



# Disassembling Asus Transformer Pad TF300

Tips to disassemble your TF300. Will hopefully help you not make a couple of the mistakes I did.

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## INTRODUCTION

I did this to replace part of the screen assembly.

It's not as detailed as it should be, but I hope it will help you out a bit /give you an idea of what you are doing.

Make sure to read the entire guide before starting to give yourself an idea of what's where etc.

There are several fragile connectors and ribbon cables. You also do not want to pry the copper heatsink off of the processor.

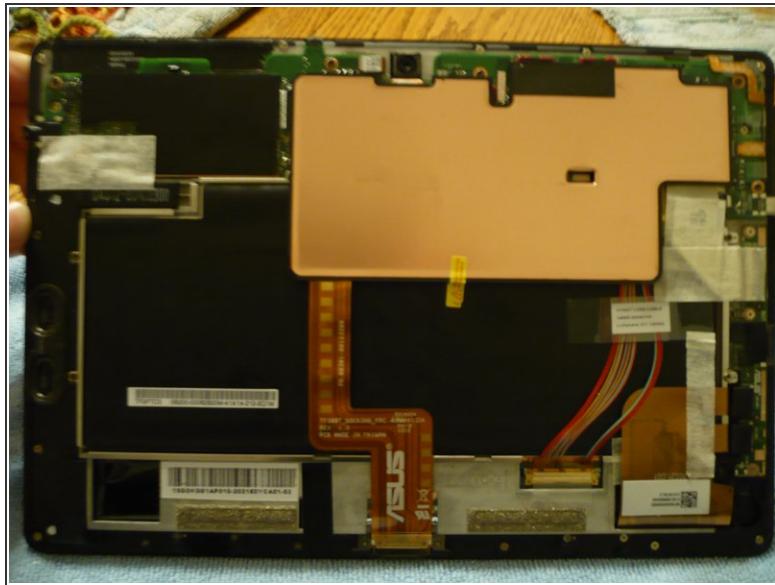
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## TOOLS:

- 2.5 mm Flathead Screwdriver (1)
- Phillips #0 Screwdriver (1)
- "Blade" type tool to help separate LCD from digitizer (If you are doing that) (1)

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## Step 1 — Tablet



- Case back removed from tablet
- Remove the back with your fingernails, popping it open between the black border, and the plastic backing.
- Be careful near the buttons and headphone jack.

## Step 2



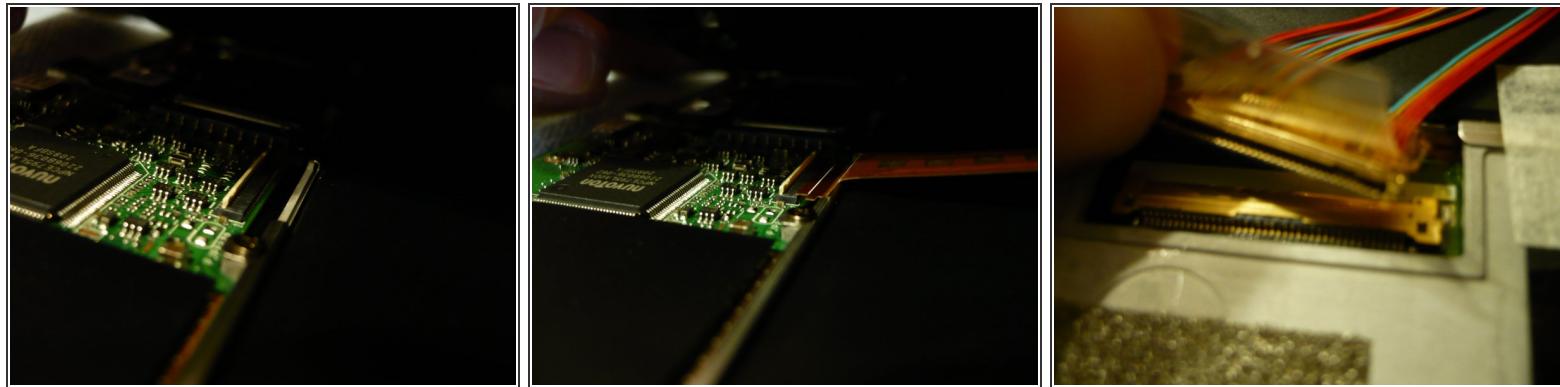
- Start by taking the screws from around the frame off.
- Then remove the screws from this PCB
- If you are replacing screen components, skip to step 7
- Remove the little foam pads from the two connectors on the PCB These are for the digitizer
- Flip up the releases on the plugs to pull out the ribbon cable. (I will show some more detailed pictures of the same process on other connectors.

