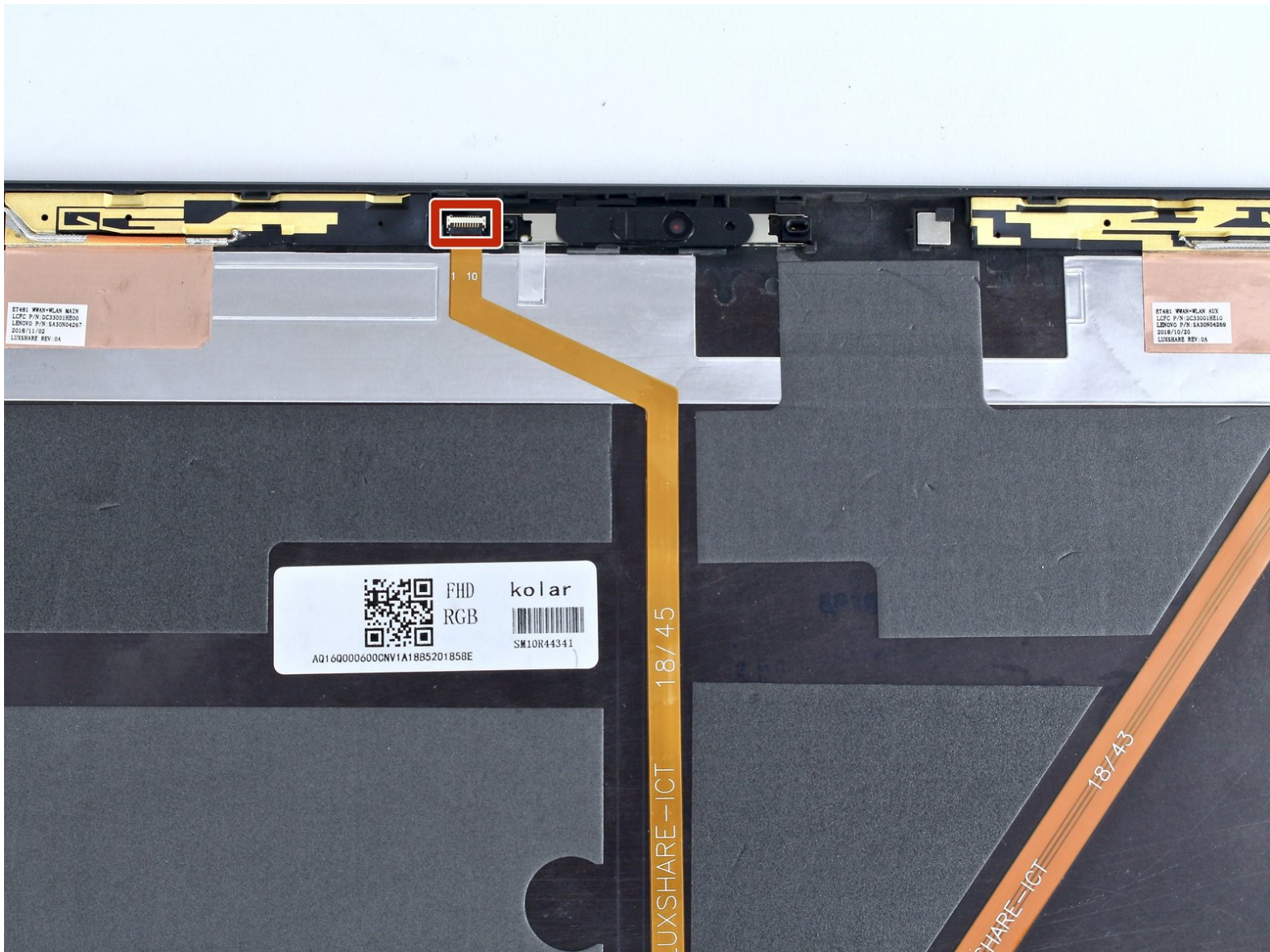




Written By: Sarah Westberg



INTRODUCTION

Use this guide to replace what Lenovo calls the camera card but is really just the internal webcam or camera in your Lenovo ThinkPad T480s laptop.

The camera card (also called a laptop camera or built-in webcam) transmits real-time videos and images to your computer. Some signs of a faulty camera include error messages that the camera is not enabled or cannot be found, or the camera light is on but the camera itself is unresponsive. There are known camera issues with Windows 10 which may be resolved with this [troubleshooting guide](#).

