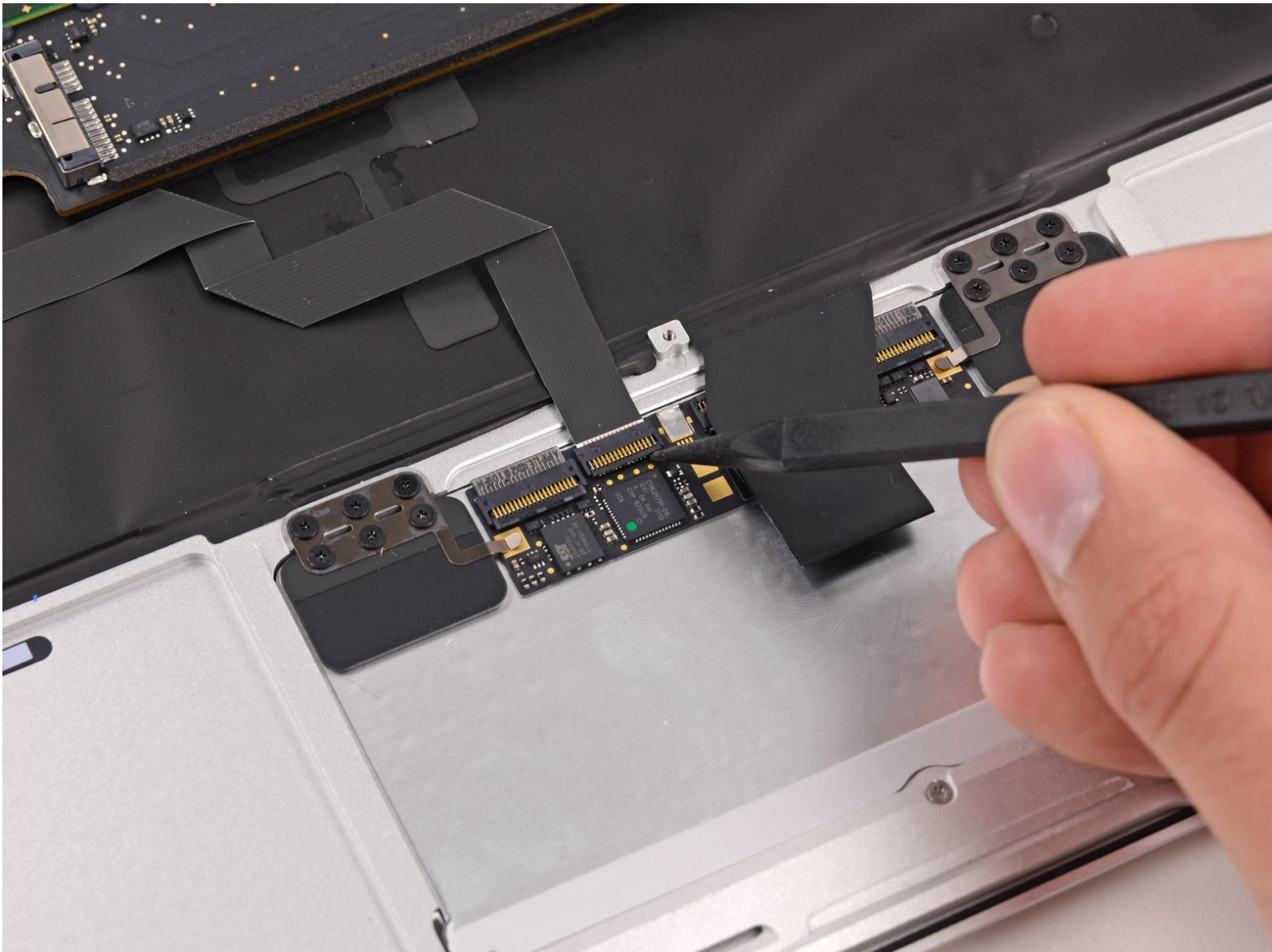




MacBook Air 11" Mid 2011 Trackpad Replacement

Installing the Trackpad in the mid 2011 MacBook Air 11".

