



Samsung Galaxy Tab 2 7.0 Touch Screen Replacement

This guide will demonstrate how to replace the digitizer (touch screen) of the Samsung Galaxy Tab 2 7.0.

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INTRODUCTION

How to replace the touch screen digitizer. Do not attempt unless touch screen is beyond repair as it will crack upon removal.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Magnetic Project Mat](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Precision Tweezers Set](#) (1)
 - [Spudger](#) (1)
 - [iFixit Opening Picks set of 6](#) (1)
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Step 1 — Preparing Your Device



- Power the device down completely
- Remove the SD card from the SD card slot.

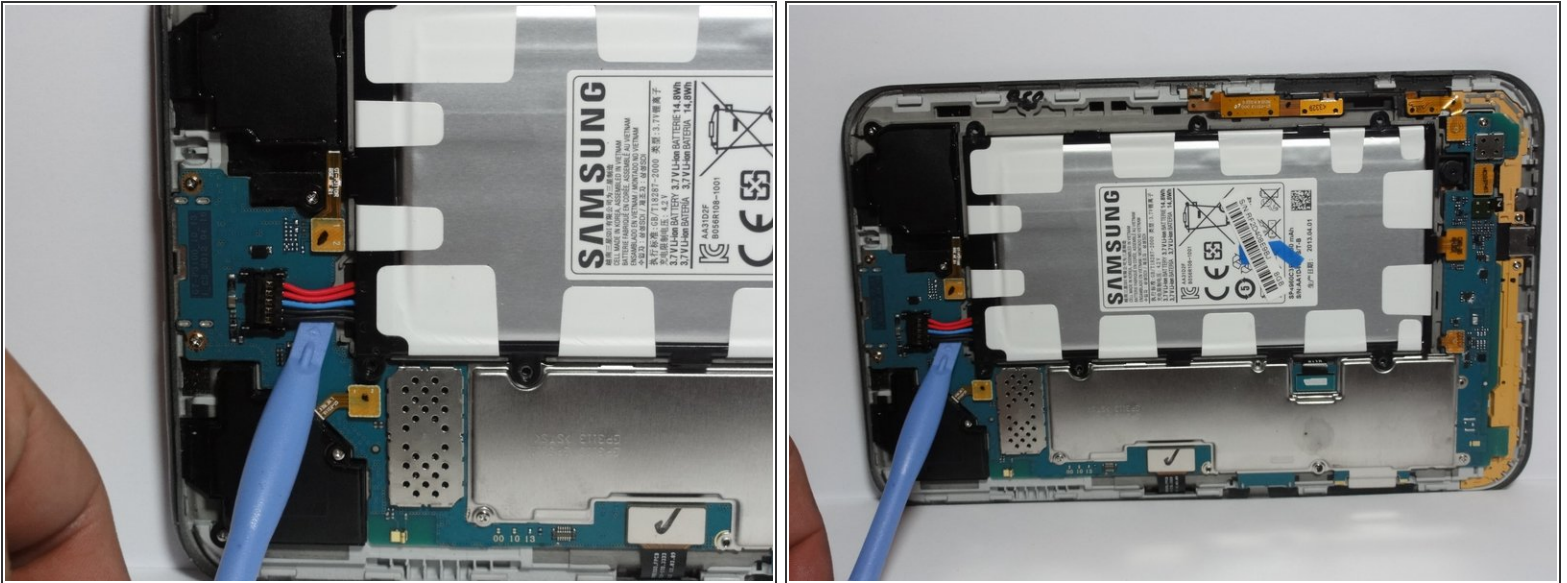
Step 2



- Use the prying tool to separate the front and rear panels by slipping the tool underneath the screen edge and sliding it around the entire device.

