

iPad 4 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 to 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.

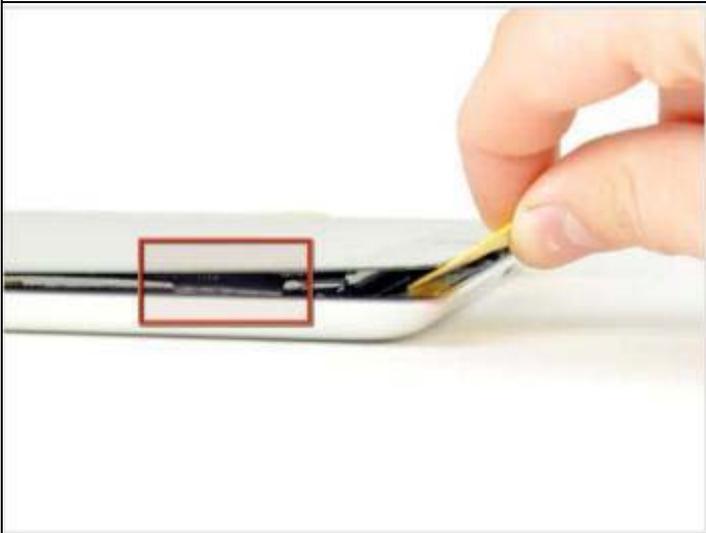


- Heat up the area of the front bezel to the right of the home button along the bottom edge and make your way closer to the bottom right corner of the iPad.
- Slide the first guitar pick toward the bottom right corner of the iPad and insert another guitar pick to maintain the gap between the front panel 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.
- Be also careful lifting the top panel to the left hand side of the home button, as the home button is attached to a ribbon on the iPad 4. This ribbon is lightly adhered to the back of the glass digitizer take care not to damage this ribbon.





- 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 4, be careful not to rip the digitizer cable (highlighted in red in the 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.
- On the iPad 4 you will find that the home button is attached to a ribbon running along the underside of the digitizer, to the same corner where the main digitizer ribbon is located.



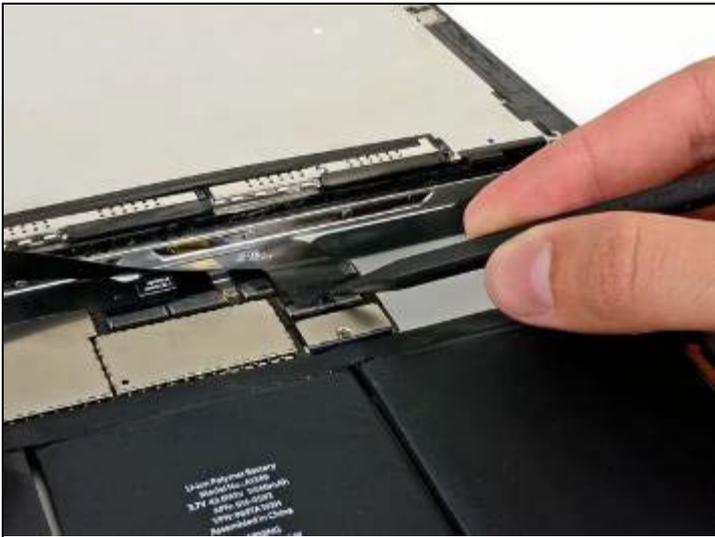
- Lay the front panel next to the rest of the iPad 4.
- Do not attempt to completely remove the front panel assembly just yet, as it is still attached to the logic board via the display ribbon cable.



- 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.



- Using the tip of a spudger, peel back the piece of tape covering the LCD ribbon cable connector.



- Flip up the retaining flap on the LCD ribbon cable ZIF connector.
- Using your fingers or a pair of tweezers, pull the LCD ribbon cable from its socket on the logic board.



- Without touching the front of the LCD, lift the LCD off the front panel.



- If necessary, peel back the piece of tape that secures the digitizer ribbon cable to the logic board.
- Flip up the retaining flap on both of the digitizer ribbon cable ZIF connectors.



- Use the flat end of a spudger to loosen the adhesive underneath the digitizer ribbon cable.
- Pull the digitizer ribbon cable straight out of its sockets on the logic board.



- Peel back the digitizer ribbon cable and use the flat end of a spudger to release the adhesive securing the cable to the rear aluminum case.
- Using your fingers, pull the digitizer ribbon cable out of its recess in the aluminium frame.
- Remove the front panel from the iPad 4.