Toshiba Satellite E105-S1602 Display Replacement
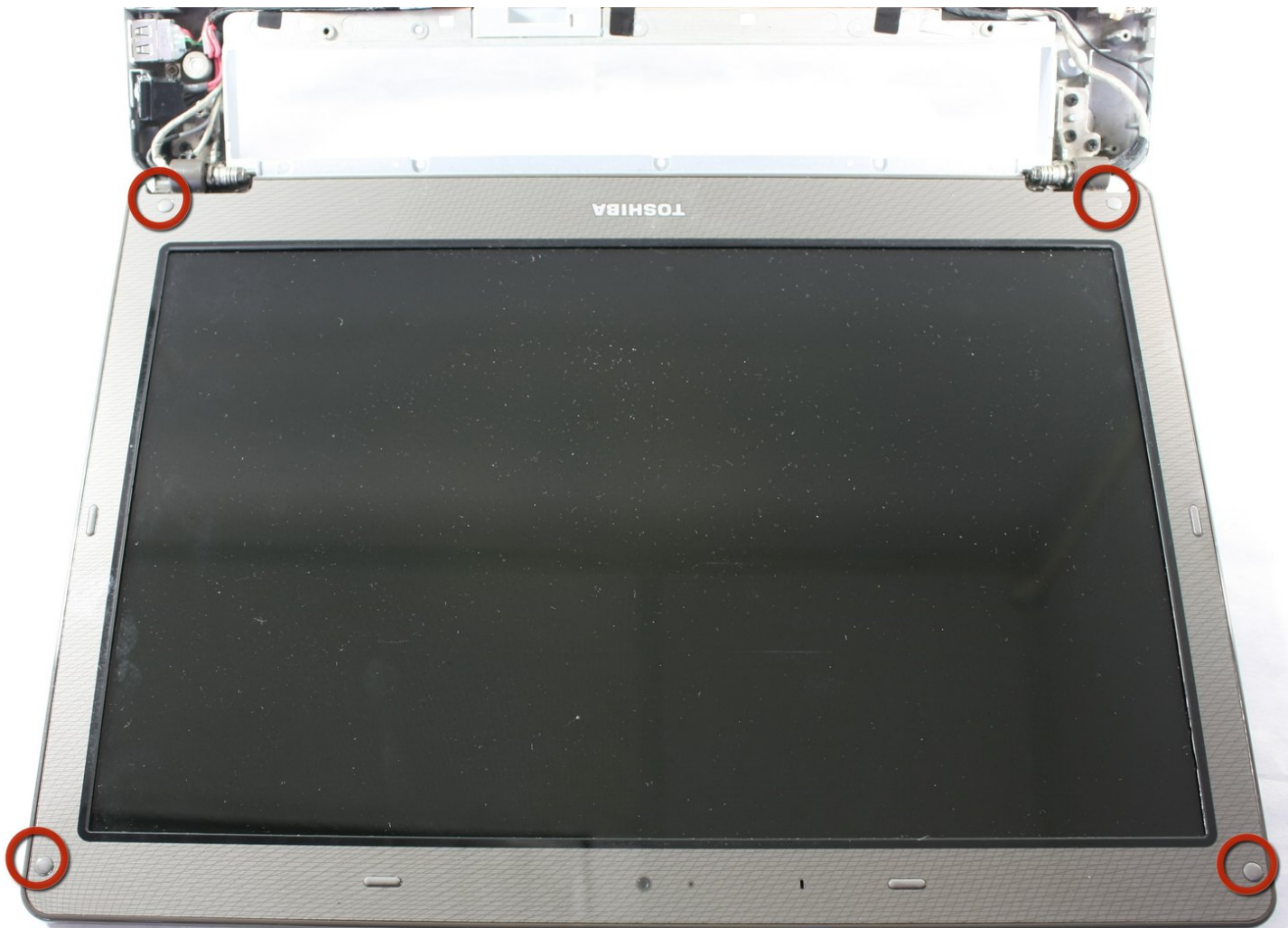
This guide is designed to help you quickly and...