If your camera is physically cracked or damaged, it may require a replacement.

Before attempting to replace the camera, make sure to [disable the internal battery](#), power down your device, and disconnect from any external power sources.




TOOLS:

- [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tool](#) (1)
 - [Spudger](#) (1)
-

Step 1 — Bottom Cover



 **Disable the battery**, power down the device, and unplug the power adapter from your device before proceeding/beginning the guide.

- Loosen the six captive screws with a Phillips #1 screwdriver.

Step 2



- Remove the bottom cover with an opening tool.
- Start from the top edge near the hinge and work your way along the edge until all of the clips are unsnapped.

Step 3



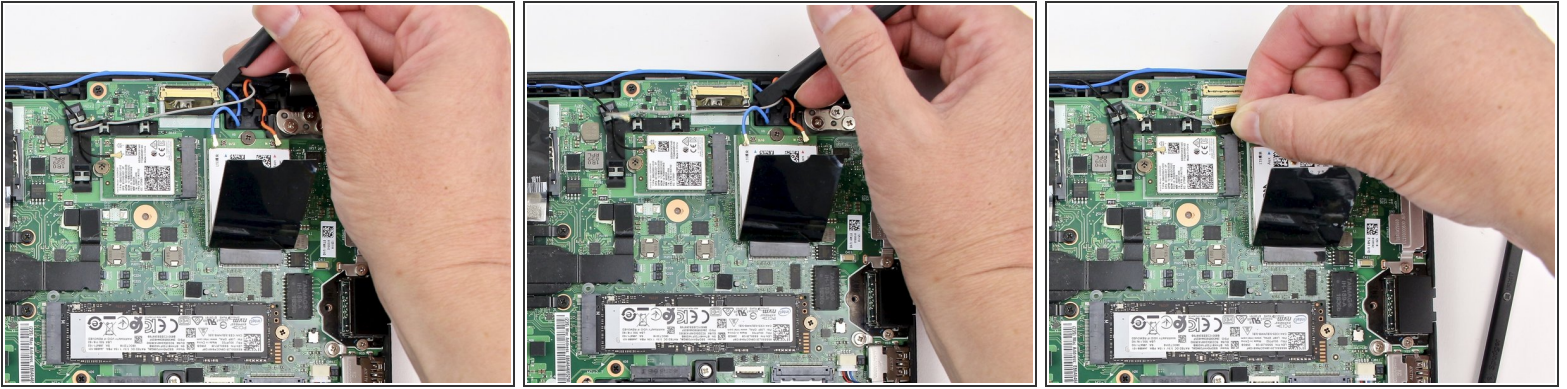
- Lift the bottom cover off.

Step 4 — LCD Assembly



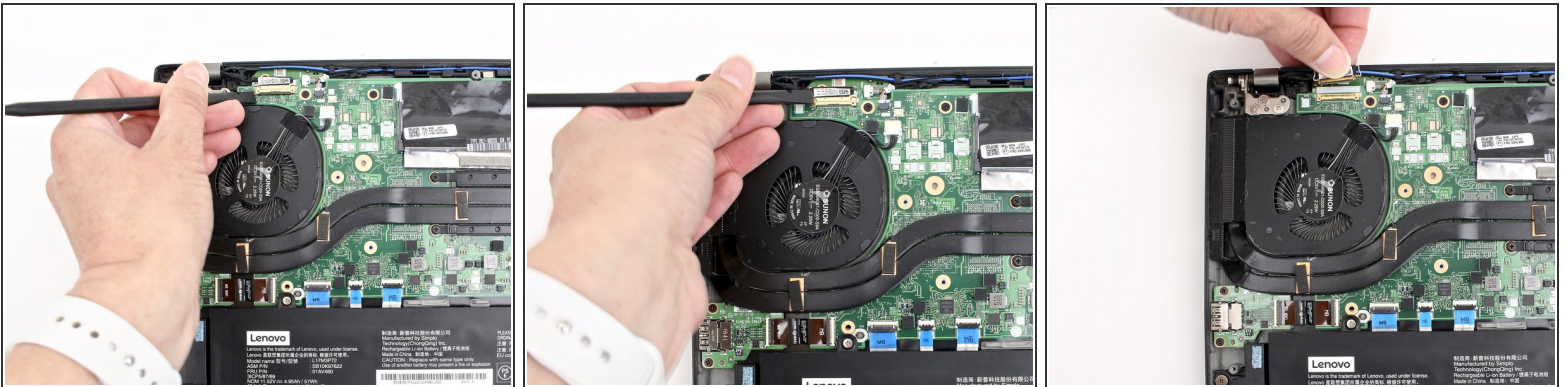
- Use the spudger to disconnect the coaxial cables from the Wi-Fi card and WWAN card.
- ✦ When reassembling the Wi-Fi card, reattach the black wire closest to the screw and the gray wire on the other side of the black wire. With the WWAN card, reattach the blue wire on the left and the orange wire on the right.
- i There are also small color coded arrows on each card that match the corresponding wires, to make sure you connect to the correct spot.

