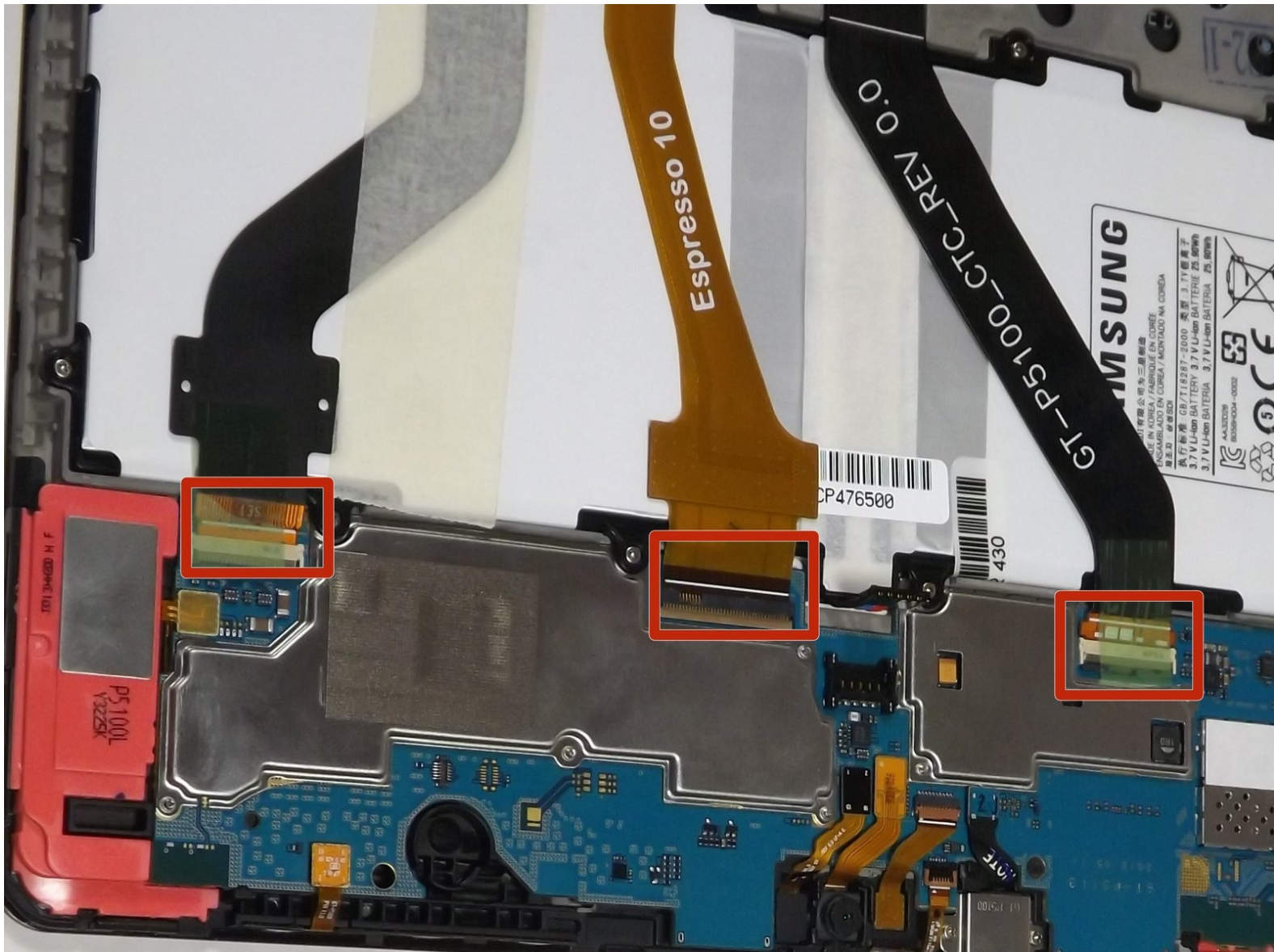




Samsung Galaxy Tab 2 10.1 Battery Replacement

This guide will show you how to replace the battery in your Samsung Galaxy Tab 2 10.1 tablet.

Written By: Daniel Rostom



INTRODUCTION

If your Samsung Galaxy Tab 2 10.1 tablet does not turn on (even after being charged) or the battery does not last as long as it used to, the battery may need to be replaced.

This guide demonstrates how to replace the battery in your tablet.

Caution: Some images display the steps using a metal spudger. Use the heavy-duty spudger instead to avoid damaging your circuits.

For more information on connectors, visit [this page](#).