Written By: Ian Washburne

www.iFixit.com

INTRODUCTION

This guide is designed to help you quickly and safely replace the display screen when a problem arises. The display assembly includes the LCD, the front glass, and the display enclosure.

🔧 TOOLS:

- Phillips #00 Screwdriver (1)
- iFixit Opening Tool (1)

This document was generated on 2023-02-02 09:49:37 AM (MST).

Step 1 — Battery

● Slide both of the latches to the outside to release the battery.

Step 2

● Pull the battery out by lifting the battery cover away from the laptop.

Step 3 — Keyboard

- Flip the computer over and insert the plastic opening tool under the plastic strip at the top of the keyboard.

- Pry the top plastic strip from the top of the keyboard.

- Peel the strip completely away from the keyboard.

Step 4

- Using your Phillips #00, unscrew the two 4.80mm screws at the top of the keyboard.

This document was generated on 2023-02-02 09:49:37 AM (MST).

Step 5

⚠️ When removing the keyboard, be careful not to rip the ribbon cable connecting the keyboard to the computer, to avoid damaging it.
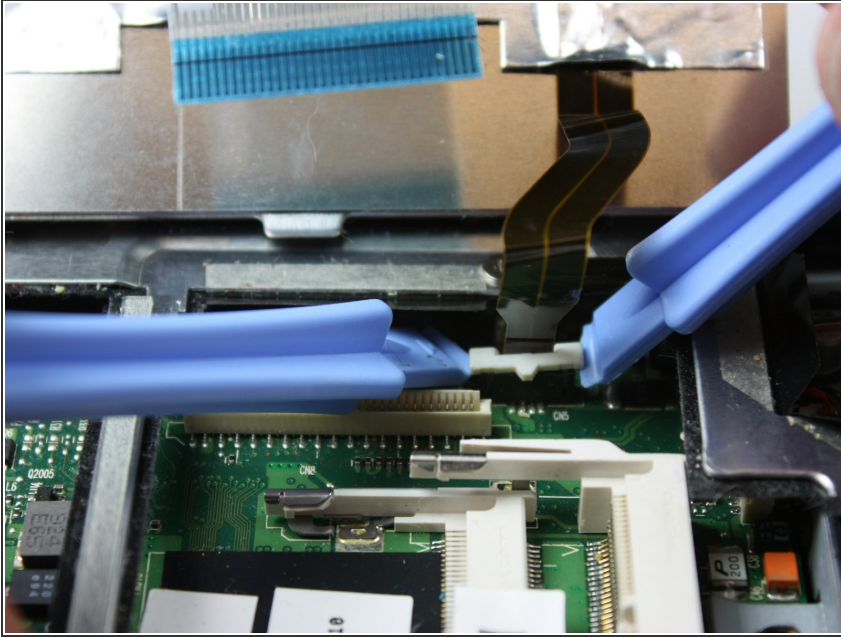
● Flip the keyboard up from the bottom in order to see the two ribbons connecting it to the motherboard.

Step 6

● Using the plastic opening tools, pop out the ribbon cable from the rest of the computer.

This document was generated on 2023-02-02 09:49:37 AM (MST).

Step 7

- Using the plastic opening tools, pop out the second ribbon cable from the rest of the computer.
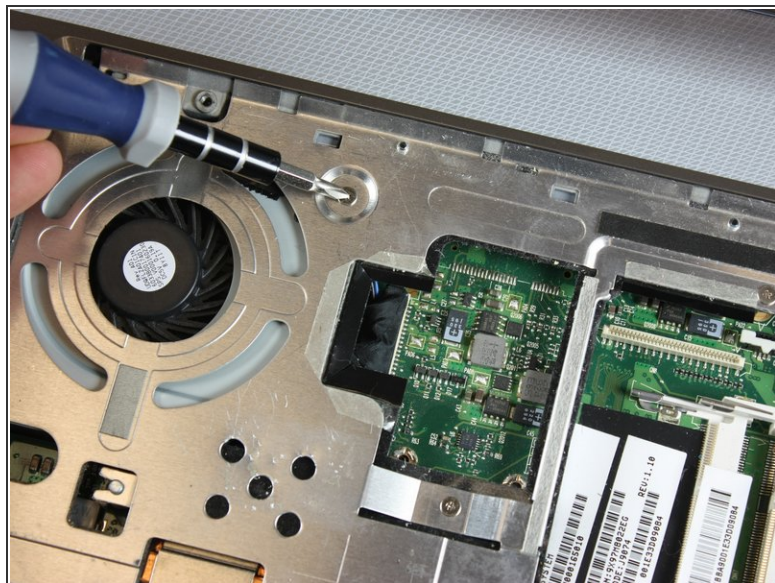
Step 8

