



# Panasonic Toughbook CF-29 Touchscreen Replacement

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# INTRODUCTION

This guide will take you through the steps of removing the touchscreen.



## TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [T6 Torx Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)



## PARTS:

- [13.3" PC Laptop LCD LTD133ECKF](#) (1)

## Step 1 — Battery



- Locate the bay door for the battery on the left side of the laptop.

## Step 2



- Slide the latch to the right and then down to unlock it.
- Pull out the battery.



## Step 3 — Touchscreen



- Remove the four hinge screws from the back of the computer.

## Step 4



- Open the laptop and remove the four indicated screws with a Phillips size 0 screwdriver.
- Pry off the plastic strip which was previously held in place by the screws.

## Step 5



- Remove the four hinge screws to allow the hinges to rotate up and move.

## Step 6



- Remove 16 screws from the top of the closed laptop.
  - 12 Phillips size 1 screws
  - 2 Phillips size 0 screws
  - 2 Torx size 6 screws (T6)



## Step 7



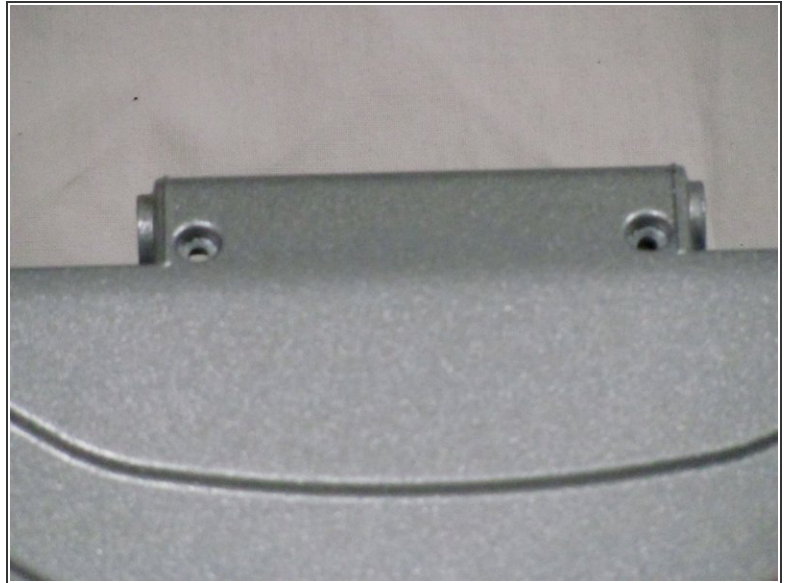
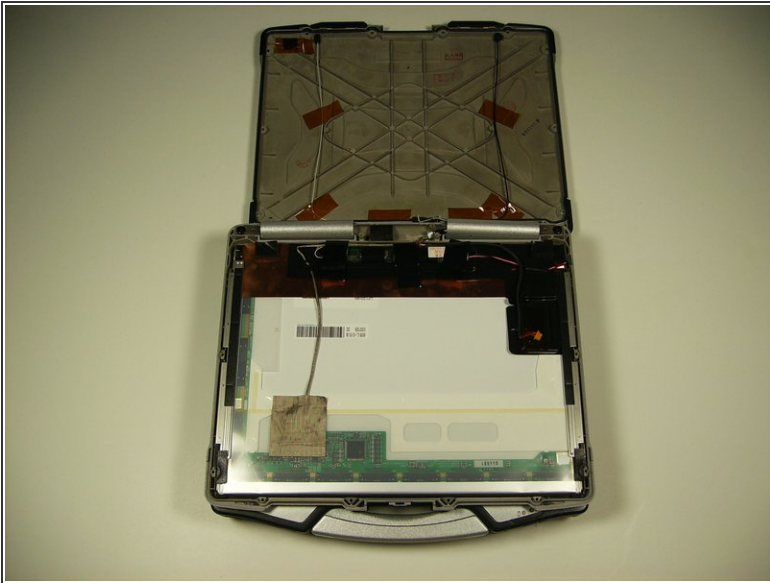
- Gently break the adhesive seal between the front and rear display cases with a plastic opening tool.
- ① You will need to reapply the silicon adhesive during reassembly to ensure watertight seal.