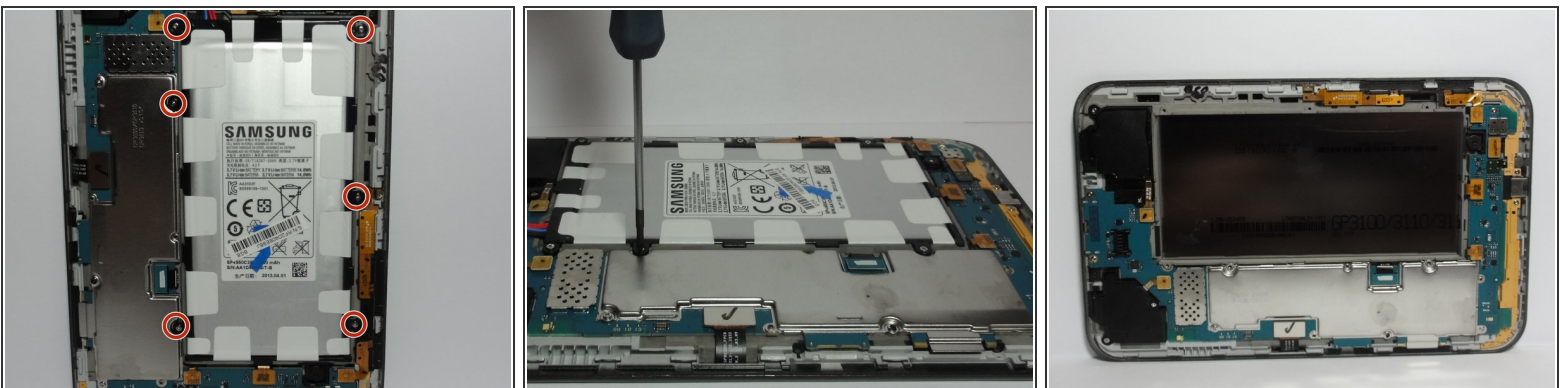
 Be sure to unclip all of the clips on the back panel or it will be difficult for you to pull it off and may damage the tablet.

Step 3



- Remove the battery Flex Cable from its socket by placing the pry tool under the wires and gently prying it out.
- ⓘ When you are placing in the new battery, it helps to connect the socket first or else it becomes difficult to properly align once the battery is in place.

Step 4



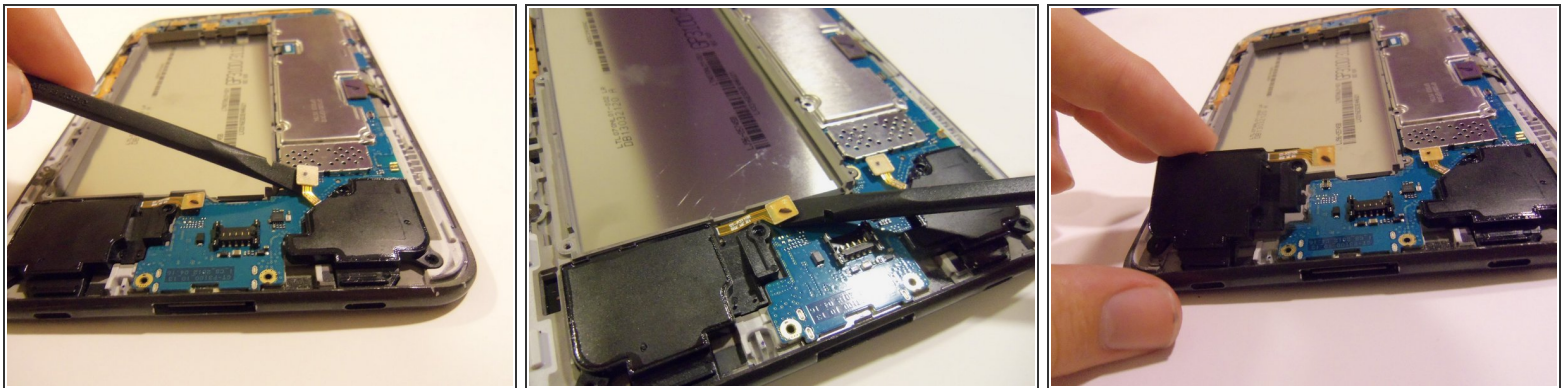
- Using the Phillips precision screw driver remove the six 4 mm screws holding the battery in place.
- Once the battery is loose, remove as shown.

