



iBook G4 14" 1.42 GHz Display Inverter Replacement

Replace a blown display inverter on your 14" iBook G4 1.42 GHz.

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EINLEITUNG

Use this guide to remedy a non-lighting LCD backlight by replacing your blown-out display inverter.



WERKZEUGE:

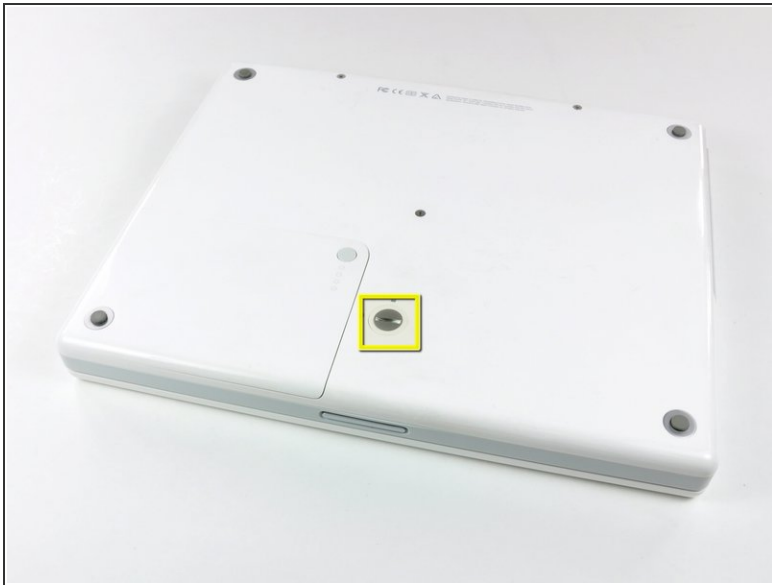
- [1.5mm Hex Screwdriver](#) (1)
- [Coin](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
- [Spudger](#) (1)



TEILE:

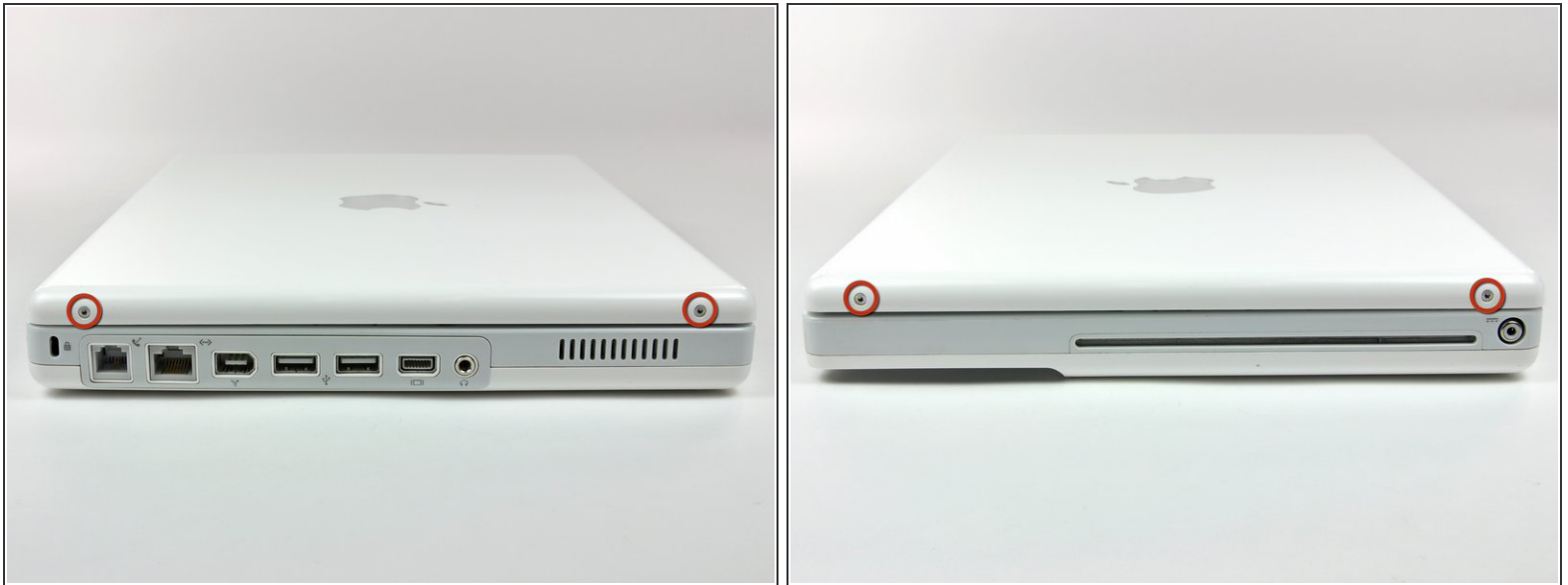
- [iBook G3 or G4 Display Inverter](#) (1)

Schritt 1 — Battery



- Use a coin to rotate the battery locking screw 90 degrees clockwise.
- Lift the battery out of the computer.

