



Installing iPad 3G Speakers

Tools used in this guide

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

Use this guide to replace a set of blown-out speakers.



Step 1 - Display Assembly

- The iPad shown in the photos may look slightly different from your iPad, but the procedure is the same.
- Insert a metal spudger between the right 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.



Step 2

- 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.
- Pry the display assembly away from the rear panel.



Step 3

- Continue prying the display assembly away from the rear panel along the bottom and left edges of the iPad.



Step 4

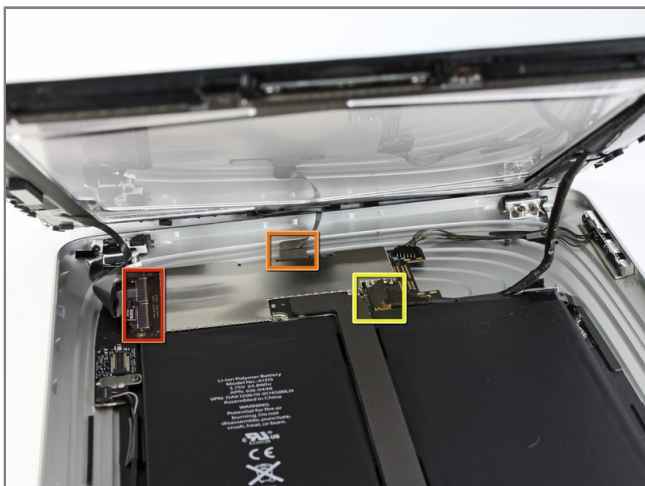
- Lift the display assembly away from the rear panel assembly by its right edge.
- Do not excessively lift the display assembly off the rest of the iPad, as a fragile antenna cable with very little slack still connects the two components.





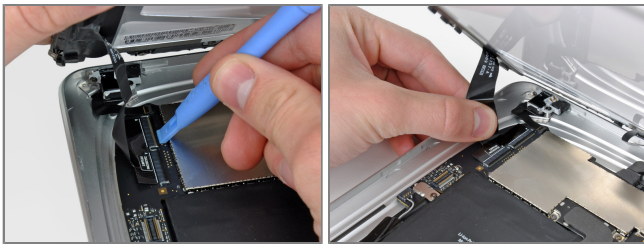
Step 5

- Use the flat end of a spudger to pry the antenna connector closest to the bottom of the iPad up off its socket on the communications board.



Step 6

- 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



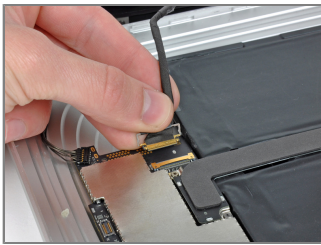
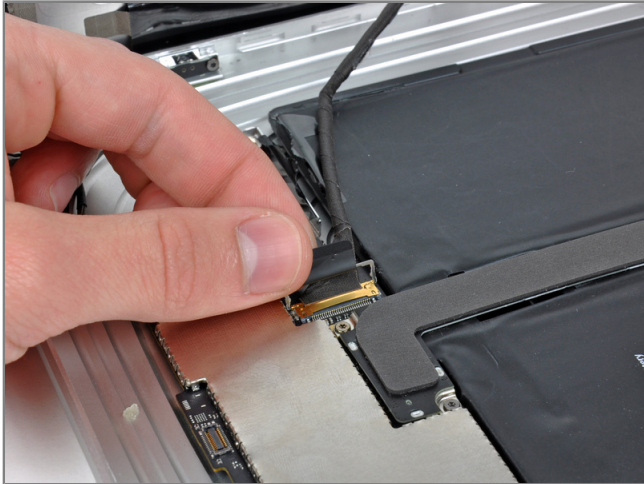
Step 7

- Use the edge of an iPod 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.



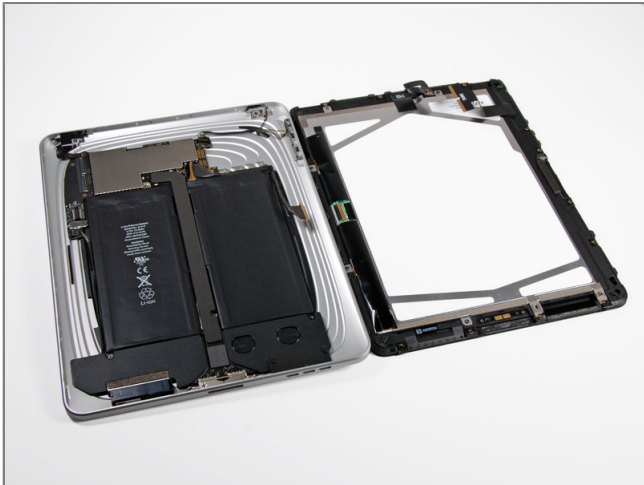
Step 8

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



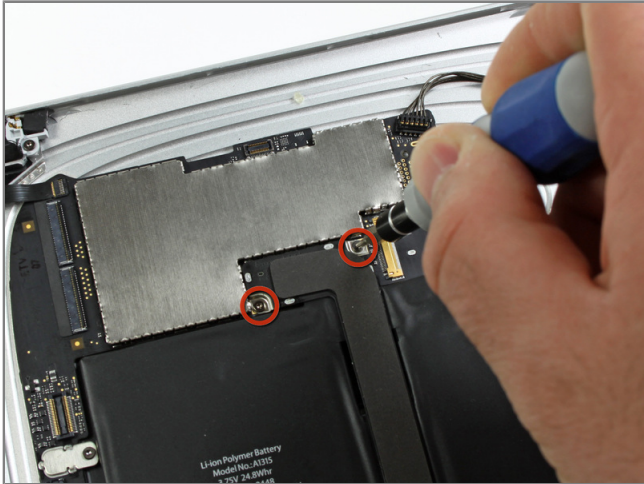
Step 9

- 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 10

- Remove the display assembly from the rear panel assembly.



