



MacBook Air 11" Late 2010 Battery Replacement

Replace the internal battery on your MacBook Air 11" Late 2010.

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INTRODUCTION

Use this guide to replace your MacBook Air's internal lithium polymer battery.

Note: If there is a [thin plastic film](#) on your replacement battery, do not attempt to remove it. It is glued on and protects the battery pack while it is inside the MacBook.



TOOLS:

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



PARTS:

- [MacBook Air 11" \(Late 2010\) Replacement Battery](#) (1)

Step 1 — Lower Case



- ✦ Before proceeding, close your computer and 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 eight 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.
- Remove the lower case and set it aside.

Step 3 — Battery



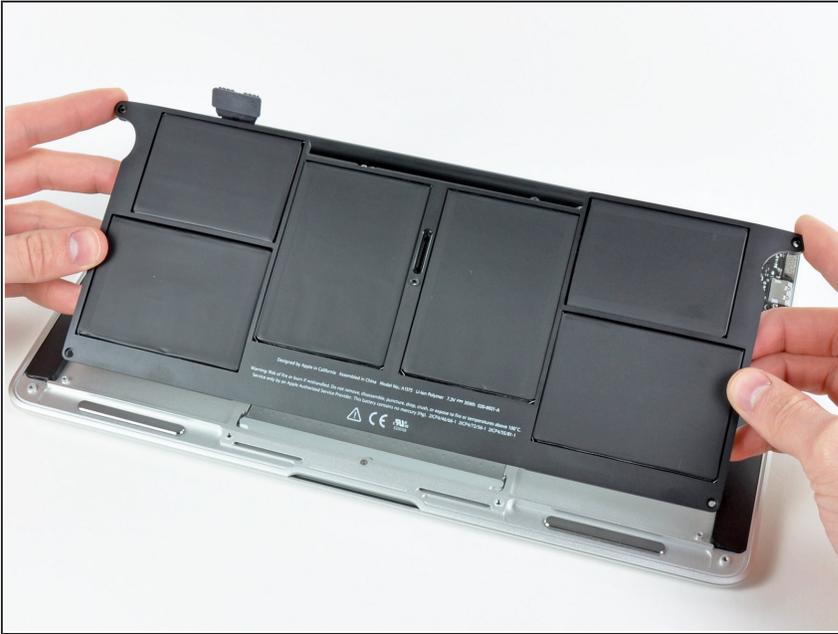
- Use the flat end of a spudger to pry both short sides of the battery connector upward to disconnect it from its socket on the logic board.
- Bend the battery cable slightly away from the logic board so the connector will not accidentally contact its socket.

Step 4



- Remove the following five screws securing the battery to the upper case:
 - Two 5.2 mm T5 Torx screws
 - One 6 mm T5 Torx screw
 - Two 2.6 mm T5 Torx screws

Step 5



- ⚠ When handling the battery, avoid squeezing or touching the six exposed lithium polymer cells.
- Lift the battery from its edge nearest the logic board and remove it from the upper case.
- ★ If you're installing a new battery, you should [calibrate](#) it after installation:
 - Charge it to 100%, and then keep charging it for at least 2 more hours. Next, unplug and use it normally to drain the battery. When you see the low battery warning, save your work, and keep your laptop on until it goes to sleep due to low battery. Wait at least 5 hours, then charge your laptop uninterrupted to 100%.
 - If you notice any unusual behavior or problems after installing your new battery, you may need to [reset your MacBook's SMC](#).

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