Step 5



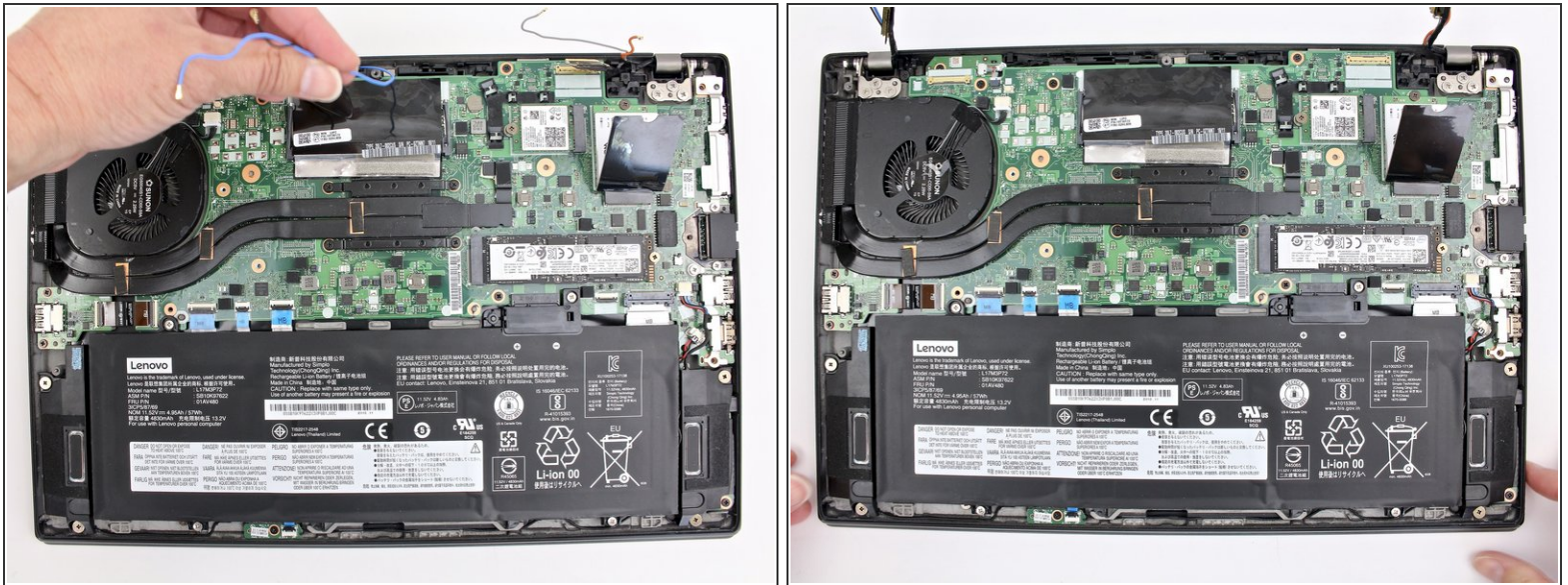
- Use the spudger to disconnect the LCD cable from the motherboard.

