



# Samsung Impression Digitizer or Front Buttons Replacement

How to remove & replace the phone's digitizer...

Written By: Saul Villatoro



---

## INTRODUCTION

How to remove & replace the phone's digitizer or front buttons

---

### TOOLS:

- [Phillips #0 Screwdriver \(1\)](#)
  - [Flathead 3/32" or 2.5 mm Screwdriver \(1\)](#)
-

## Step 1 — Battery



- Orient the phone with the screen facing down.
- Using your thumb, slide the back panel away from the camera to expose the battery.

## Step 2



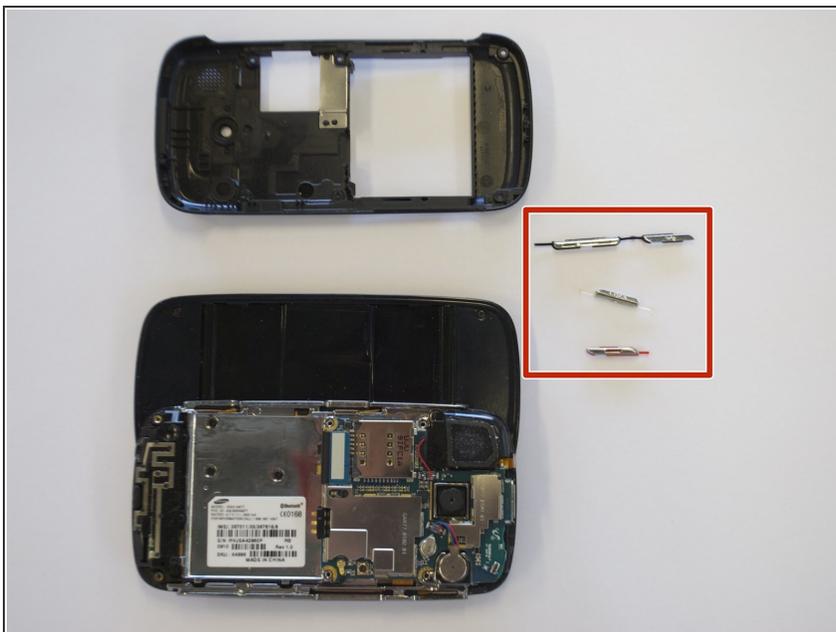
- Insert the tip of the spudger on the left side of the battery, opposite the direction of the white arrow.
- Pry the battery free. It will pivot in the direction of the white arrow.

## Step 3 — Back Cover



- Remove the six 3.5 mm screws using a Phillips #000 screwdriver. Make sure to unscrew in a counterclockwise direction.

## Step 4



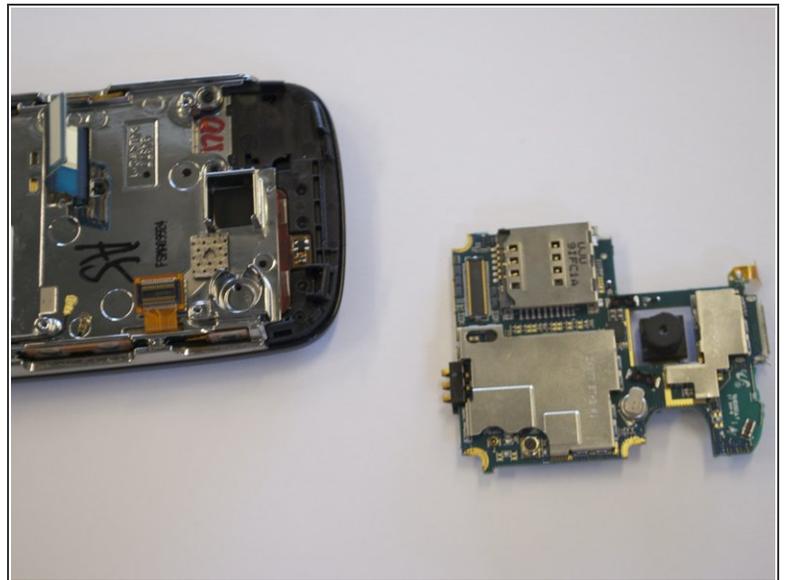
- Remove the back cover by gently prying around the top and bottom edges with the spudger.
  - ⓘ It may help to slide the touchscreen upwards when removing the back panel.
- The side buttons will become loose and will fall out, so put these in a safe place.

## Step 5 — Circuit Board



- To free the circuit board, remove the black wire that is holding it down.
- ⓘ You can remove the wire by gently prying up the gold terminator that is attached to the green circuit board. A gentle tug is all it should take.