Schritt 2 — Rear Display Bezel



- Use a 1.5 mm hex screwdriver to remove the two hex screws on either side of the display (four screws total).
- If you don't have a 1.5 mm hex driver, you can probably get these screws out with a T6 Torx screwdriver. However, if you use a T6 Torx driver you'll be more likely to strip the screws.

Schritt 3



- Insert the flat end of a spudger perpendicular to the face of the display into the gap between the front and rear bezels near the upper left corner of the display.
- Rotate the spudger away from the display to pry the rear bezel off the front bezel.

Schritt 4



- Run your spudger along the top edge of the front display bezel to evenly separate the two bezels.

Schritt 5



- Working down from the upper left corner, use the flat end of a spudger to pry the rear bezel away from the left edge of the display.

Schritt 6



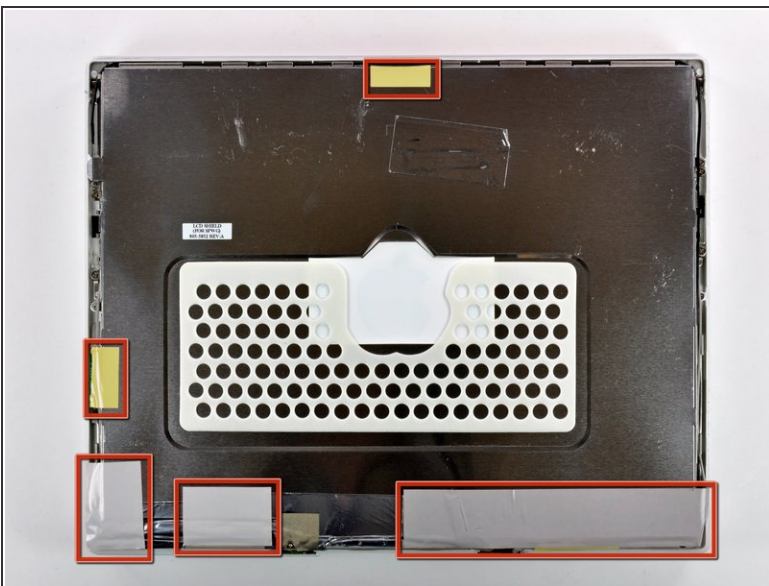
- Use the flat end of a spudger to pry the rear bezel away from the right edge of the display.
- If necessary, pry along the bottom edge of the rear bezel to separate it from the display assembly.

Schritt 7



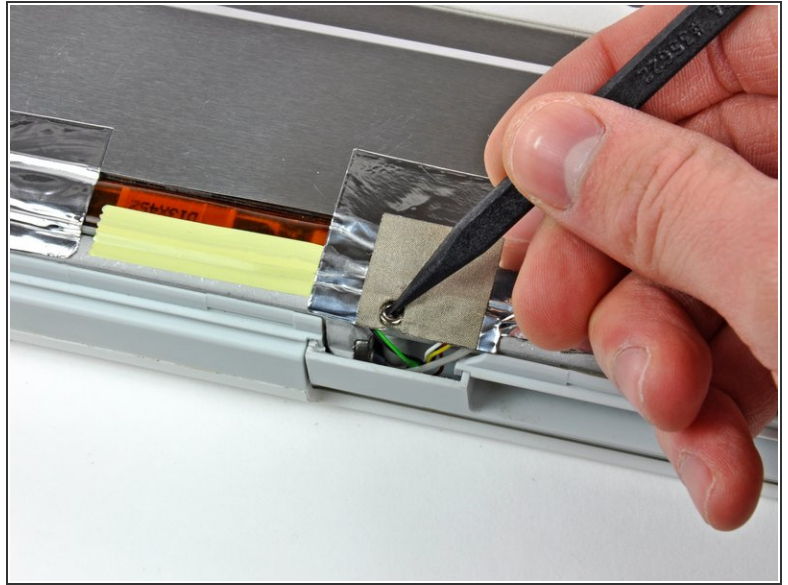
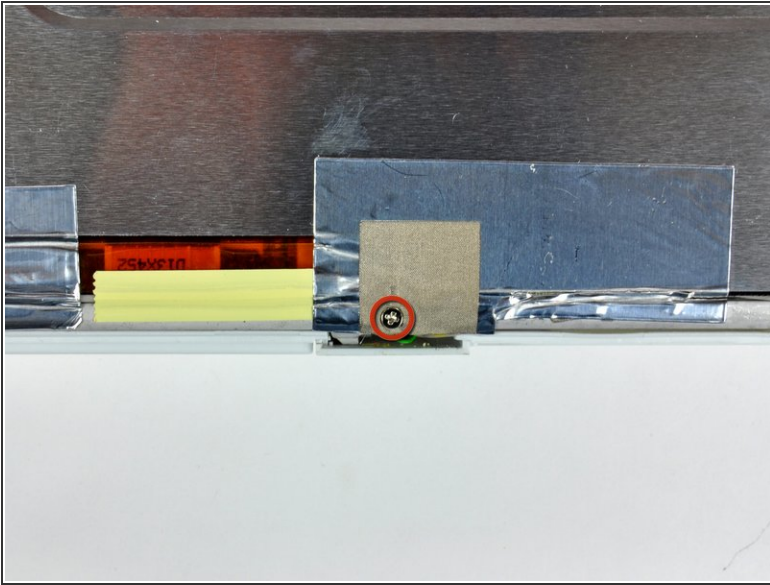
- Lift the rear bezel off the display assembly.