## Step 8



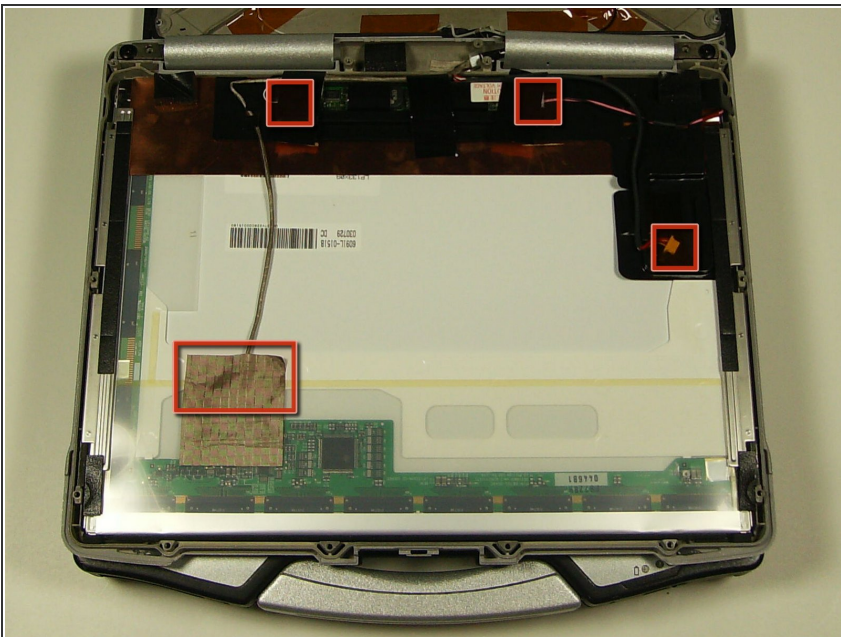
- Pull the top halve of the casing up revealing the inside of the screen

## Step 9



- The top half of the case can be removed by sliding the tabs out from under the hinges.
- This makes unplugging the screen wiring much easier

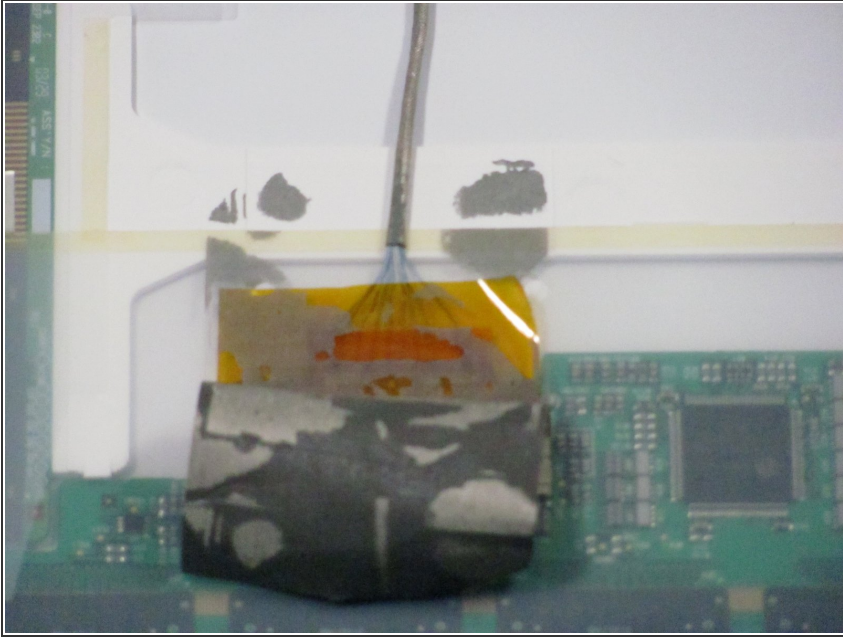
## Step 10



- There are 4 wires that need to be unplugged to remove the screen.

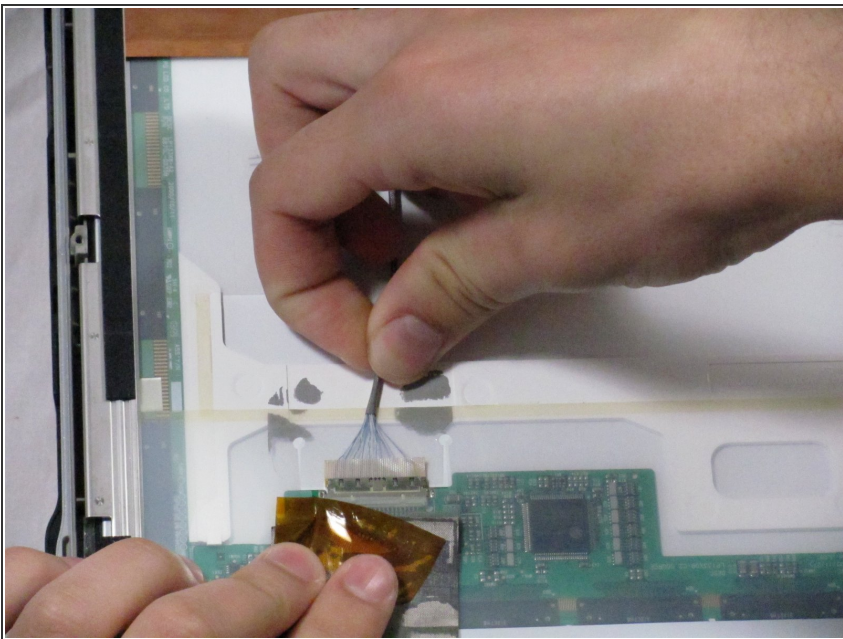


## Step 11



- For the first wire, peel back the silver cover tape to reveal the connection.