Step 5 — Motherboard



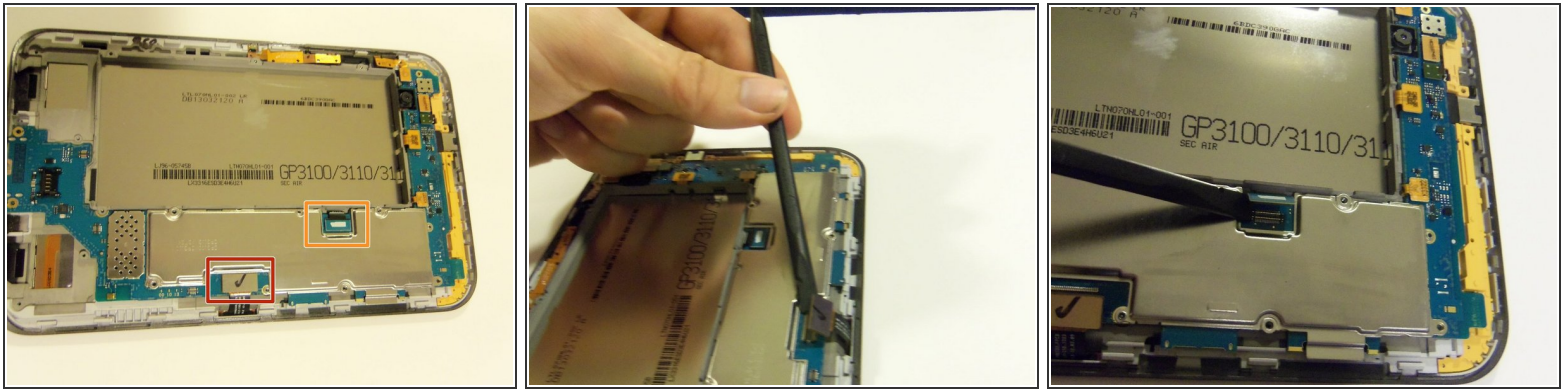
- Using the Phillips #00 precisions screwdriver, remove the 12 4mm screws holding in the motherboard.

Step 6



- Release all flex cable connections at the bottom section of the motherboard.
- Using the plastic pry tool release connections for both loudspeakers.
- Once disconnected gently remove the loudspeakers from the device.

Step 7



- Release all flex cables on the right side of the device motherboard as shown.
- Using the plastic pry tool, release the touch screen flex cable from its socket.
- With the same tool release the LCD screen flex cable from its socket.

Step 8



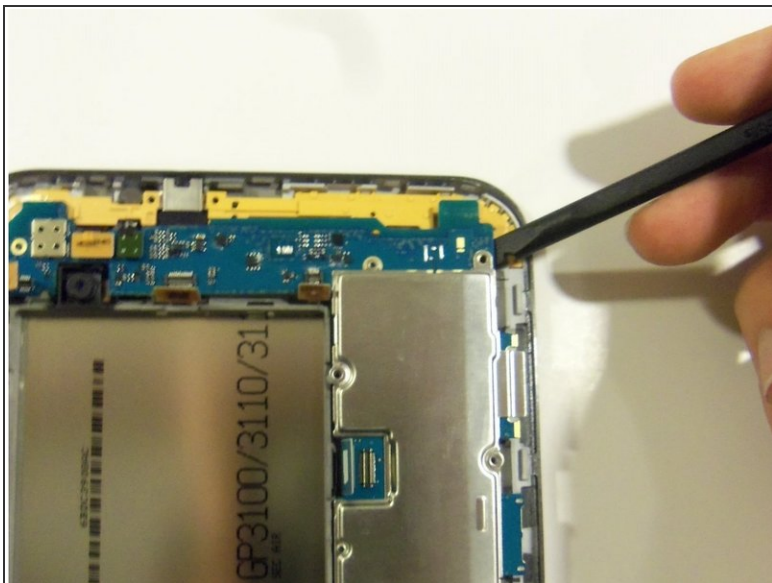
- Release all flex cables on the upper portion of the motherboard.
 - Using the plastic pry tool release the sensor flex cable from its socket.
 - With the same tool release the camera flex cable from its socket.
 - Release the front camera flex cable from its socket.
 - Release the side button's flex cable from its socket.