Schritt 8 — LCD



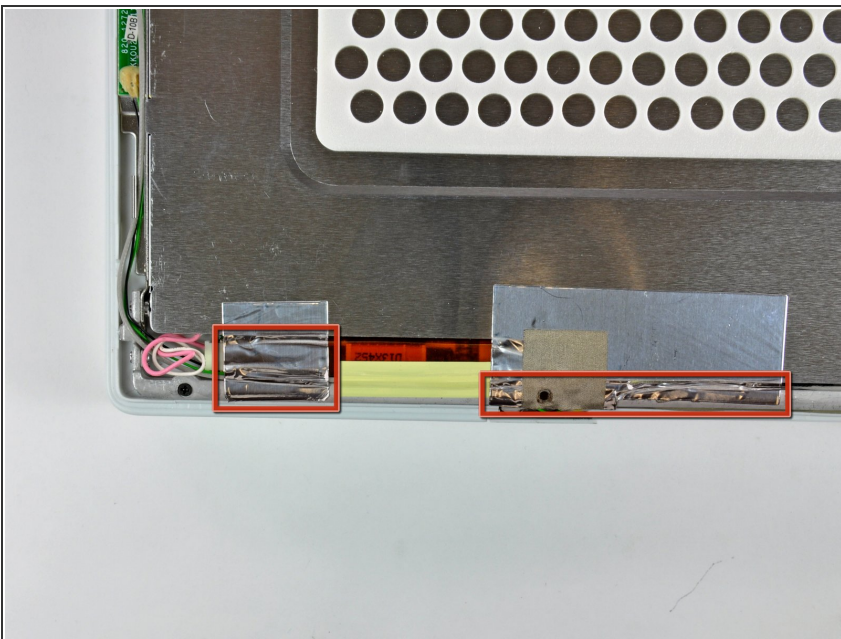
- Close the display.
- Remove the several pieces of tape securing the thin metal LCD cover to the display.
- Carefully remove the piece of foil tape covering the display data cable connection.

Schritt 9



- Remove the Phillips screw near the right display hinge.
- Use the tip of a spudger to remove the small spacer under the screw you just removed.

Schritt 10



- Pull the foil/braided pieces of tape off the aluminum frame of the clutch hinges.
- ❗ Leave the tape attached to the thin steel LCD cover.

Schritt 11



- Remove the two Phillips screws securing the left and right sides of the LCD to the frame of the clutch hinges (four screws total).