Step 11 - Dock Connector Cable

- Remove the two 4.56 mm T5 Torx screws securing the dock connector cable to the main board.



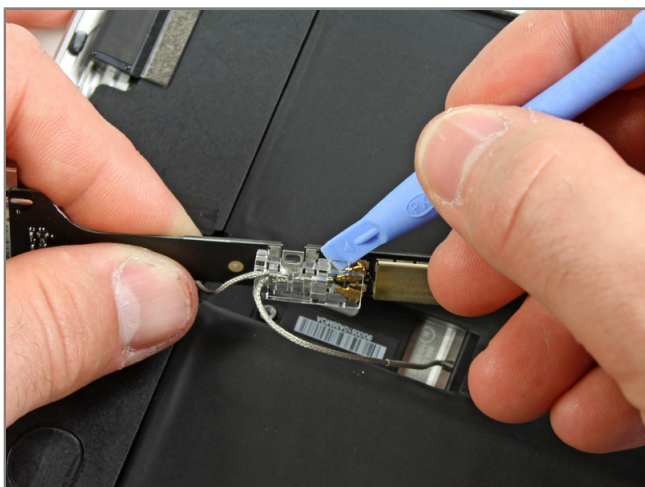
Step 12

- Remove the single 2.84 mm T5 Torx screw connecting the dock connector cable to the rear case assembly.



Step 13

- Remove the two 2.84 mm T5 Torx screws securing the dock connector cable to the rear panel assembly.



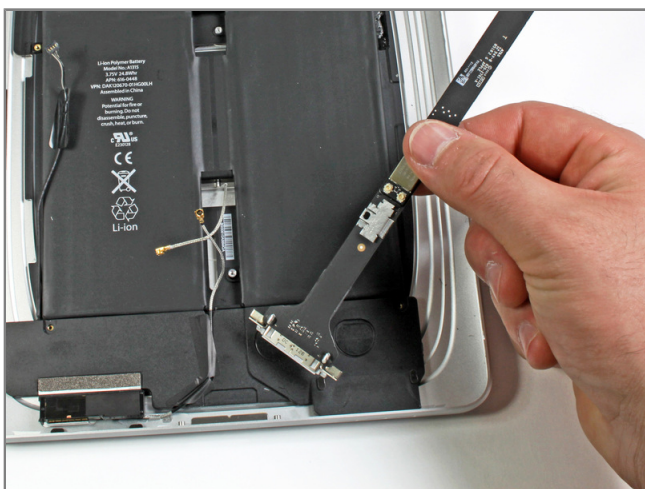
Step 14

- Carefully remove the plastic cover over the WiFi/Bluetooth board and dock connector cable using an iPod opening tool.



Step 15

- Pry the Wi-Fi and Bluetooth antennas up off their respective sockets on the Wi-Fi/Bluetooth board.



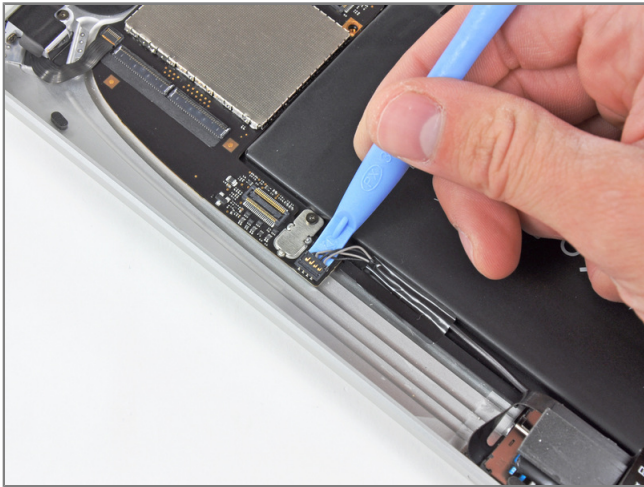
Step 16

- Remove the dock connector cable from the rear panel assembly.



Step 17 - Speakers

- Use the edge of an iPod opening tool to pry the SIM board connector up off its socket on the logic board.



Step 18

- Fold the SIM cable back for clearance to access the speaker connector.
- Use the edge of an iPod opening tool to disconnect the speaker connector from the logic board.
- Pry up from beneath the wires.



Step 19

- Remove the two 2.84 mm T5 Torx screws securing the speaker assembly to the rear panel assembly.
- If necessary, remove the tape covering the Wi-Fi cables.





Step 20

- De-route the Wi-Fi antenna through its channel in the speaker assembly.



Step 21

- Deroute the speaker cable connector from under the black sticker attached to the left side of the rear panel assembly.



Step 22

- Lift the speaker assembly and push it forward until the ports clear the bottom side of the rear panel assembly.

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

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