Step 9



- There is one more Flex cable to remove, it's to the right of the front camera connector (see previous picture with connector highlighted in yellow box). It connects the top microphone and headphone jack.

Step 10

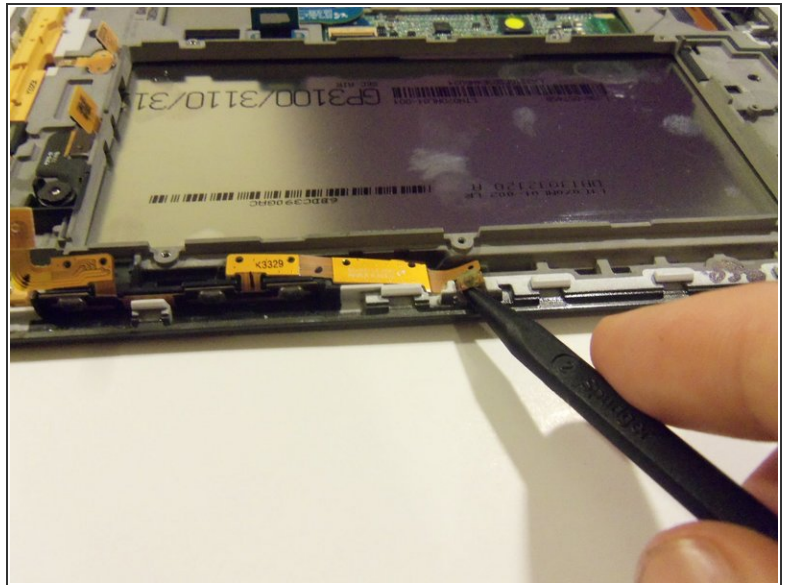


- Gently remove the motherboard from the device.

⚠ Be sure no flex cables get caught on the motherboard while you are removing it or the flex cables may become damaged.

ℹ It is easier to begin lifting the motherboard from the top rather than the bottom.

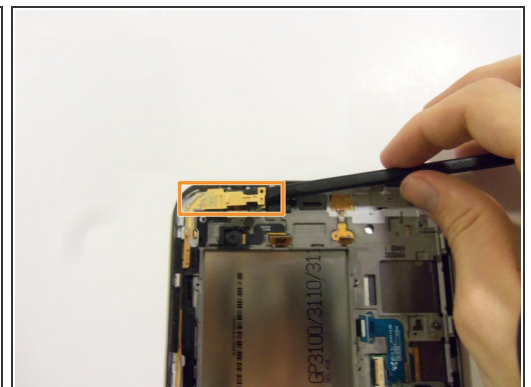
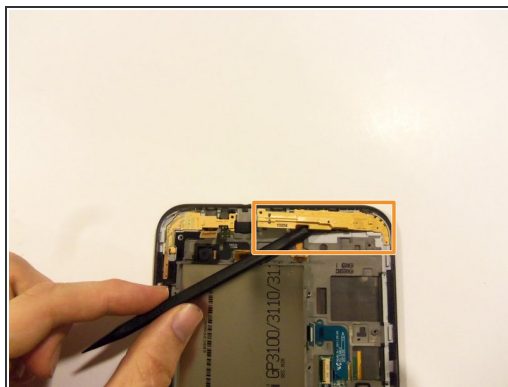
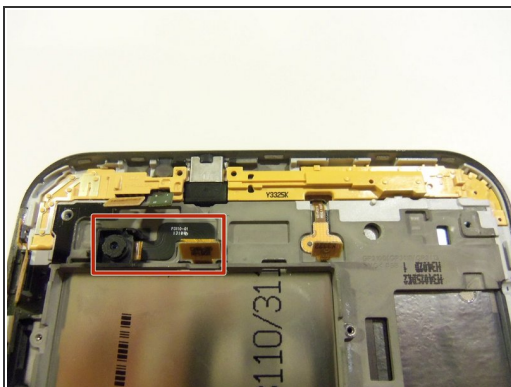
Step 11 — Touch Screen



- Release the button flex cable using the plastic spudger tool.

