



Installing iPad Wi-Fi Logic Board

Tools used in this guide

- [Metal Spudger](#) (1)
- [Plastic Opening Tools](#) (1)
- [T5 Torx Screwdriver](#) (1)

Follow this guide to remove the iPad's logic board.



Step 1 - Display Assembly

- Insert a metal spudger between the top edge of the display assembly and the rear panel assembly.
- Rotate the spudger away from you to release the tabs along the top edge of the display.
- Insert a second metal spudger between the top edge of the display assembly and the rear panel assembly to keep the tabs from snapping back into place.



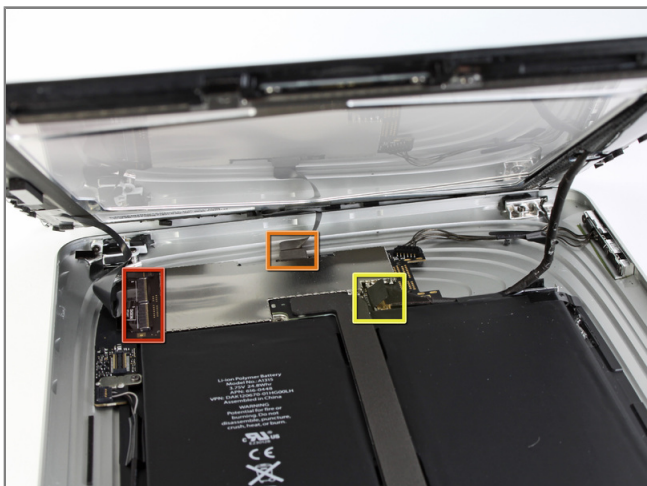
Step 2

- With one spudger, work your way along the right edge of the iPad, releasing tabs as you go.



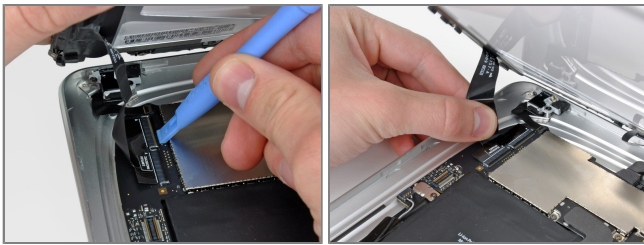
Step 3

- Lift the display assembly away from the rear panel assembly by its bottom edge.
- Do not attempt to remove the display at this time, as it is attached to the rear panel assembly.



Step 4

- In the following steps, you will disconnect the three cables attaching the display assembly to the logic board. The cables are for the following components:
 - Digitizer
 - Ambient Light Sensor
 - Display Data Cable



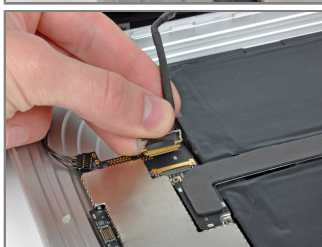
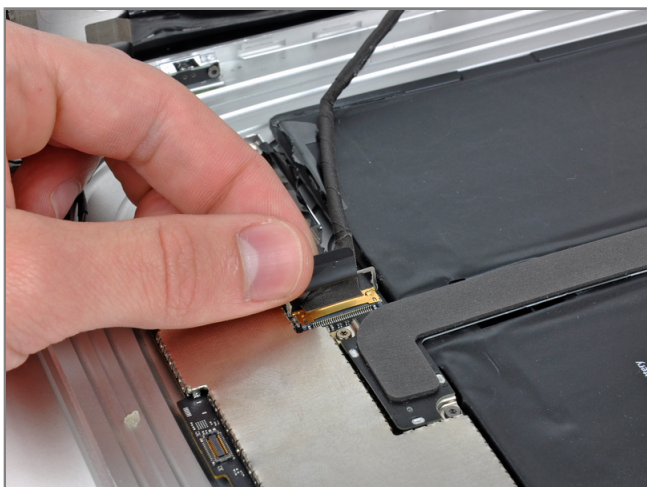
Step 5

- Use the edge of a plastic opening tool to flip up the retaining flaps holding the digitizer ribbon cables in their sockets on the logic board.
- Be sure you are flipping up the retaining flap, **not** the socket itself.
- Pull the digitizer ribbon cables straight out of their sockets.



