



Asus VivoTab Smart Teardown

Needed to replace a digitizer and decided to take pictures as I figured things out.

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TOOLS:

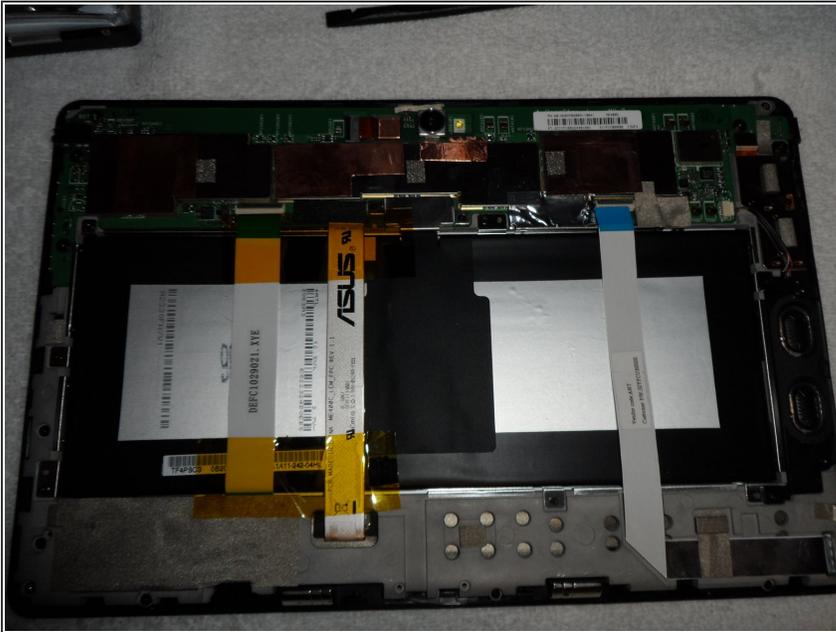
- [Essential Electronics Toolkit \(1\)](#)
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Step 1 — Back Panel



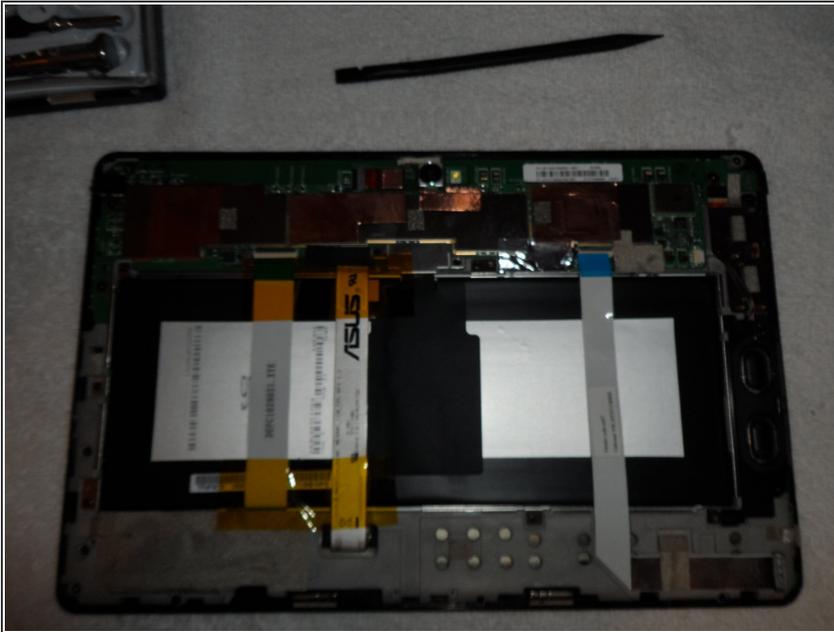
- Remove back panel with plastic spudger or other pry tool.

Step 2 — Inside the Tablet



- ⚠ Two screws hold the power connector in place. Remove these before trying to remove anything else.
- Four screws and one cable will remove the speaker assembly.
- Three screws and a pop on connector secure the micro-SD reader.
- There are several screws that hold the battery tray in place. The battery is held in with fairly strong adhesive, so I didn't try to take it out of the tray.
- Three cables are attached to the touch board. I didn't try to remove this board from the frame.
- Disconnect the four cable connectors that lay across the battery. The cables with blue tabs do not have a locking mechanism holding the cable in place.
- There are two magnets located at the bottom center. More than likely used for a case cover or for a feature not included on this tablet.

Step 3 — Inside the Tablet, Too



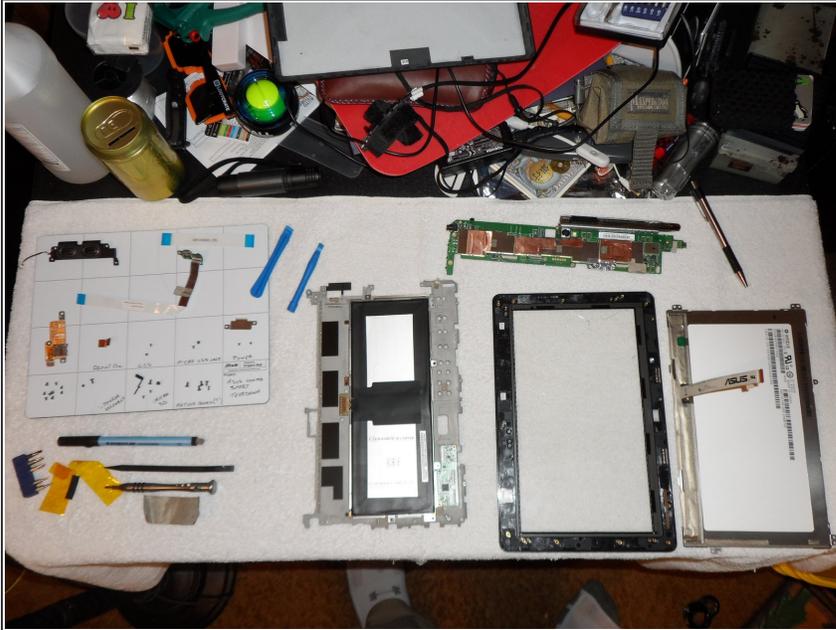
- Once the boards, speakers, and micro-SD card reader have been disconnected, the frame is left sitting on top of the LCD-digitizer.
- There are nine screws holding the frame in place.
- Remove the frame and the LCD, micro USB jack, and digitizer can be accessed.
- ☒ Take caution when removing the frame. The wire for the micro USB jack runs through the frame and needs to be walked through the holes by hand.

Step 4 — Screen



- Two screws hold the micro USB jack in place.
- Two screws hold the LSD in place.
- ☒ Take care to not touch the LSD face or the inside of the digitizer if they are going to be reused. Finger prints inside the tablet cannot be wiped off after reassembly!

Step 5 — Fully Disassembled



- All Parts laying out after disassembly.
- Please pardon the debris on the desk.