- Completely remove the keyboard from the laptop by lifting up the part closest to the screen, and then gently pulling out the bottom half.

- ⓘ Keep the keyboard safe by storing it on a flat, non-metallic surface until needed.

This document was generated on 2023-02-02 09:49:37 AM (MST).
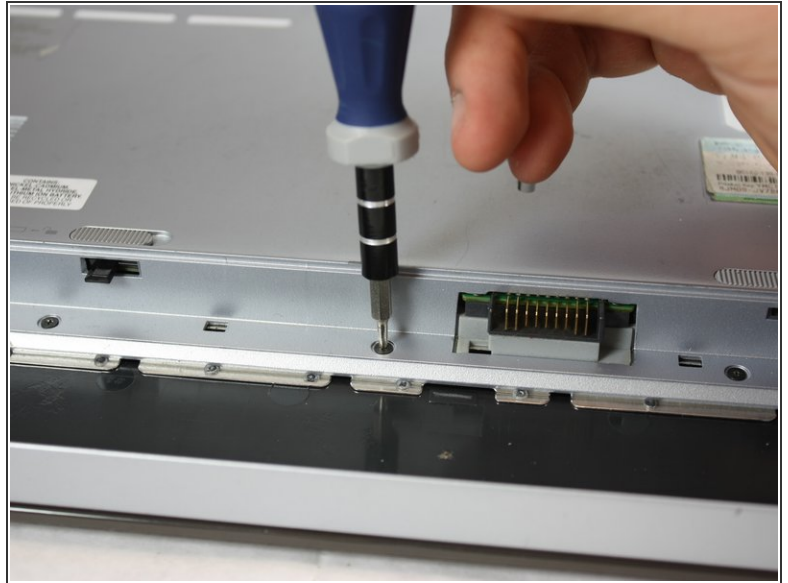
Step 9 — Front Panel

- Locate the four silver screws on the front panel.

- Using the Phillips #0, unscrew to remove all four 2.95mm silver screws.

Step 10

- Flip the laptop over and locate all seven screws on the bottom of the laptop.
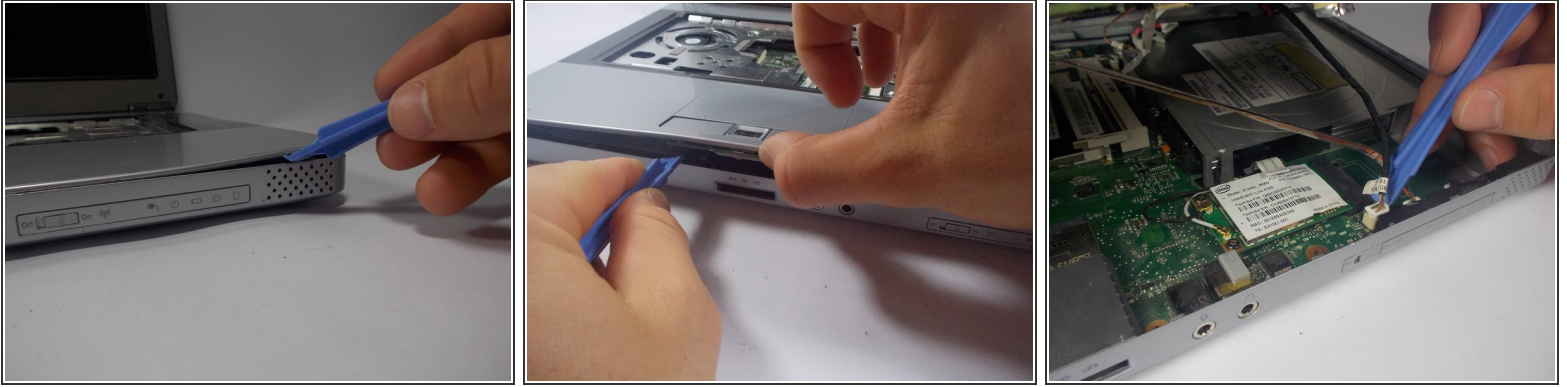
- Unscrew all seven Philips#00 7.70mm screws.