Step 6



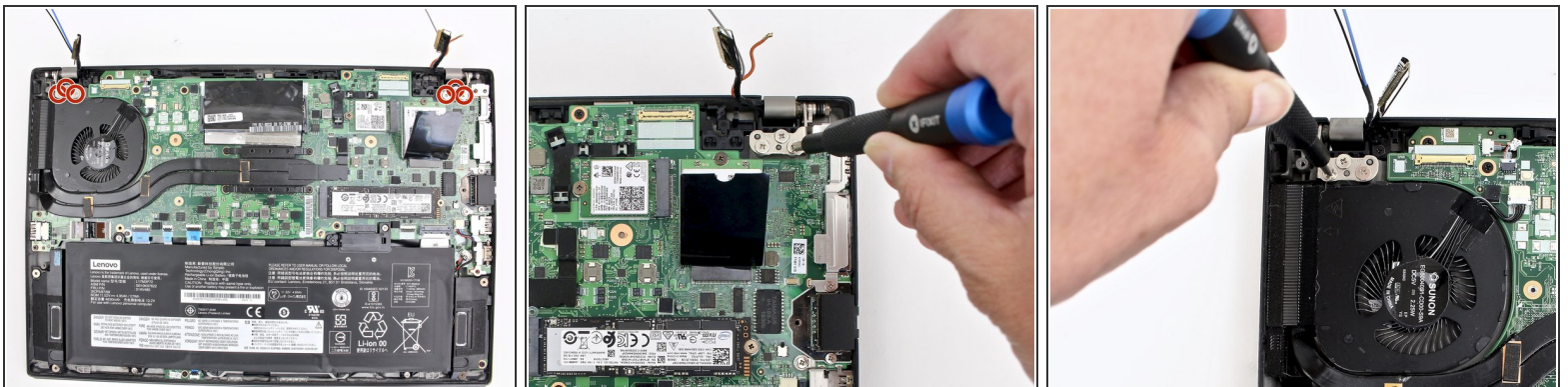
- Disconnect the camera cable from the motherboard using a spudger.

Step 7



- Remove all antenna cables from their routing.

Step 8



- Using the Phillips #1 screwdriver, remove three 5 mm screws from the left hinge and three 5 mm screws from the right hinge.

Step 9



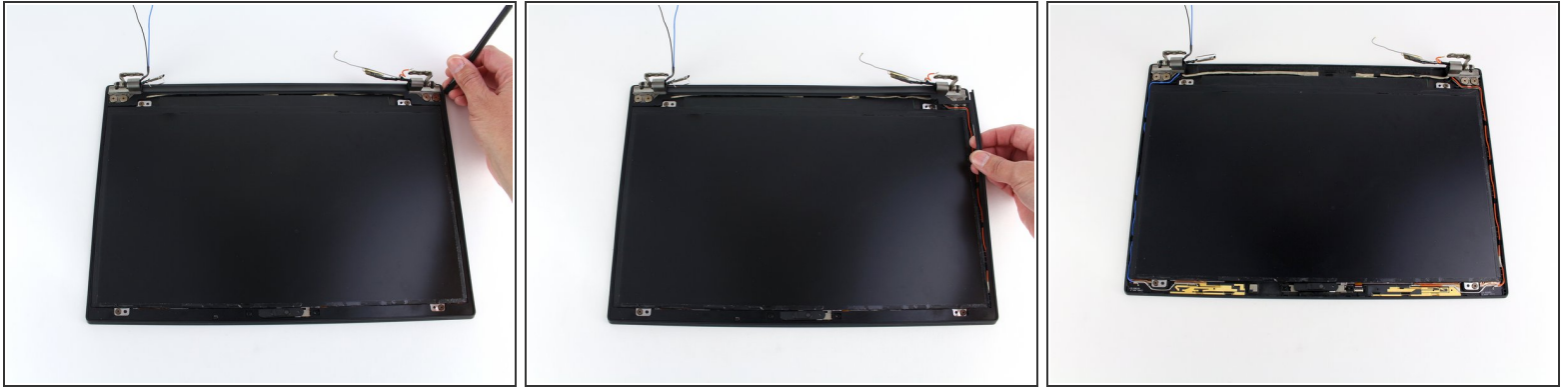
- Carefully rotate the hinges upward and remove the bottom of the machine from the LCD unit.

Step 10 — LCD Bezel



- Using the spudger, pry the LCD bezel up from the edges starting near the hinges.
- ⓘ It is attached by adhesive so be careful not to break it. You may hear loud snaps when detaching the clips; this is normal.