## Step 6



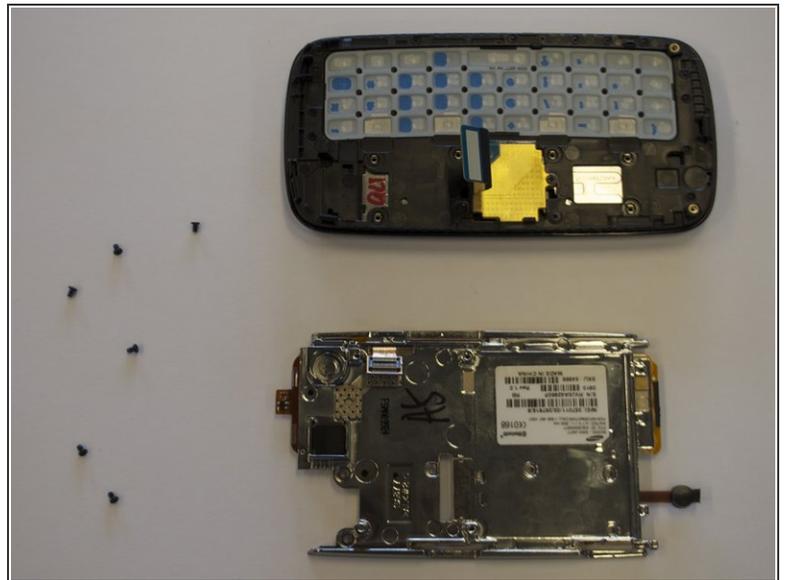
- The circuit board will still be held on by a blue and black ribbon. Remove the entire circuit board by gently tugging the ribbon upwards.

## Step 7 — Keyboard



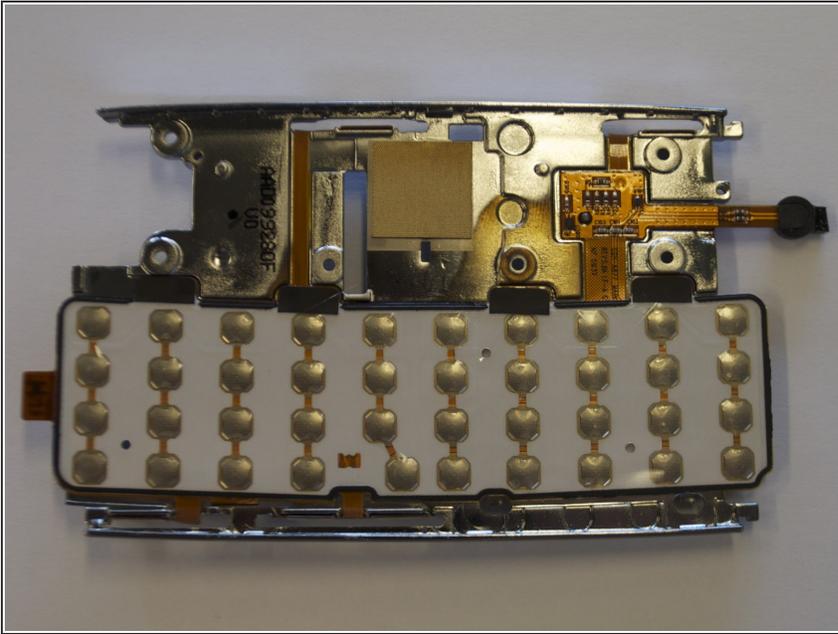
- Remove the two base screws along the edge of the silver piece, where you just removed the black end piece.
  - The screws are 2.7mm in length.
- The bottom black end cap will snap out.

## Step 8



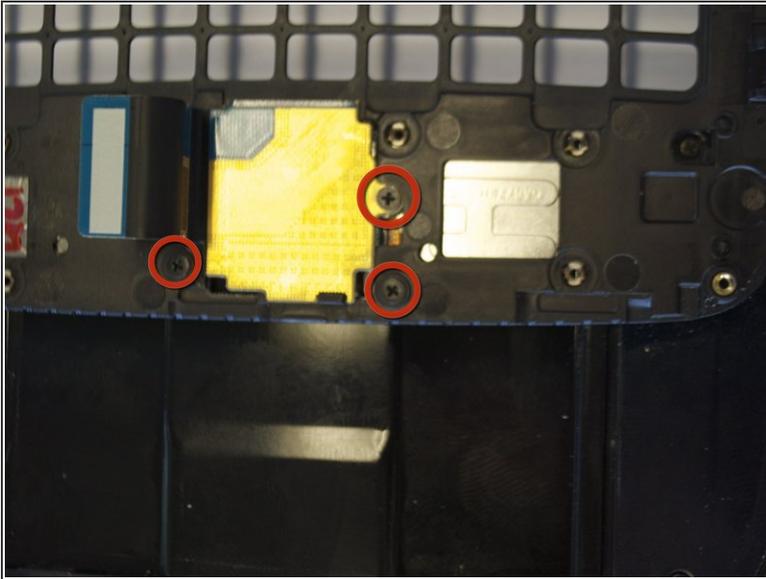
- Remove 6 screws holding the silver plate on.
  - 2.7mm in length
- The keys will peel right out of the screen side of the phone.