This document was generated on 2023-02-02 09:49:37 AM (MST).

Step 11

- Locate and unscrew the three silver Philips #00 2.85mm screws inside the battery compartment.

- Locate and unscrew the five black Philips #00 3.25mm screws inside the battery compartment.
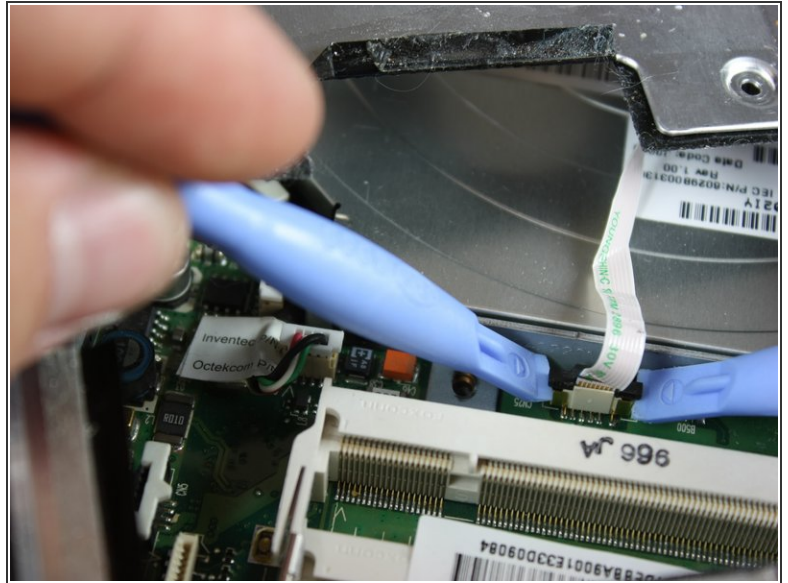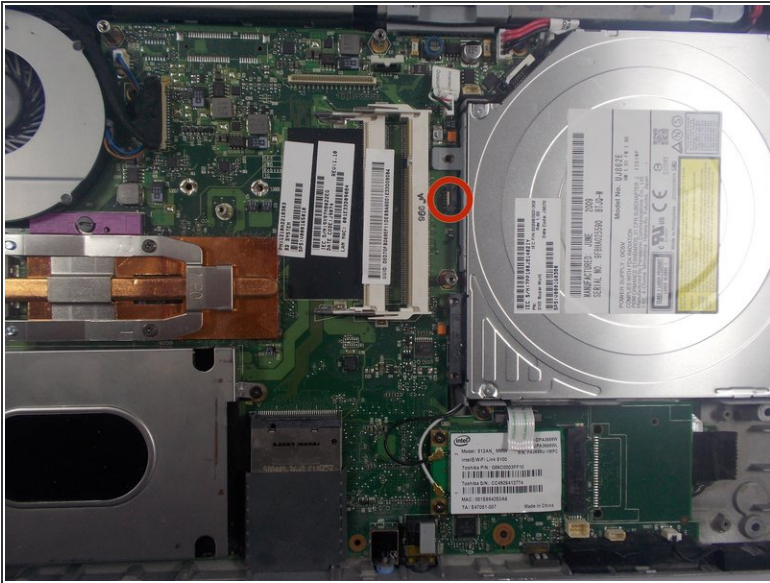
Step 12

- Rotate the laptop so the back faces you.