Written By: Brett Hartt



INTRODUCTION

Navigating through your computer using the TAB key is not fun. Replace a broken trackpad using this guide.



TOOLS:

- [P5 Pentalobe Screwdriver Retina MacBook Pro and Air](#) (1)
- [Spudger](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)



PARTS:

- [MacBook Air 11" \(Mid 2011-Mid 2012\) Trackpad](#) (1)
- [MacBook Air Trackpad Brackets and Screws](#) (1)

Step 1 — Lower Case



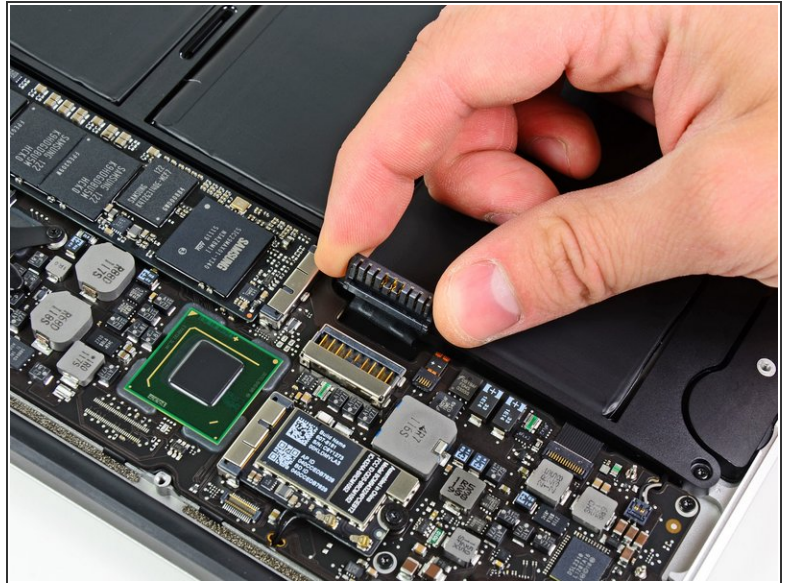
- i Shut down and close your computer. Lay it on a soft surface top-side down.
- Remove the following ten screws:
 - Two 8 mm 5-point Pentalobe screws
 - Eight 2.5 mm 5-point Pentalobe screws
- i The special screwdriver needed to remove the 5-point Pentalobe screws can be found [here](#).

Step 2



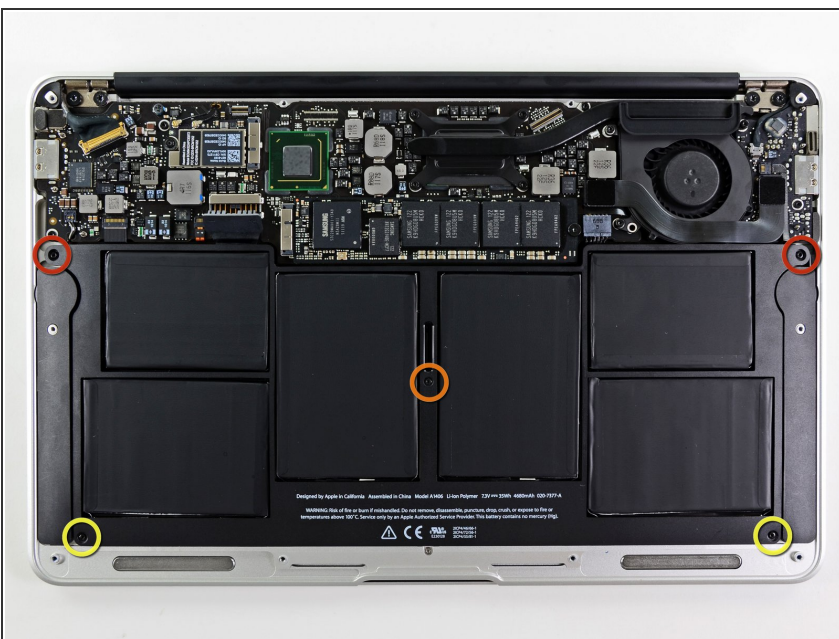
- Wedge your fingers between the display and the lower case and pull upward to pop the lower case off the Air.