## Step 9



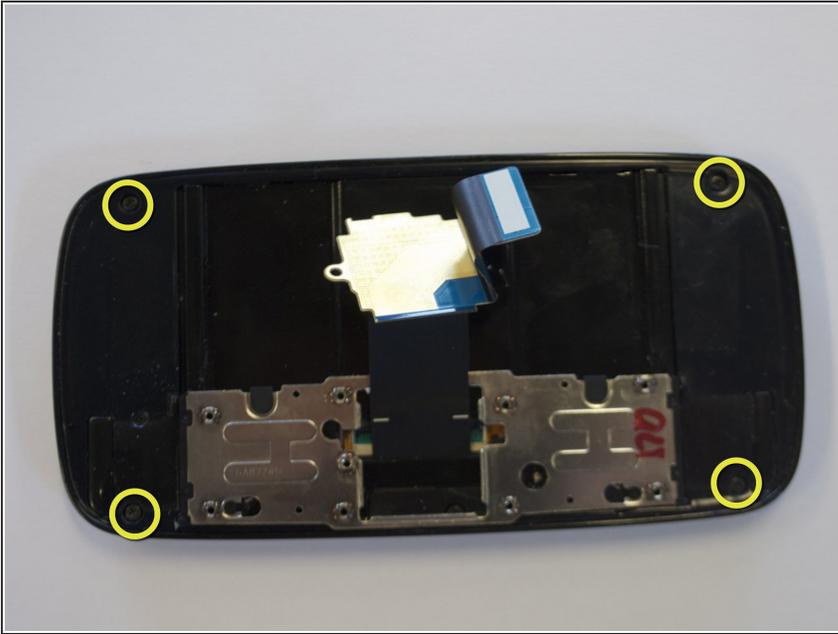
- The silver piece you are left with is the physical keyboard assembly.

## Step 10 — LCD Flex Cable



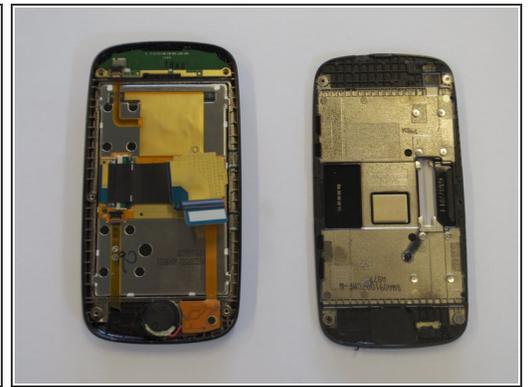
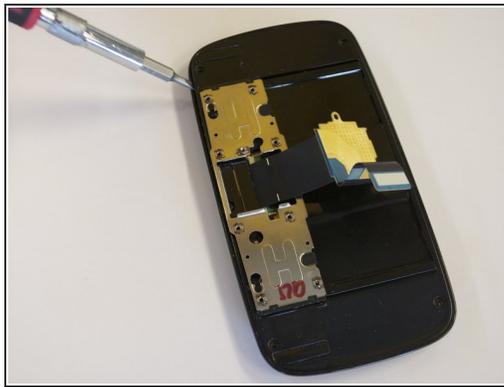
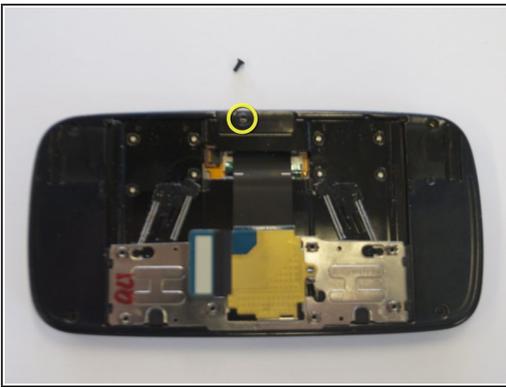
- Remove the 3 screws holding down the flex cable.
  - The screws are 2.0 mm in length.
  - The screw that goes through the circle port on the flex cable is longer at 2.3mm long.
- The keyboard slider frame will come off and the flex cable exposed, but not free.