- Locate the two black Philips #00 7.65 screws, one by each hinge, and remove.

This document was generated on 2023-02-02 09:49:37 AM (MST).
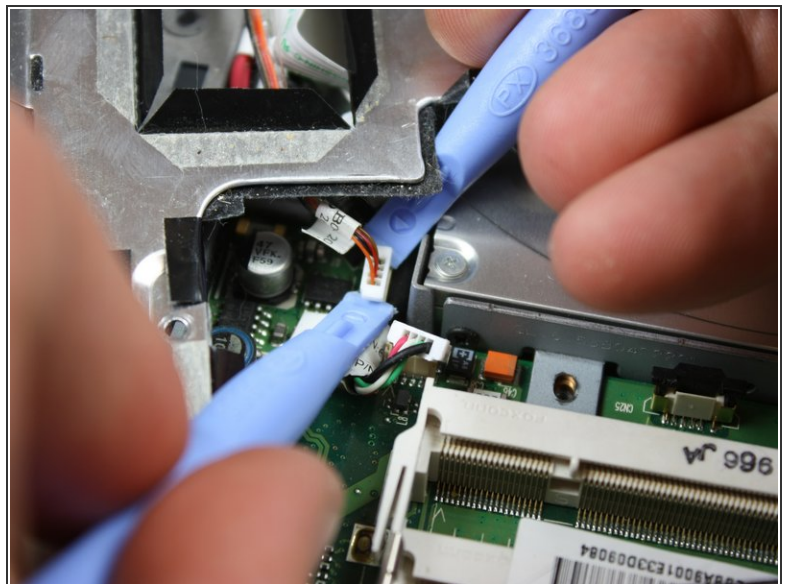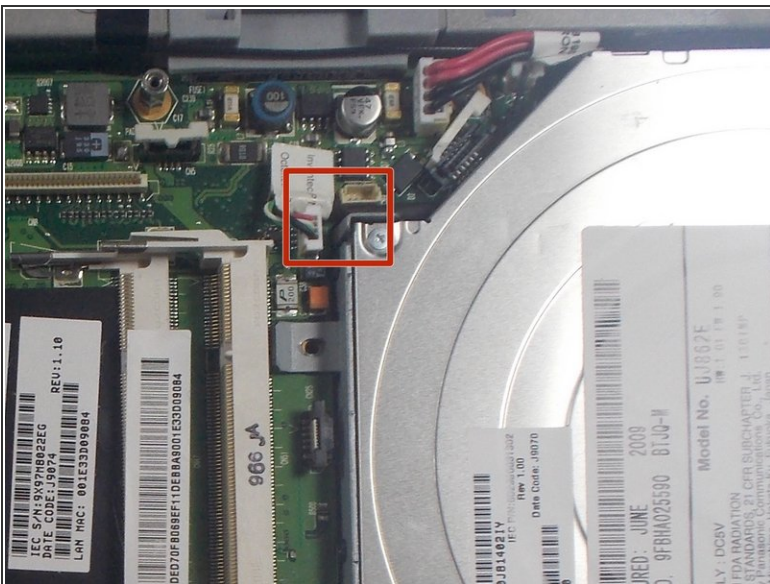
Step 13

- Use the plastic opening tool to pry the top panel up from the base of the computer.

- Slowly work your way around the computer with the plastic removing tool to make it easier to lift the top panel away from the base.

⚠️ Carefully lift the top panel no more than six inches, as there are ribbon cables connecting the two pieces.