Step 3 — Battery



- 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



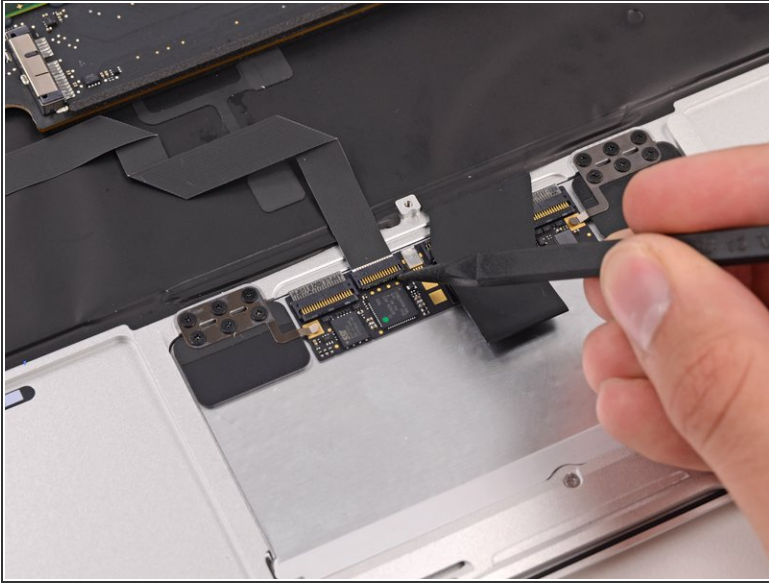
⚠ When handling the battery, avoid squeezing or touching the six exposed lithium polymer cells.

- 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:

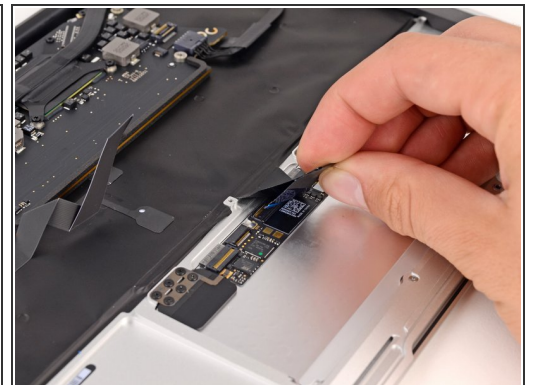
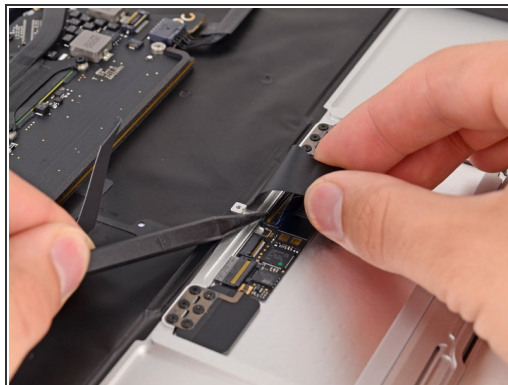
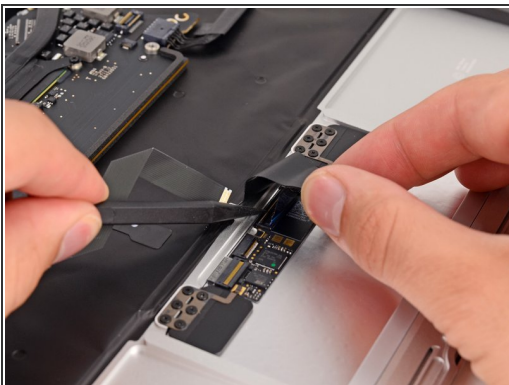
- Charge it to 100%, and then keep charging it for at least 2 more hours. Next, unplug and use it normally to drain the battery. When you see the low battery warning, save your work, and keep your laptop on until it goes to sleep due to low battery. Wait at least 5 hours, then charge your laptop uninterrupted to 100%.
- If you notice any unusual behavior or problems after installing your new battery, you may need to [reset your MacBook's SMC](#).