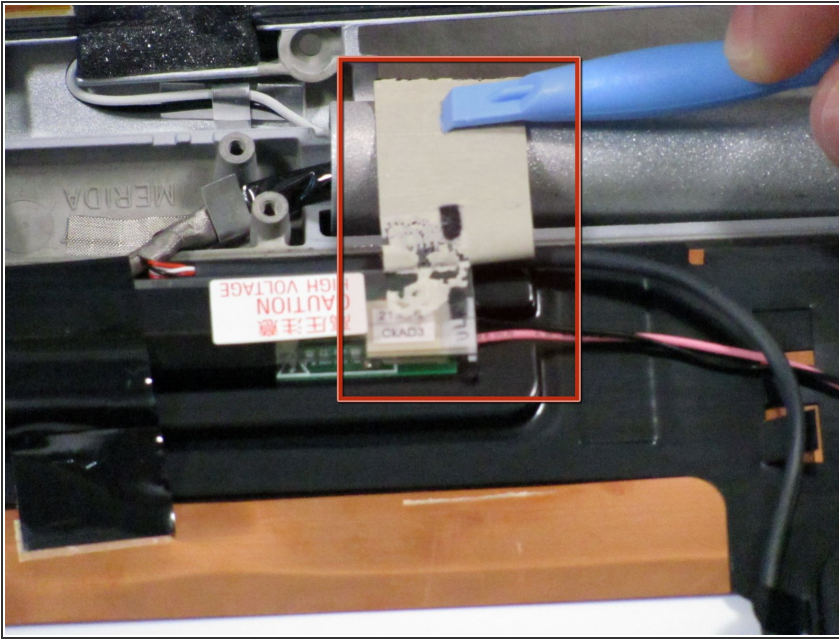
## Step 12



- Pull the wiring away from the connection to release it.

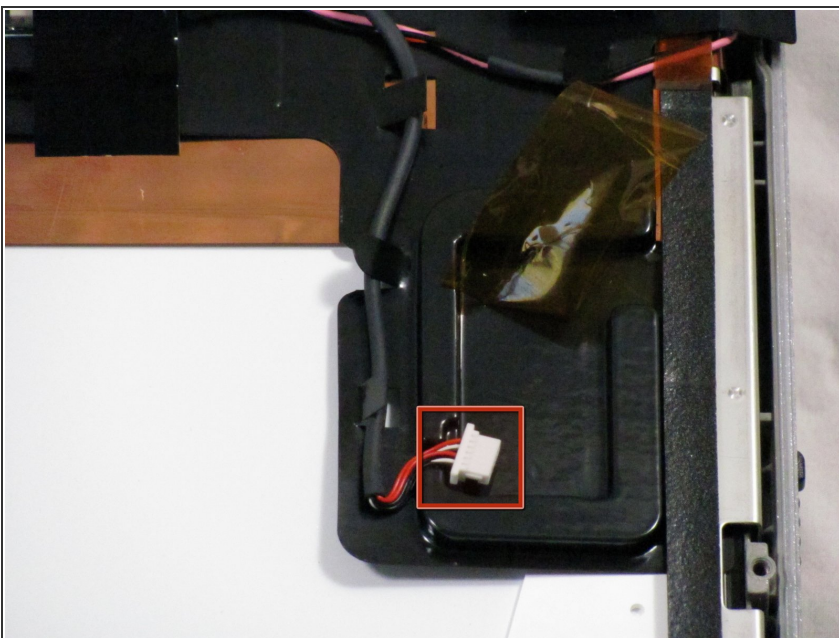


## Step 13



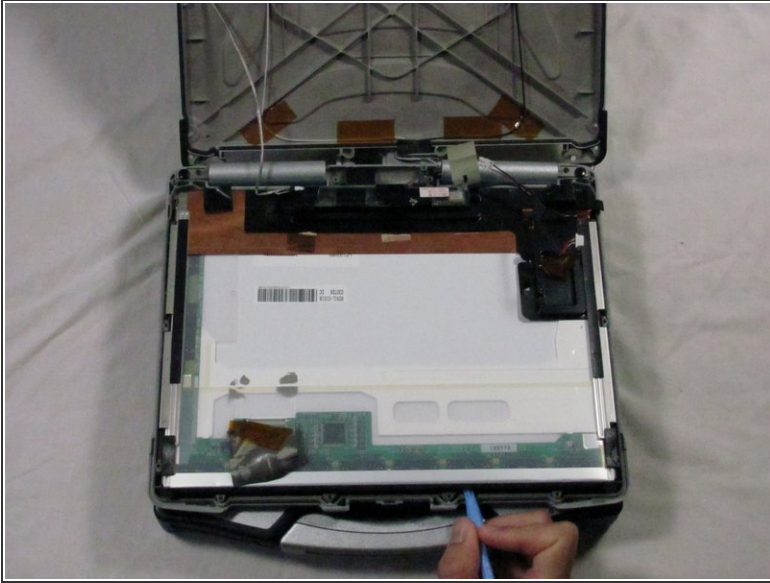
- Remove the 3 strips of black tape as shown to reveal connections 2 and 3.
- Pull the wiring for each away from the connections to remove.

## Step 14



- The 4th connection is already visible.
- ⓘ Depending on your model it might not be plugged into anything. If it is, remove it the same way the other 3 connections were removed.

## Step 15



- Using a plastic opening tool, lift the screen as shown from the case and pull free.

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