- Disconnect ribbons, and slowly lift the top panel up, away from the base.
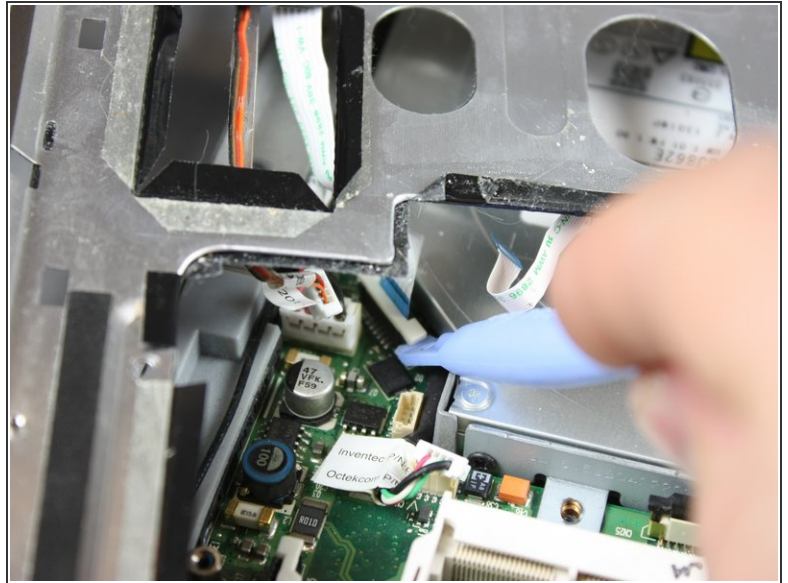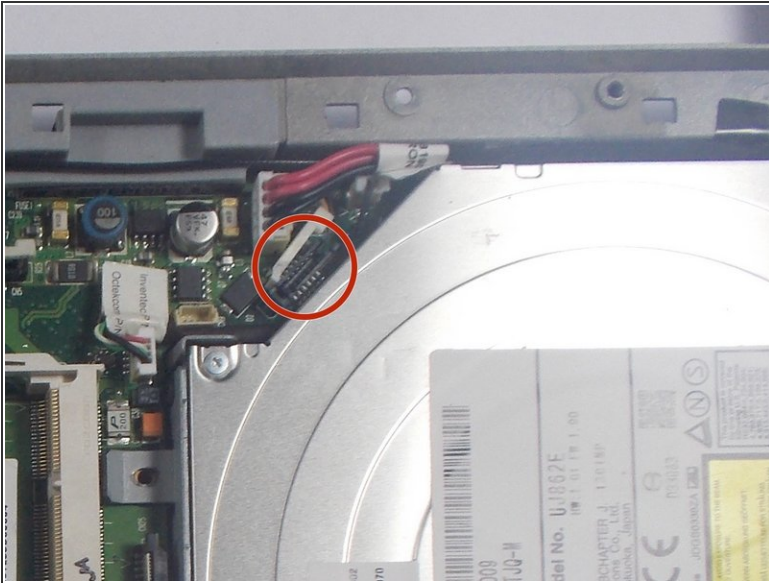
Step 14

- Locate the ribbon cable from the motherboard.

- Using plastic removing tools, pop the ribbon base from the motherboard.

Step 15

- Locate the two plugs from the motherboard.

- Using plastic opening tools, remove each plug from the motherboard.

This document was generated on 2023-02-02 09:49:37 AM (MST).

Step 16

- Locate the ribbon cable partially hidden under the front panel.

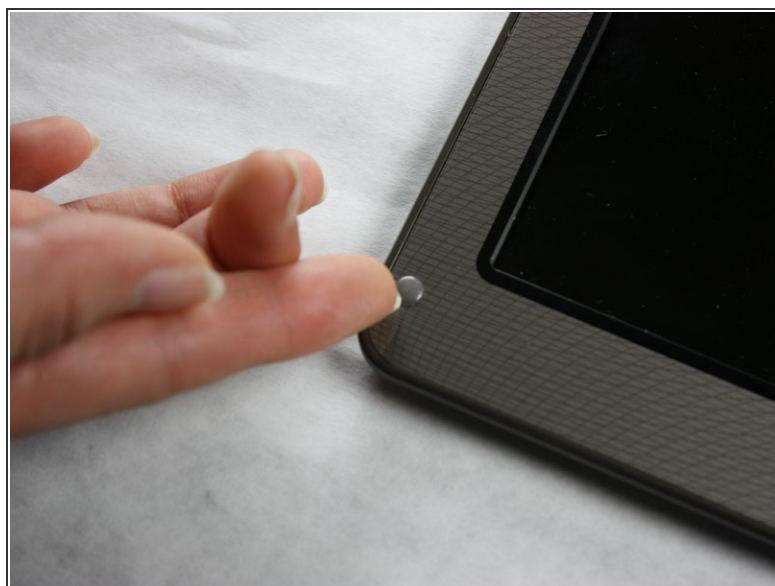- Using plastic opening tools, pop out the ribbon cable from the motherboard.