TOOLS:

- [iFixit Opening Tools](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [Heavy-Duty Spudger](#) (1)



PARTS:

- [Galaxy Tab 2 10.1 Battery](#) (1)

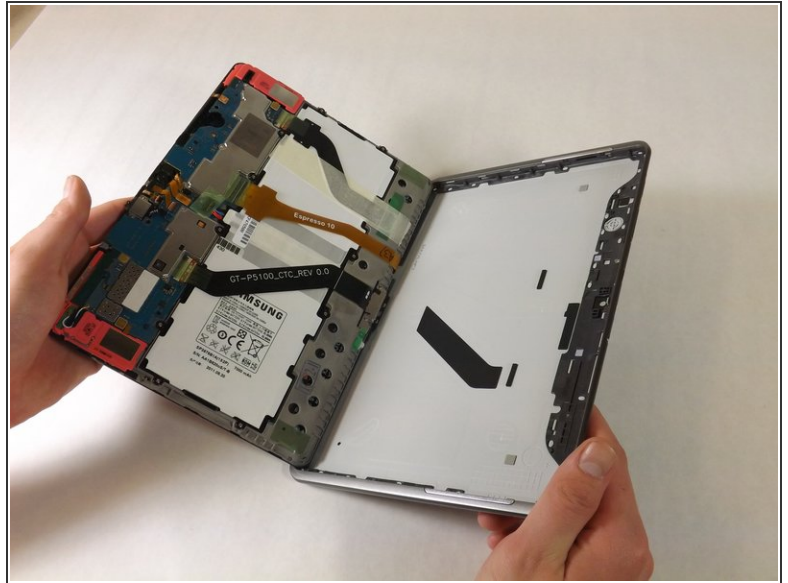
Step 1 — Back Cover



 The plastic opening tool may break during this step. You may need to use the heavy duty spudger instead.

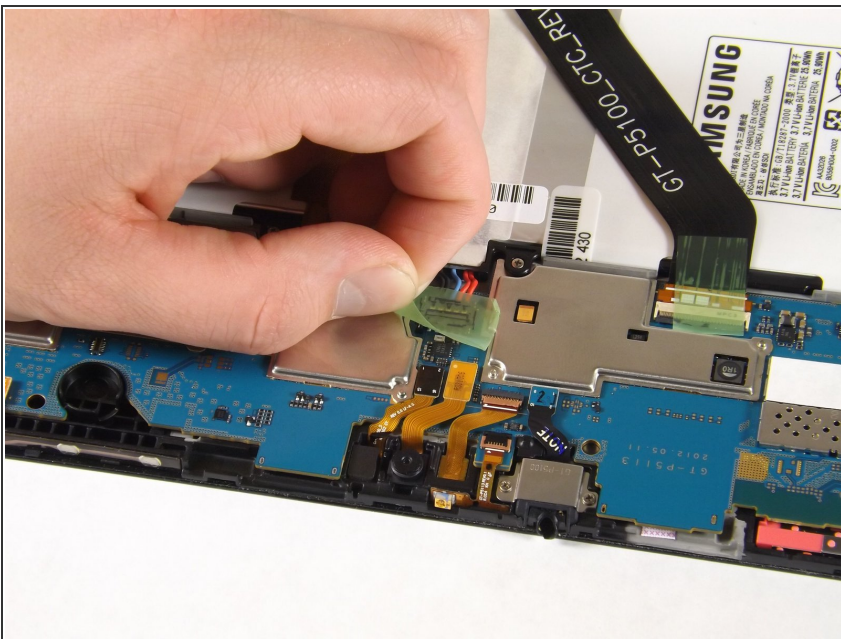
- Insert the plastic opening tool between the glass screen and the back cover so the curved end of the plastic opening tool is under the glass. Gently pry the back cover away from the glass screen.
- Be sure to lift the entire display from the body and that you are not are lifting the glass from the display. You will need to reach down a little further for the correct removal.
- Continue inserting the plastic opening tool around the whole device screen to completely separate the back cover from the glass screen.