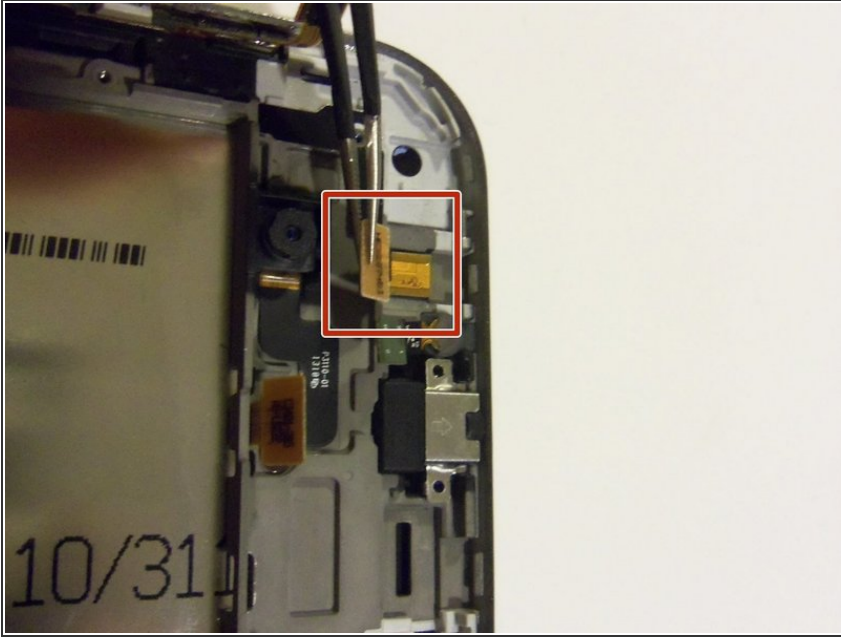
⚠ Be careful when removing the flex cable due to how small the button flex cable is and the strong adhesive that holds it in place.

Step 12



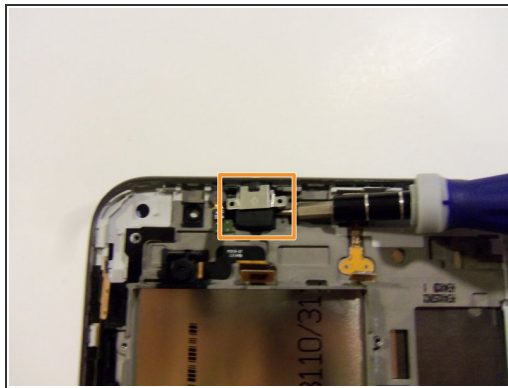
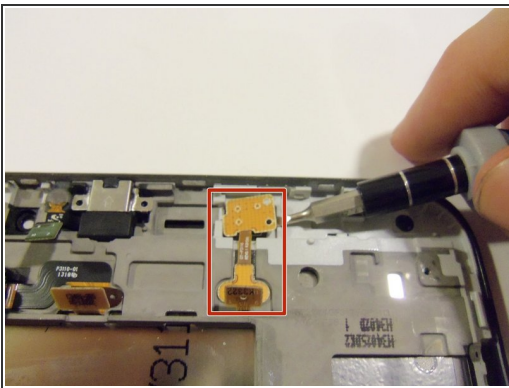
- Remove the main camera using the plastic spudger tool.
- Using the plastic spudger tool, remove the two main spacers.

Step 13



- Remove the front facing camera using the precision tweezers.

Step 14



- Remove the sensor flex cable using the flat-head screwdriver.
 - Remove the cover that is over the headphone jack using the precision flat-head screwdriver.
 - Remove the headphone jack using the precision flat-head screwdriver.
- ⚠ Be careful removing the headphone jack and take your time because the adhesive is very strong.

Step 15



- Place tape over the front of the touch screen to catch broken glass. The wider the tape the better.
- Heat up the touch screen in some way to release the strong adhesive.
- Using the safe pry tool, pry up the edge of the touch screen and slowly work your way around the entire device.

Step 16



- Congratulations, this is what your device should look like after the touch screen has been removed.

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