Step 17

⚠ Make sure that all wires have been disconnected before proceeding to avoid damaging components.

- Slowly lift the top panel away from the base of the computer.

- Place the top panel away from the computer and keep in a flat non-metallic surface until needed.

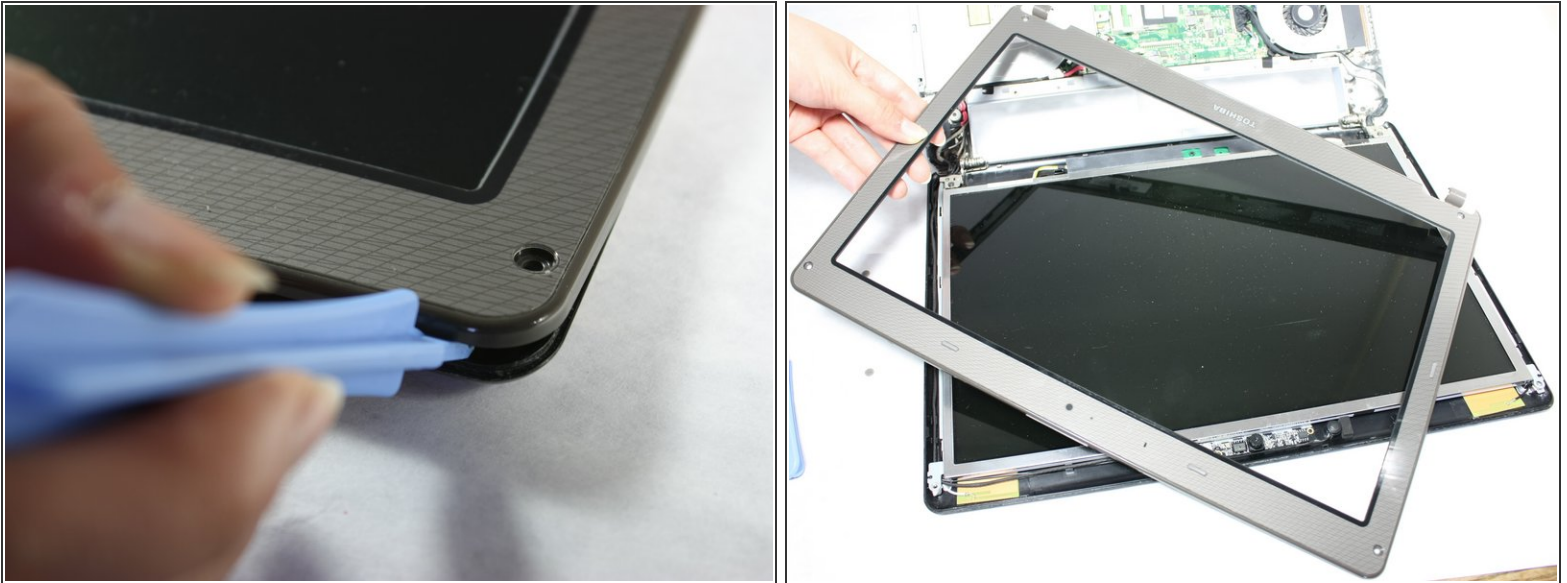www.iFixit.com

Step 18 — Display

- Rotate the computer so the screen is facing you and locate the four plastic screw covers; one at each corner of the screen

