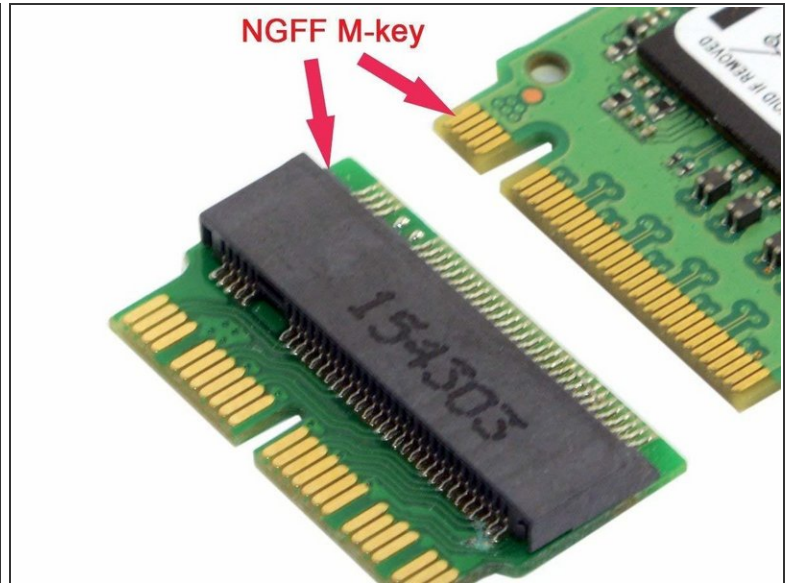
Step 4 — Solid-State Drive

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

This document was generated on 2020-02-08 02:38:59 AM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 5 of 7

Step 5

- Gently lift the end of the SSD about half an inch and pull it straight out of its socket on the logic board.

  ⚠ Don't lift the SSD more than half an inch—doing so may damage the SSD or its socket on the logic board.

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

Step 6 — SSD -NVMe

- Carefully insert the new SSD into the adapter, using the length of old drive as a reference for when the SSD is fully in the adapter. The lengths should be the same.

- Insert the SSD and the adapter into the Socket, pushing inward in a straight fashion.

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

⚠ NVMe Drives can cause kernel panics due to sleep /hibernation issues. This can be turned off with the following command.

- From a Terminal, use the following command to disable hibernation: ----"sudo pmset -a hibernatemode 0" ---- If you later want to enable hibernation, use: "sudo pmset -a hibernatemode 3"

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

www.iFixit.com