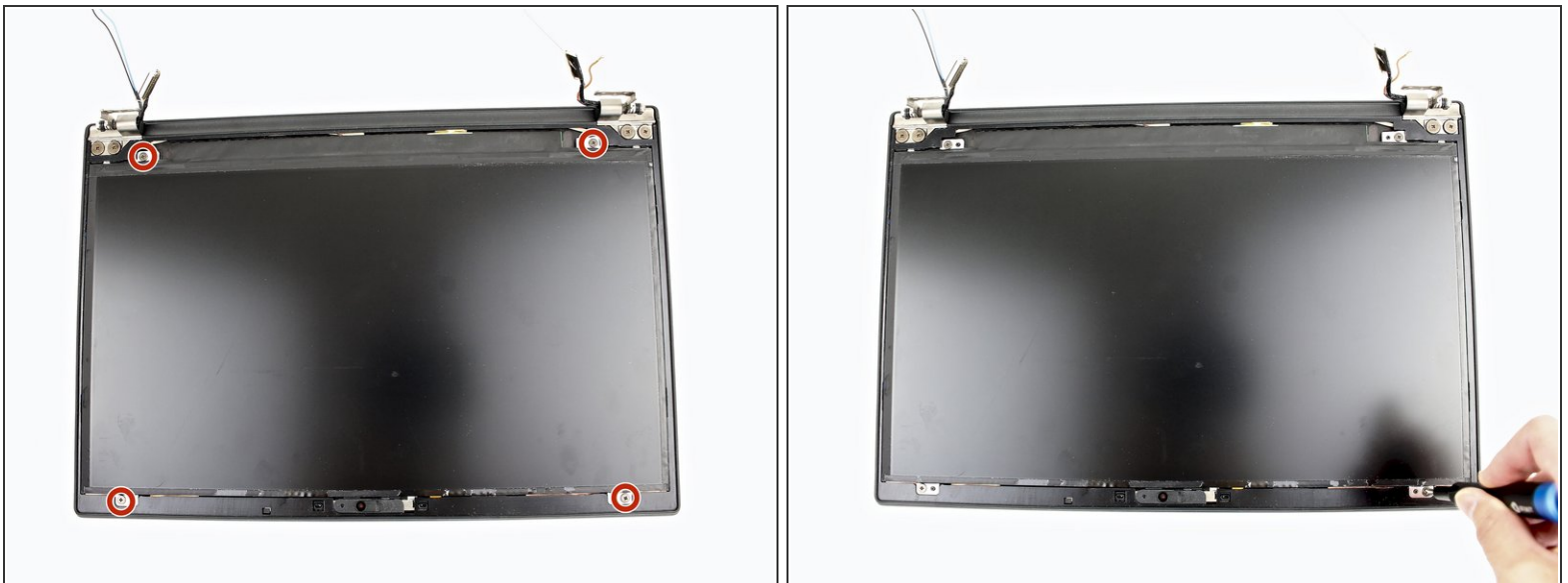
Step 11



- Use the spudger to remove the internal bezel.
- Start at the corner by the hinge and lift the edge of the internal bezel up with the pointed end of the spudger.
- Hold the internal bezel with your fingers and work your way around the perimeter of the screen carefully pulling the bezel up.

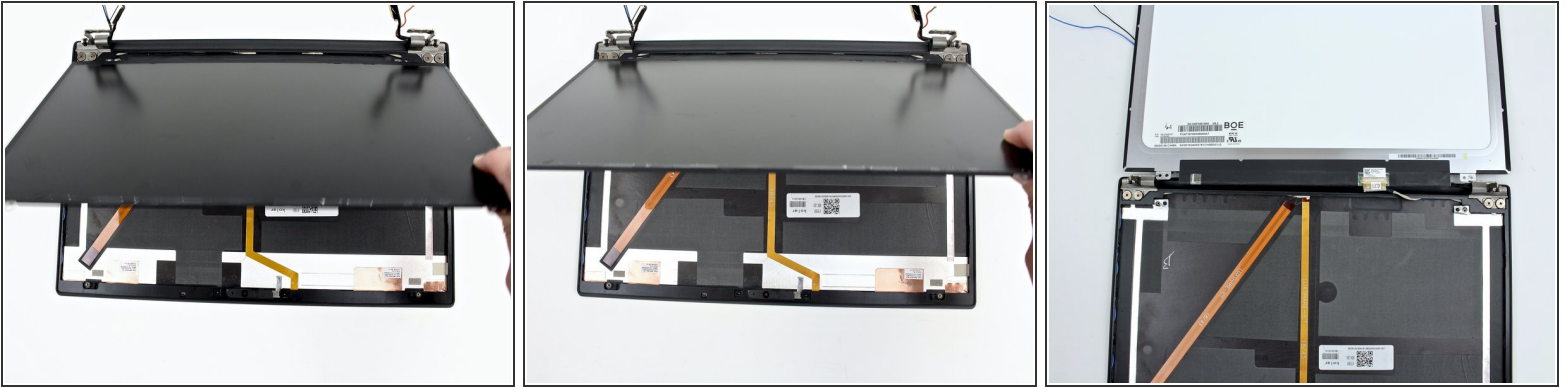
⚠ You will feel resistance and hear snapping as you remove the bezel because it is connected with clips. Be careful that you don't crack the bezel. The plastic is delicate in places.