- Using your fingernail, remove each cover in order to expose the screw.
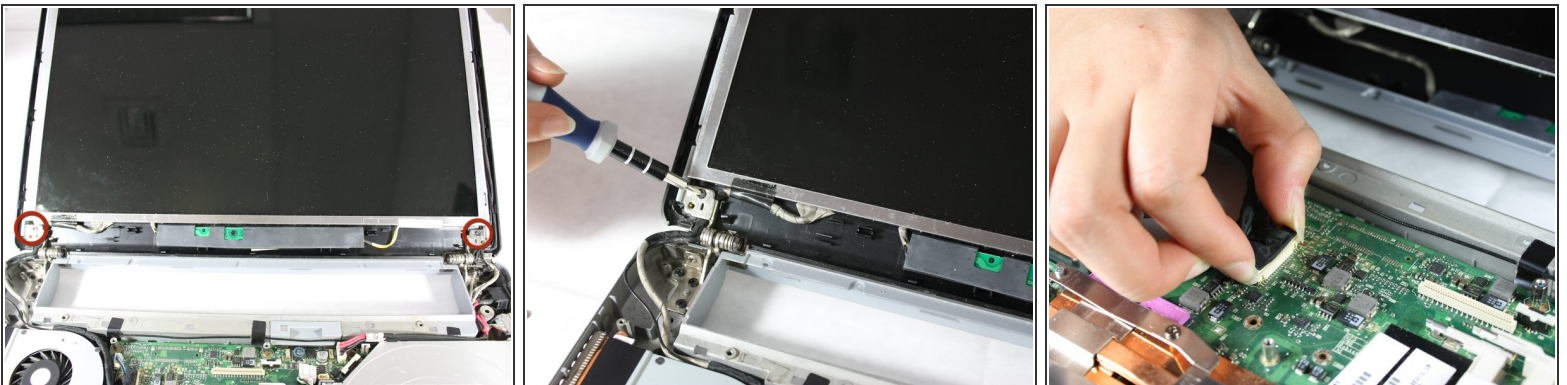
Step 19

- Remove the four Philips #00 4.85mm screws located at each corner of the screen.
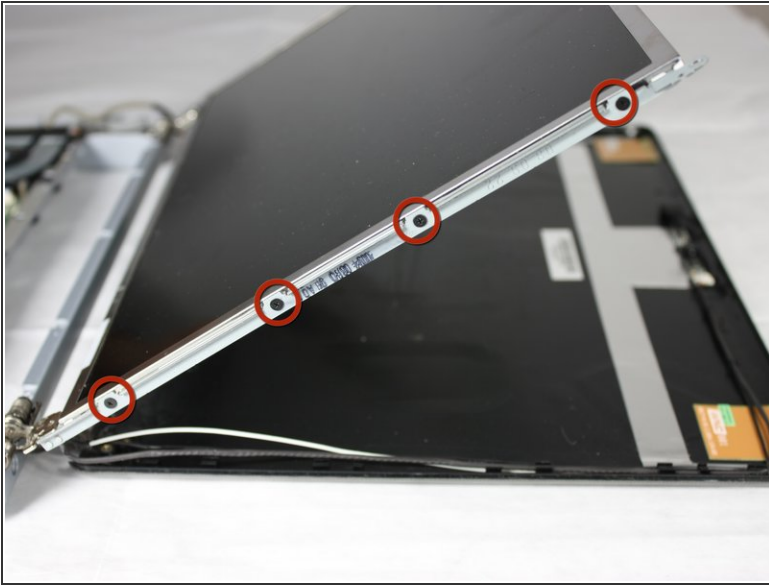
Step 20

- Insert the plastic opening tool in between the screen and the case to peel the plastic case away from the screen.

- Lift the plastic case away from the rest of the screen.

Step 21

- Locate and remove the two Philips #00 5.65 mm screws in the bottom right and bottom left corners of the screen.

- (i) The screw in the bottom left corner is attached to a black and white cord in the back casing.

- To remove the cord from the motherboard, grip the sides of the cord and pull up from the motherboard.

This document was generated on 2023-02-02 09:49:37 AM (MST).

Step 22

- Locate and remove the eight Philips #00 5.65 mm screws, four on either side of the screen.

- Lift the screen away from the rest of the laptop.

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