Schritt 12



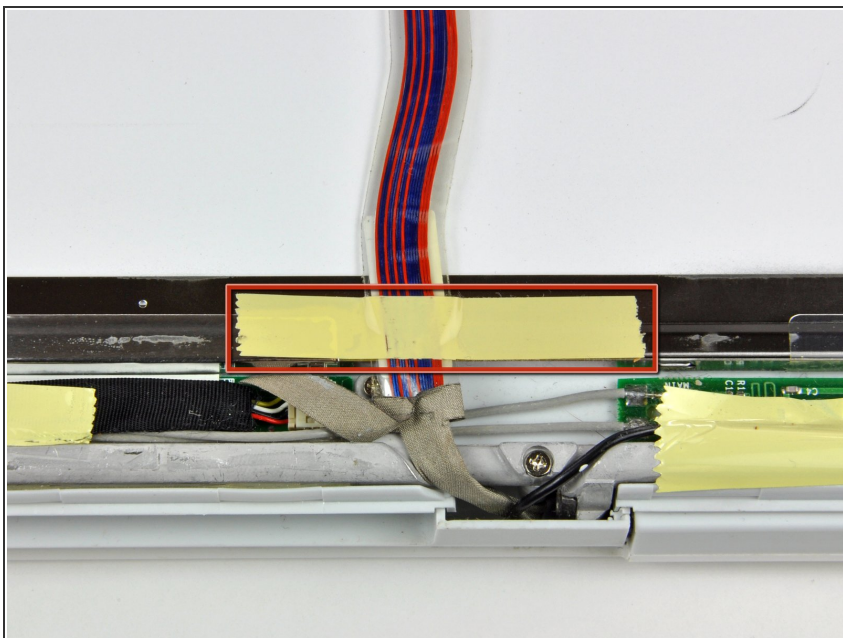
- Carefully remove the thin steel LCD cover.

Schritt 13



- Disconnect the display data cable by pulling the cable away from the socket on the LCD.

Schritt 14



- Remove the strip of yellow tape securing the display data cable to the metal LCD frame.

Schritt 15



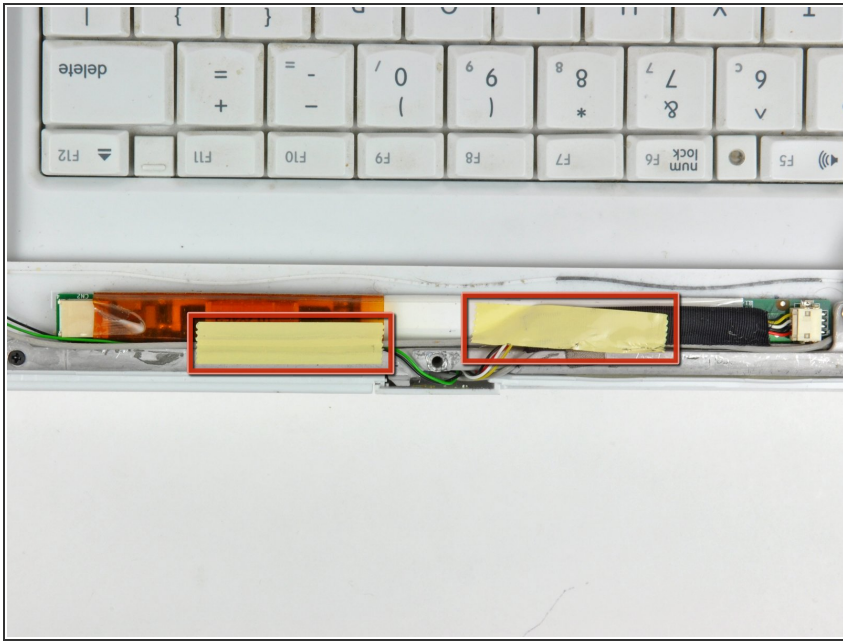
- Disconnect the backlight cable from the inverter.
- ❗ It is helpful to use a spudger to push the backlight connector away from its socket while you lightly pull its cables away from the inverter.

Schritt 16



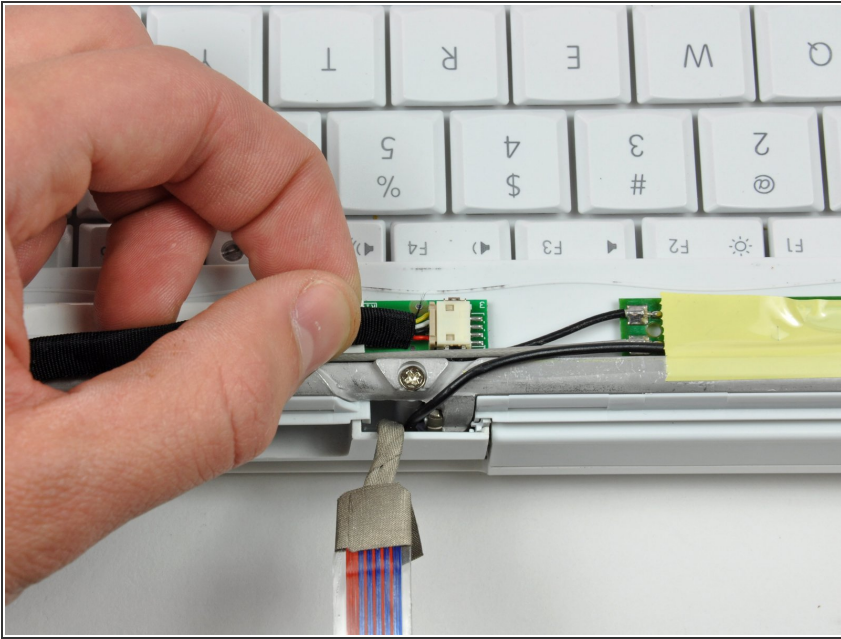
- Lift the LCD out of the display assembly.
- ❗ It may be helpful to press the latch release button and open your display slightly to push the LCD out of the display assembly.