Step 12 — LCD Panel



- Remove four 2.9 mm screws from the LCD panel using the Phillips #1 screwdriver.

Step 13



- Gently lift the panel and flip it over.

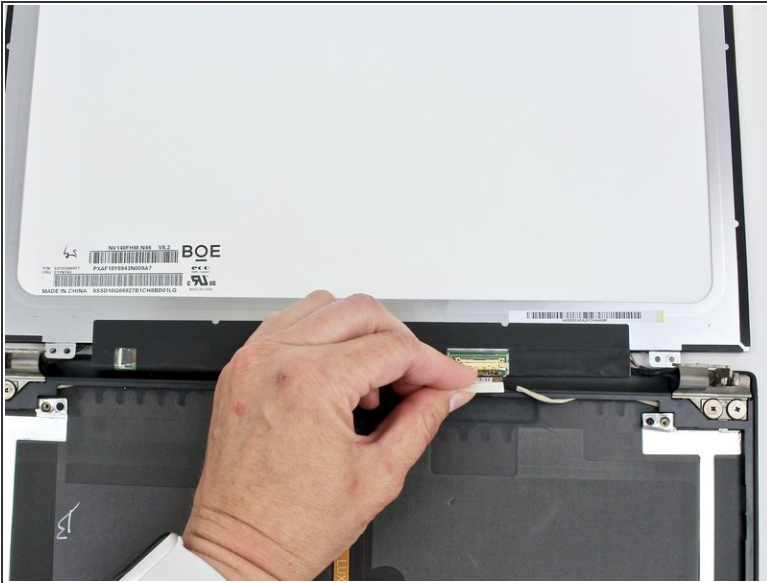
⚠ The panel is still connected to the unit by the LCD cable so be careful not to rip the connector when flipping it over.

Step 14



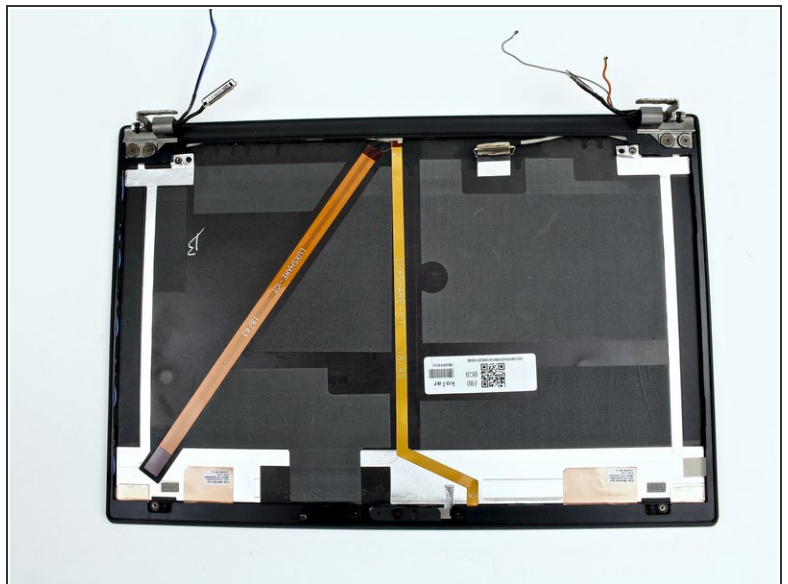
- Peel back the tape covering the LCD cable connector.
- Use the spudger to unlock the LCD cable.