## Step 3



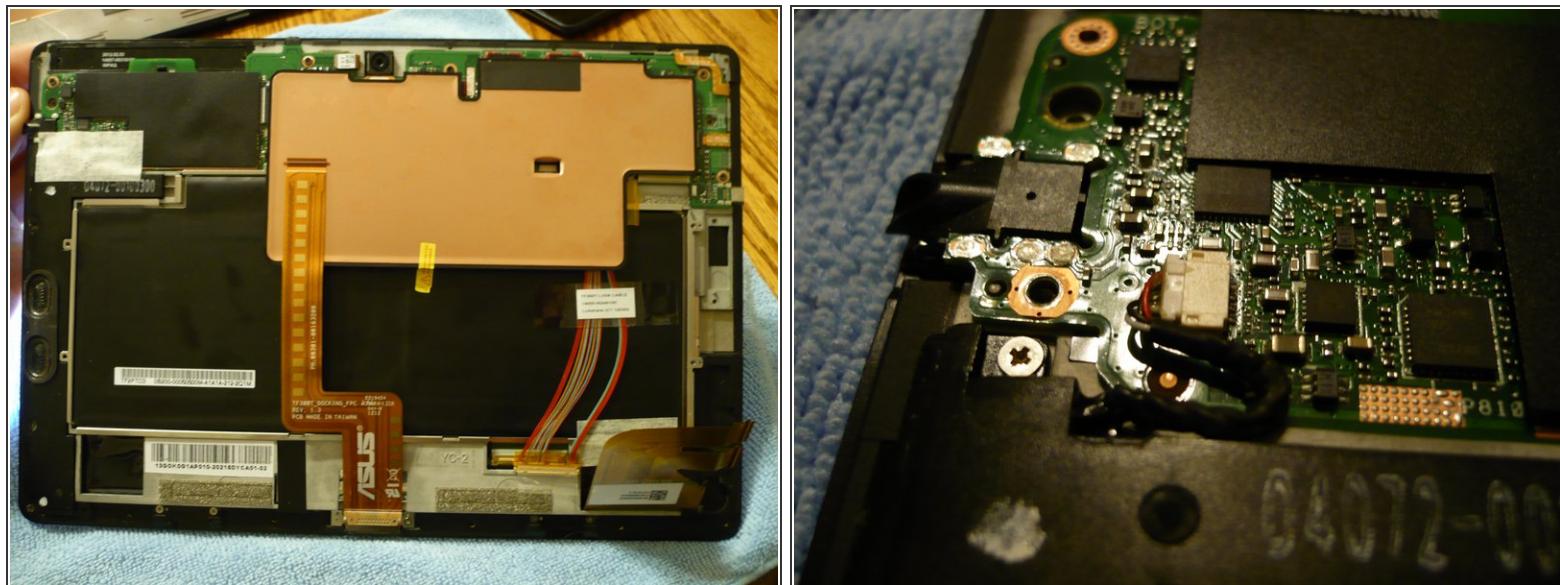
- Note the large copper heatsink. DO NOT pull this off.
- There are a couple connectors underneath you will have to detach. They have flip up releases, hopefully you can see it.

## Step 4



- First two are under the copper plate.
- Next is at the bottom of the tablet.

## Step 5



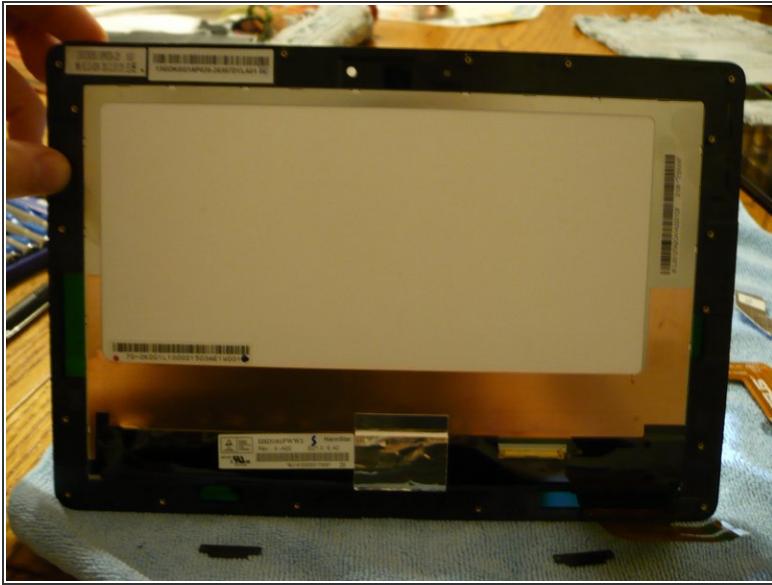
- Overview
- Disconnect Sound connector.
- Unscrew remaining PCBs
- carefully unplug battery connector (under copper plate)

## Step 6



- You'll have to (CAREFULLY) pop the power button (and maybe volume button) out of place so you do not rip the ribbon cable when removing the PCB. I used a tiny flat-head screwdriver.