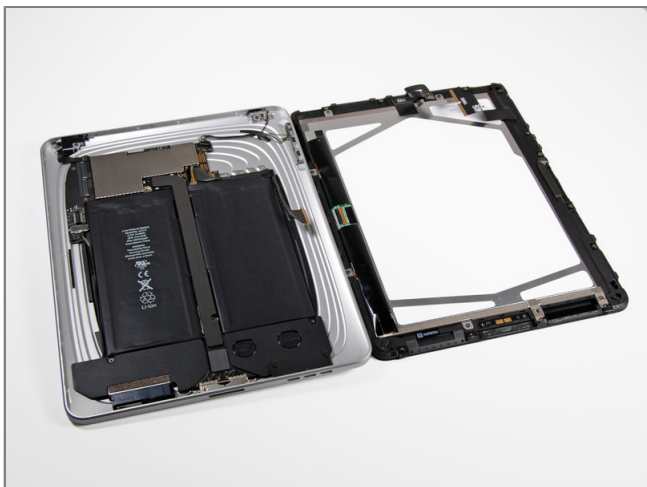
Step 6

- Use a plastic opening tool to remove the ambient light sensor connector from its socket by gently prying upward.



Step 7

- Disconnect the display data cable from the main board by flipping up the metal retainer by its black plastic pull tab.
- Pull the cable connector away from its socket.
- Pull the connector parallel to the face of the logic board.



Step 8

- Remove the display assembly from the rear panel assembly.



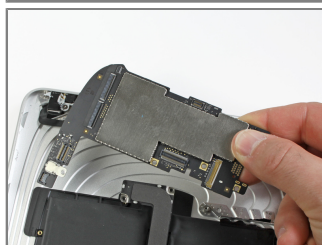
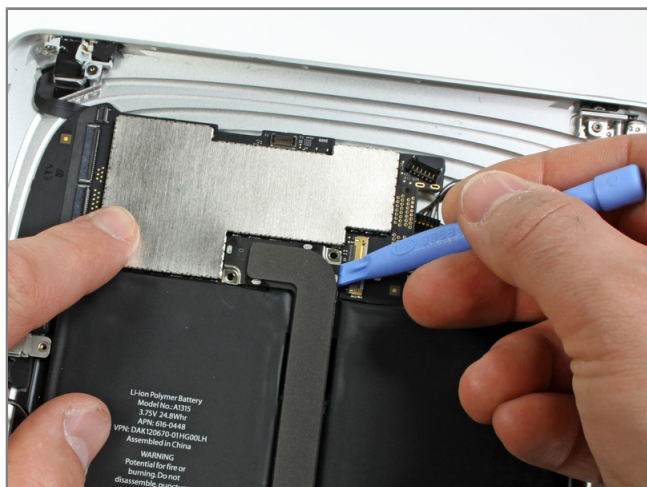
Step 9 - Logic Board

- Use the edge of a plastic opening tool to:
 - Pry the side button connector up off the logic board from underneath the wires.
 - Pry the speaker connector up off its socket on the logic board from beneath the speaker wires.
- Carefully flip up the ZIF ribbon cable retaining flap on the socket near the headphone jack.
- Be sure you are prying up on the retaining flap, not the socket itself.
- Pull the headphone jack ribbon cable toward the left side of the iPad to disconnect it from its socket.



Step 10

- Remove the following screws securing the logic board to the rear panel assembly.
 - Two 4.56 mm T5 Torx screws.
 - Two 3.76 mm T5 Torx screws.



Step 11

- Use the edge of a plastic opening tool to carefully pry the dock cable connector straight up off the logic board.
- Lift the logic board out of the rear panel assembly.

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

This document was last generated on Dec 14, 2010.