

## iPad 2 Dismantling Instructions



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These instructions will show you how to open the iPad to replace the digitizer, LCD screen and other internal parts. Opening your iPad will void your warranty, and ConsoleParts4U does not accept any responsibility for broken tablets due to the installation process. You proceed at your own risk.



**\*Please back-up your iPad before commencing work and then switch it off.\***

In the following steps you will use a heat gun to soften the adhesive securing the front panel to the rear panel. Try not to allow the stream of hot air to contact the thin plastic strip around the outer perimeter of the front panel as it may melt, permanently deform, and lose texture.

When heating up the front panel, the goal is to loosen the adhesive located around the perimeter to soften and allow removal. When prying up the front panel, be especially careful not to damage the Wi-Fi antenna, immediately to the right of the home button.

Use a heat gun to gently heat the front panel taking care not heat up the home button, as it is plastic and easily melts/deforms.



- Once the area of the front panel to the right of the home button has been heated adequately, it should be easy to insert a plastic opening tool between the outer plastic bezel and the front panel right next to the home button.
- Use your plastic opening tool to gently create a small gap between the front panel and the outer bezel to the right of the home button.
- If the adhesive is difficult to separate, don't be afraid to heat it up again. Excessively prying and bending the front panel when the adhesive is not pliable enough can easily cause it to crack.
- Insert a guitar pick into the small gap created by the plastic opening tool.

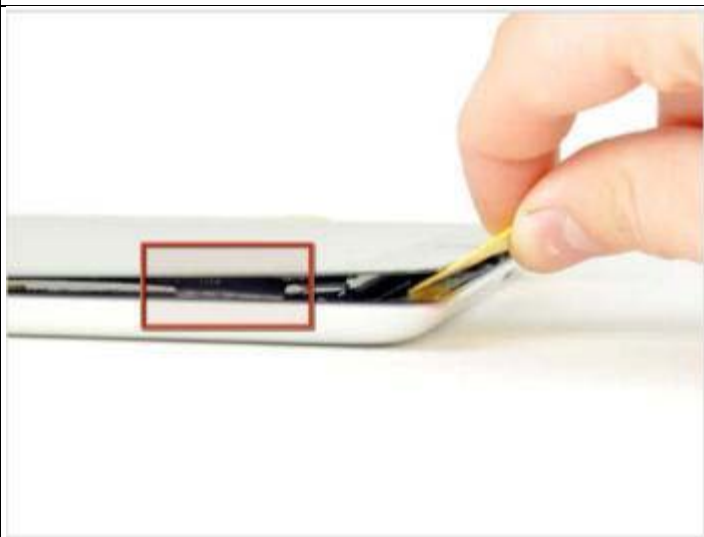


- Heat up the area of the front bezel to the right of the home button along the bottom edge and make your way closer to the bottom right corner of the iPad.
- Slide the first guitar pick toward the bottom right corner of the iPad and insert another guitar pick to maintain the gap between the front panel and the iPad next to the home button.
- Use your heat gun to heat the edge of the front panel near the bottom right corner of the iPad.
- Gently slide a guitar pick around the edge of the bottom right corner of the front panel, being careful not to force it and reheating the panel if necessary.





- Continue heating the outer edge of the front panel and using guitar picks to separate/space the front panel from the rear panel.
- Insert two guitar picks as placeholders on each side of the iPad.
- Be careful when approaching the bottom left corner of the iPad. Be sure to follow the next step carefully.



- When separating the front panel from the bottom left corner of the iPad 2, be careful not to rip the digitizer cable (highlighted in red in the first picture). It is extremely thin and easy to tear.
- Slightly lift the front panel near the dock connector to separate it from the foam adhesive securing it to the LCD.
- Use a guitar pick to help cut the foam adhesive securing the perimeter of the LCD to the front panel.



- Carefully rotate the front panel away from the iPad, being sure that no adhesive is still attaching the two components.
- Do not put excessive strain on the digitizer cable.



- Lay the front panel next to the rest of the iPad 2.
- Do not attempt to completely remove the front panel assembly just yet, as it is still attached to the logic board via the display ribbon cable.



- Remove the four 2.0 mm Phillips screws securing the LCD to the rear case.



- Lift the LCD from its long edge closest to the volume buttons and rotate it out of the rear case.



- Use the edge of a plastic opening tool to flip up the metal retaining clip securing the display data cable to its socket on the logic board.



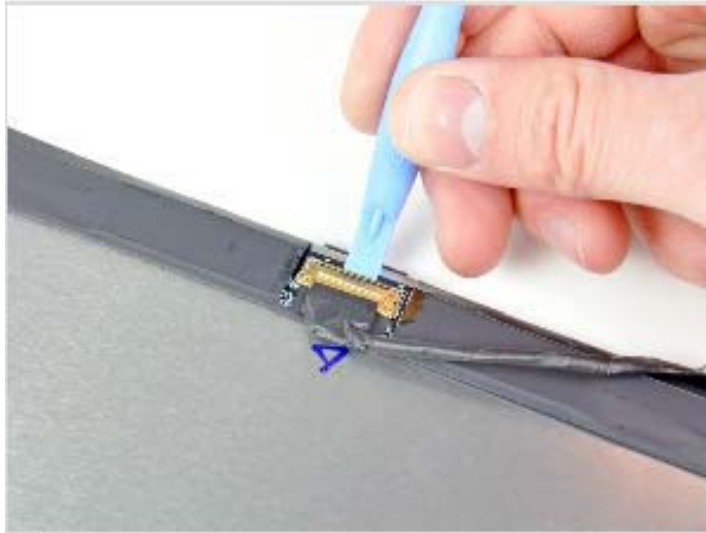
- Pull the display data cable out of its socket on the logic board. Do not lift upward on the display data cable connector as you disconnect it.



- Remove the LCD assembly from the iPad 2.



- Remove the small strip of black tape covering the display data cable connector on the LCD.



- Use the edge of a plastic opening tool to flip up the metal retaining clip on the display data cable connector.



- Pull the display data cable out of its socket and remove it from the LCD. Do not pull upwards on the display data cable as you disconnect it. Now remove the LCD panel.



- Use the edge of a plastic opening tool to carefully flip up the retaining flaps on the two digitizer ribbon cable ZIF sockets.
- Be sure you are prying up on the hinged retaining flaps, **not** the sockets themselves.
- The retaining flaps are highlighted in red in the second picture.



- Use the edge of a plastic opening tool to peel the digitizer cable off the shields on the logic board.
- Carefully pull the digitizer cable off the adhesive securing it to the side of the rear case.



- Pull the digitizer ribbon cable straight out of its two sockets on the logic board.
- Digitizer removed now re-fit replacement screen.