## Step 7

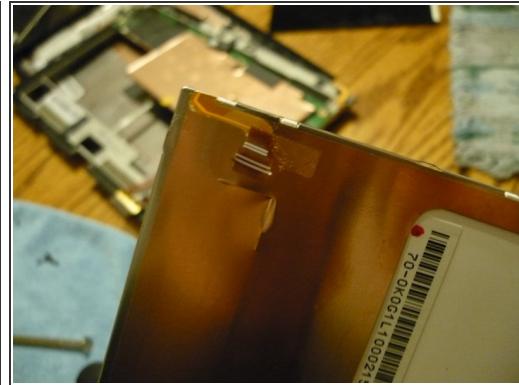


- Pic 1 - PCBs removed. Screen assembly and frame only.

**⚠** The screen is only held on with some adhesive so (CAREFULLY) pry them apart. Using a heat gun to loosen the adhesive is HIGHLY recommended to avoid cracking the LCD while separating. The adhesive runs around the entire LCD frame. It's the adhesive that holds the LCD to the digitizer, not the metal frame. Try not to pry against the screen.

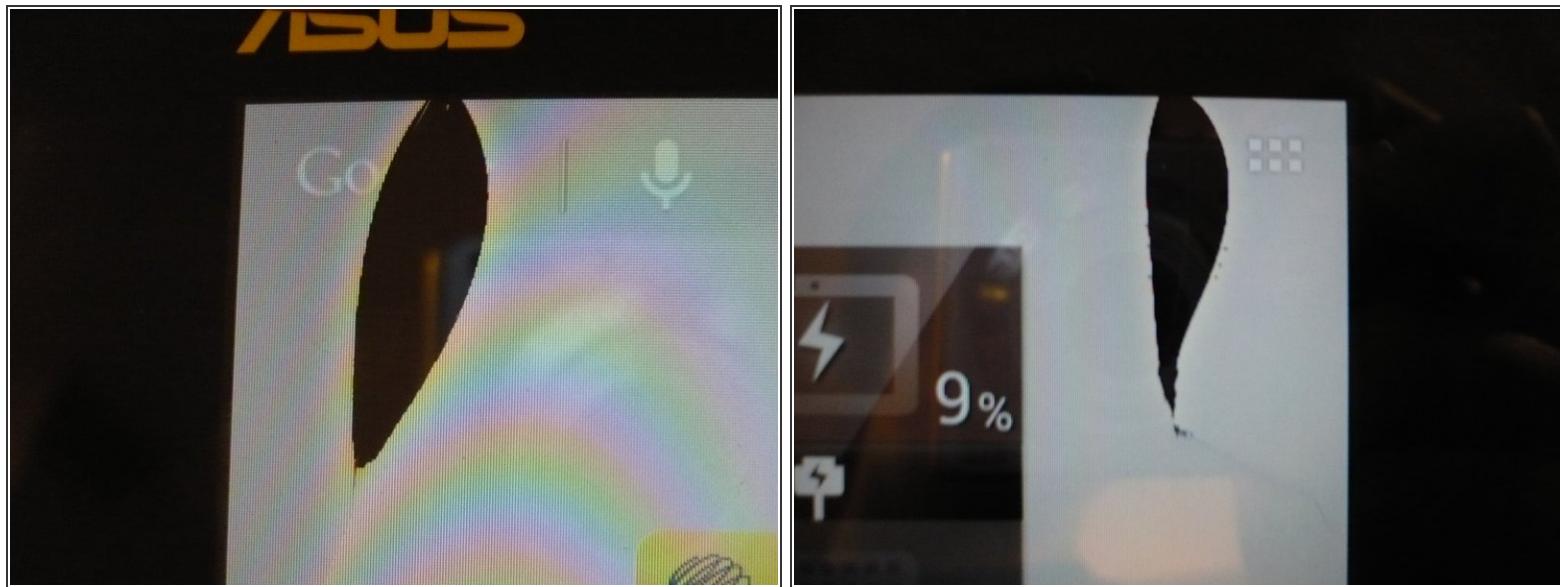
- Pic 2 - Screen assembly only.
- Carefully peel silver tape off of black tape.
- Starting at the right (in the picture) peel up the black tape. Be careful! The power ribbon cable for the backlight is hidden under at the left side. See next step for location of connection.

## Step 8



- Pic 1 - LCD (left) backlight panel (right)
- Pic 2 - LCD PCB, note backlight connector at right
- Pic 3 - Backlight panel connector.

## Step 9



- Be careful when removing LCD and when reassembling tablet. not sure when it happened, but apparently I was not careful enough when putting it back together, and this happened. Works perfectly fine otherwise. (Heat gun was not used).

**⚠** It's best to remove all of the adhesive residue from the LCD if you are going to re-use the LCD. Then apply new double sided adhesive (the rubberized kind) for a good "permanent" seal.

- i** Be aware there are several different digitizers used in these tablets. If you purchase a replacement digitizer you must get the exact matching part or your digitizer won't work properly.
- i** There are also several different revisions of LCD's. Best to get the matching one to avoid any potential problems.

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

Hope this helped a bit.

I Could not find a guide, so I figured I'd make my own.