Schritt 17 — Display Inverter



- Remove the two pieces of yellow tape covering the inverter/AirPort cables.

Schritt 18



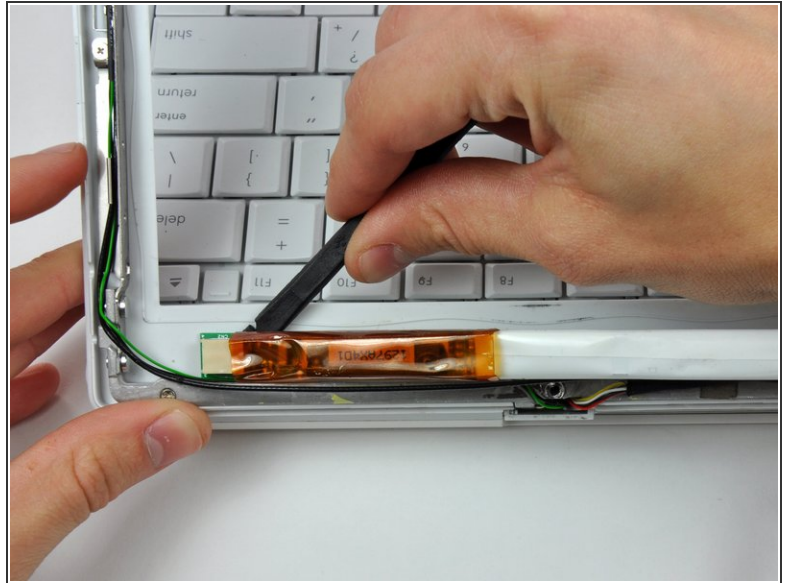
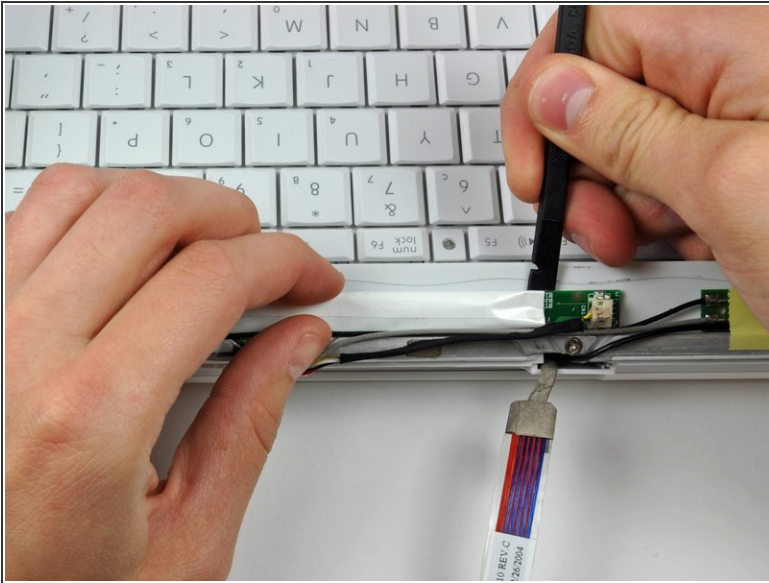
- Disconnect the inverter cable by pulling its connector away from the socket on the inverter board.

⚠ The inverter board is a very thin and delicate circuit board that is easily broken. Use caution.

ⓘ This connector tends to stick in its socket. It is helpful to push the connector with the tip of a spudger through the two small holes in the top of the socket while pulling the connector away from the socket.

⚠ Make sure to grasp the inverter cabling by the black tape and not the individual wires. Pulling the wires themselves will surely damage the inverter cable.

Schritt 19



- Insert the flat end of a spudger under the middle of the inverter board.
- Slide the spudger to the far left and right edges to separate the inverter board from the adhesive securing it to the front bezel.
- Remove the inverter board.

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