Step 6 — Trackpad



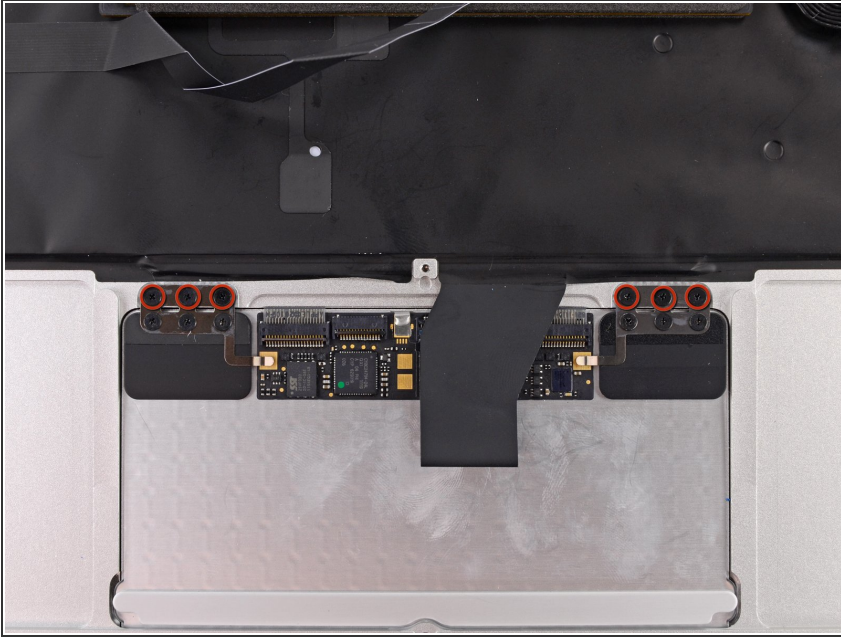
- Use the point of a spudger to lift the ZIF connector retaining flap on the trackpad data cable.
- Gently slide the ribbon cable out of the ZIF connector.
- Adjust, but do not remove the T5 Trackpad Sensitivity Screw to change the trackpad's depth sensitivity.

Step 7



- With one hand, push the keyboard ribbon cable in slightly to access the ZIF connector beneath it.
- Use a spudger to flip up the retaining flap.
- Gently slide the cable out of the connector.

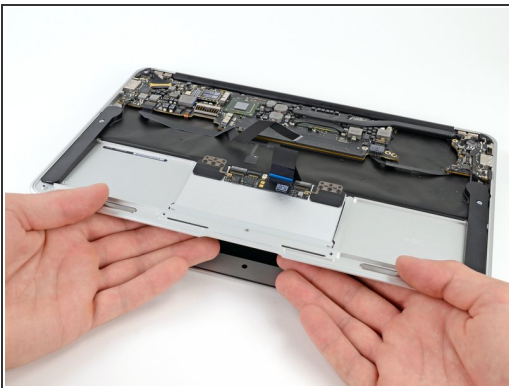
Step 8



- Remove the six 1.5 mm Phillips #00 screws holding the trackpad in place.

⚠ These screws are installed tightly and strip easily. Be careful as you remove them.

Step 9



- Open the device about 10 degrees.
- While holding the bottom of the trackpad, press up on the side of the trackpad closest to the logic board to free it from the upper case.
- Remove the trackpad from the device.

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