Step 2



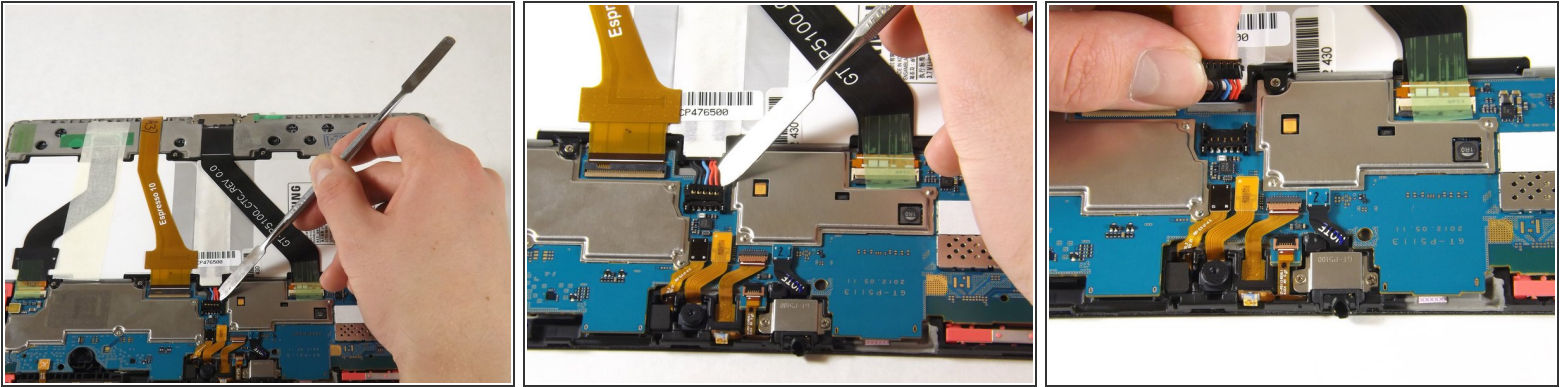
- Gently lift the screen up with your finger.
- ❗ If the screen will not separate from the back cover, try repeating step 1.

Step 3 — Battery Disconnect



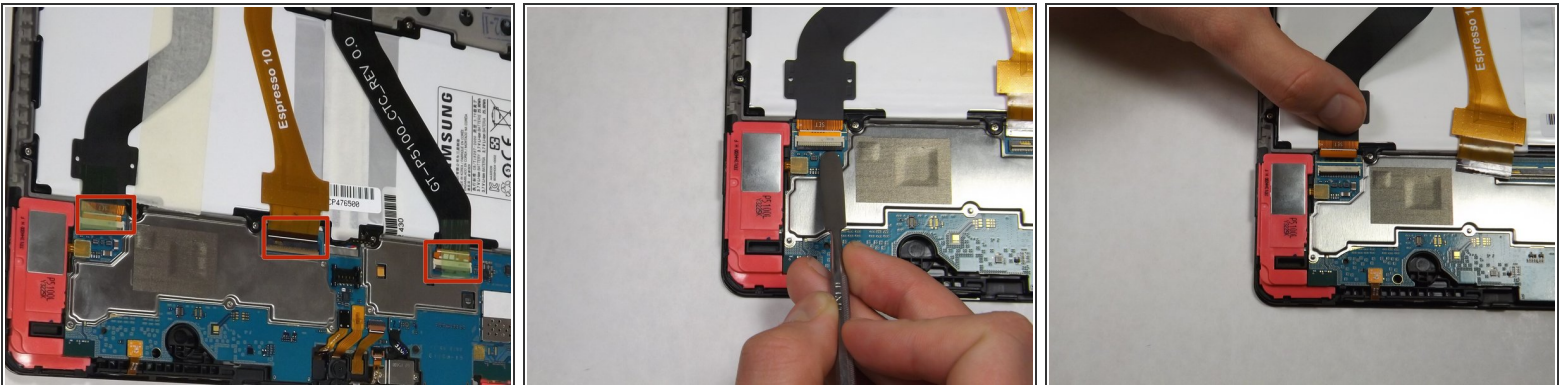
- Using your fingers, remove the green tape covering the battery connector.