Step 15



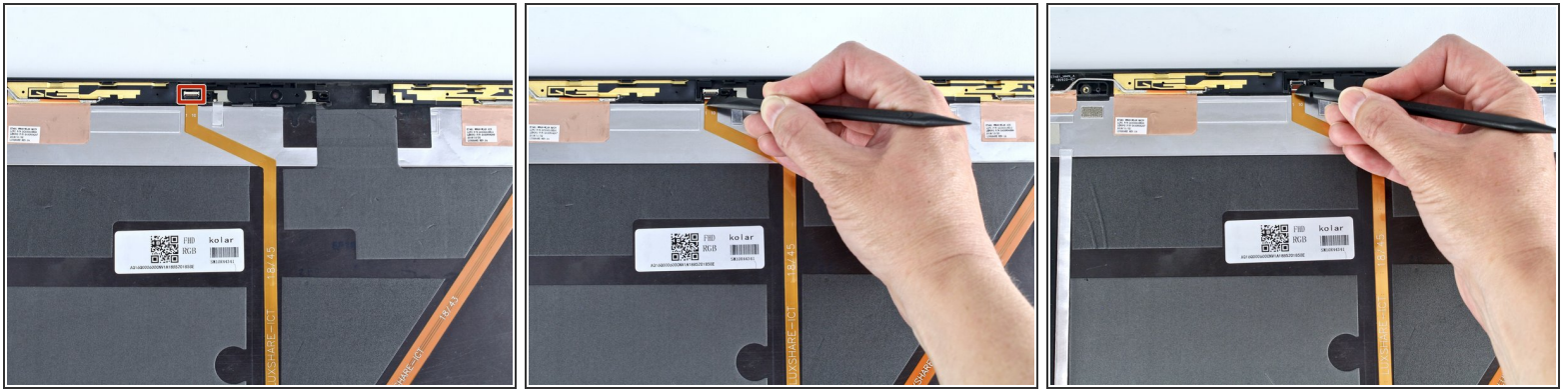
- Remove the LCD cable from the socket.

Step 16



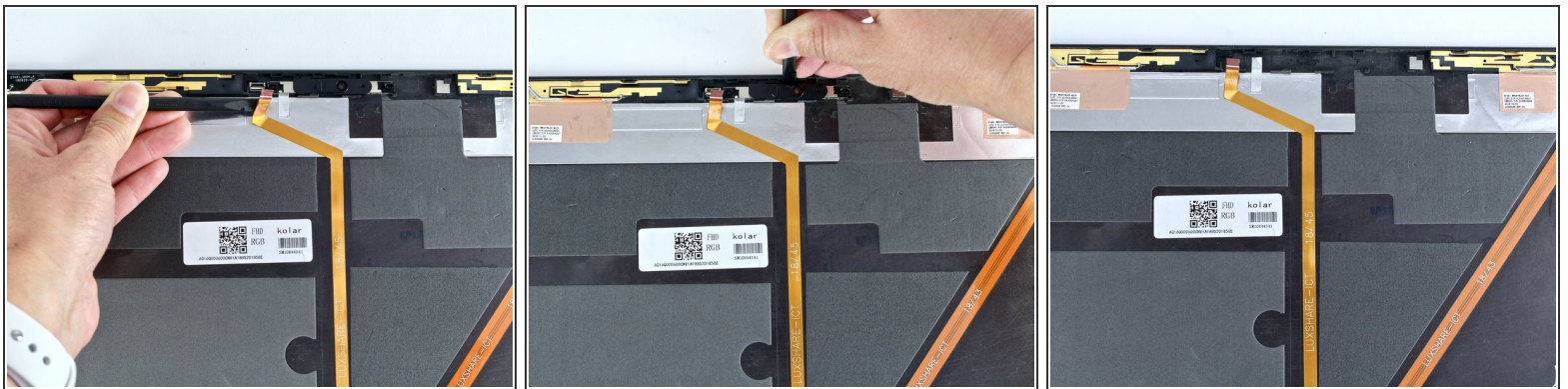
- Remove the LCD panel from the system.

Step 17 — Camera



- Using a spudger, disconnect the cable from the camera.

Step 18



- Use a spudger to pry the camera up from the LCD Unit.

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

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Try some [basic troubleshooting](#), or ask our Answers community for help.