Step 4



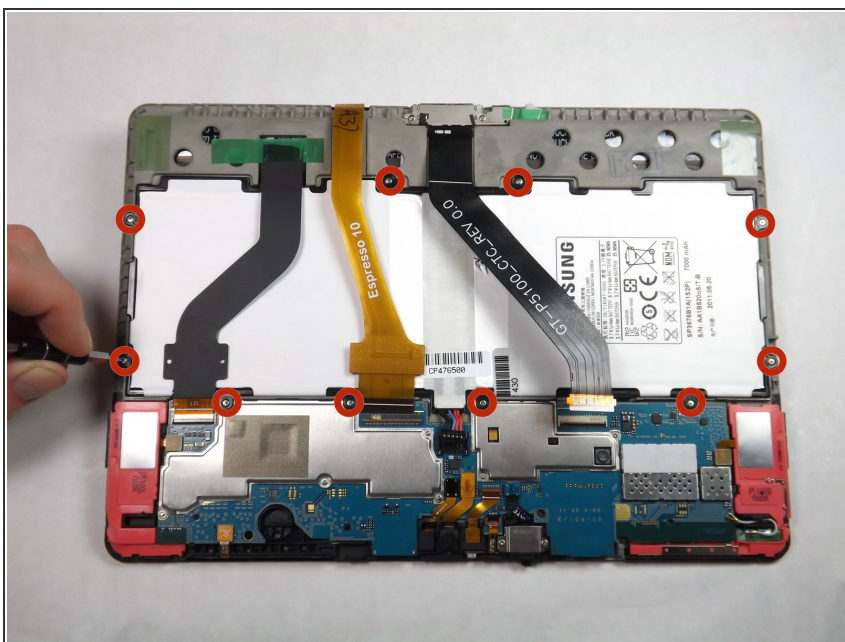
- Insert the flat end of the heavy-duty spudger between the wires and underneath the battery connector. Carefully lift the black battery connector up to disconnect it from the motherboard.
- ⚠ The metal spudger shown in the photo is not recommended due to the possibility of an electrical short. Use an ESD-safe tool, such as a heavy-duty (nylon) spudger.

Step 5 — Battery



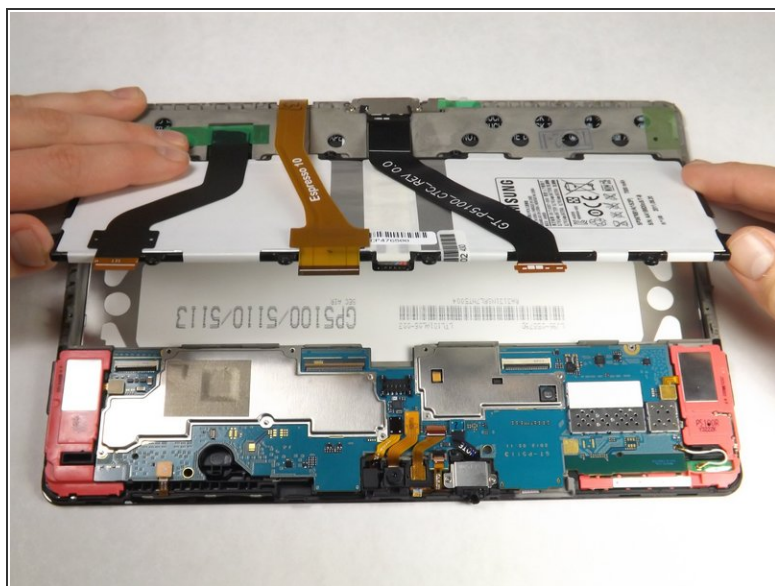
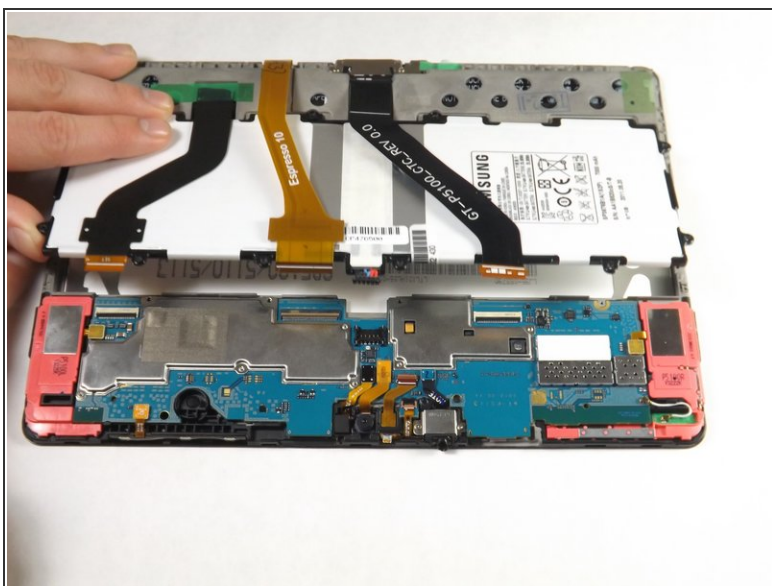
- Using your fingers, remove the green tape holding the three ribbon cables down.
- Using the flat end of the heavy-duty spudger, carefully lift the black tab that holds the leftmost, black ribbon cable in place. Repeat this step for the gold ribbon cable and the black ribbon cable.
- Using your fingers, gently slide each of the three cables straight out of the connectors.

Step 6



- Using a Phillips #000 screwdriver, remove the ten 3mm screws that hold the battery down.

Step 7



- Lift the battery with your hands and remove it from the device.

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