## Step 11



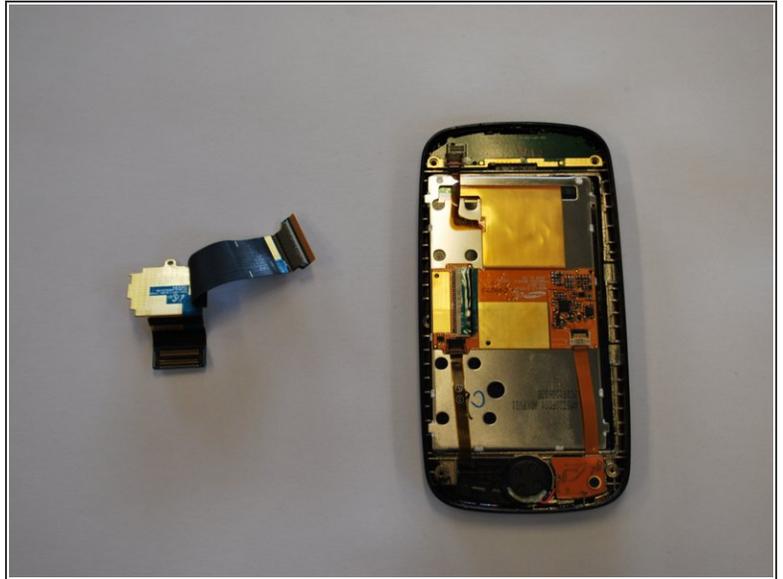
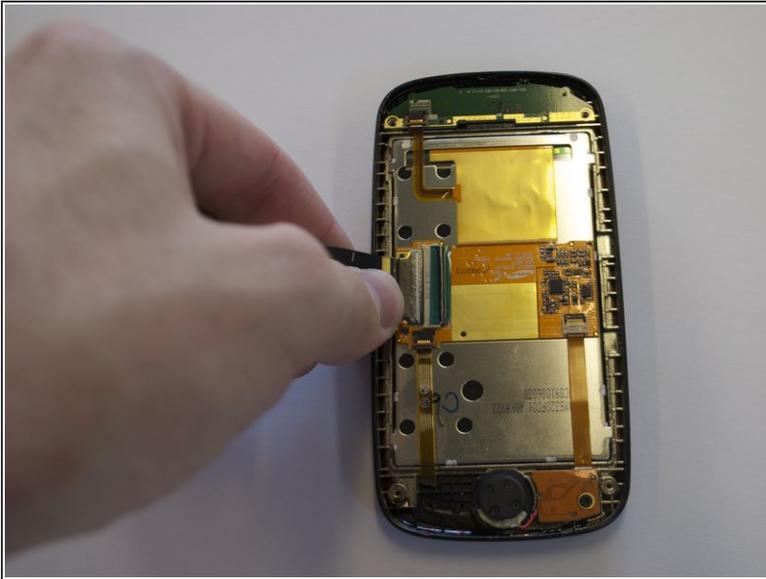
- Remove 4 outer screws.
- The screws are 3.5mm in length.

## Step 12



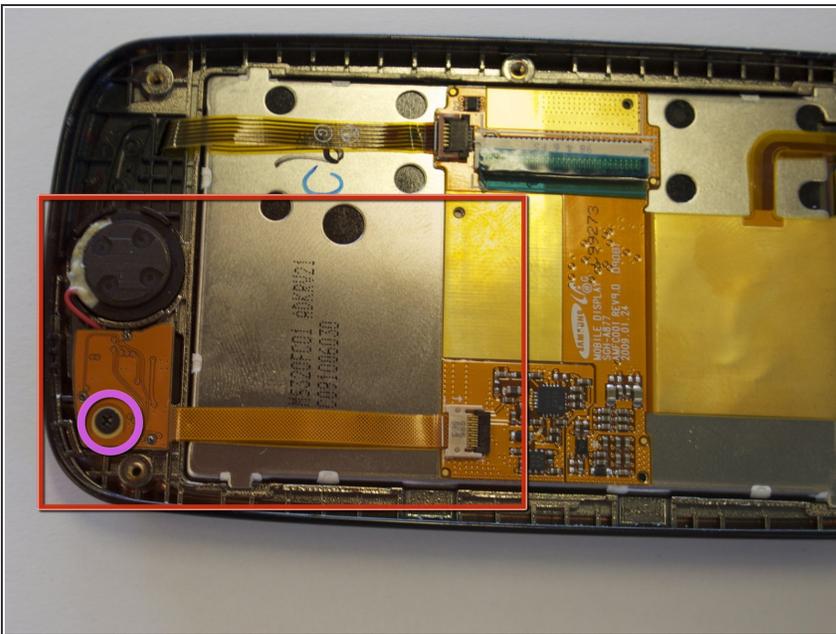
- Slide the phone apart, and remove a 5th screw (3.5 mm).
- Remove the outer shell by prying the edges off with your fingers, or a small screwdriver. (second image, taken before the image for above instruction)
- The device will now be in two pieces

## Step 13



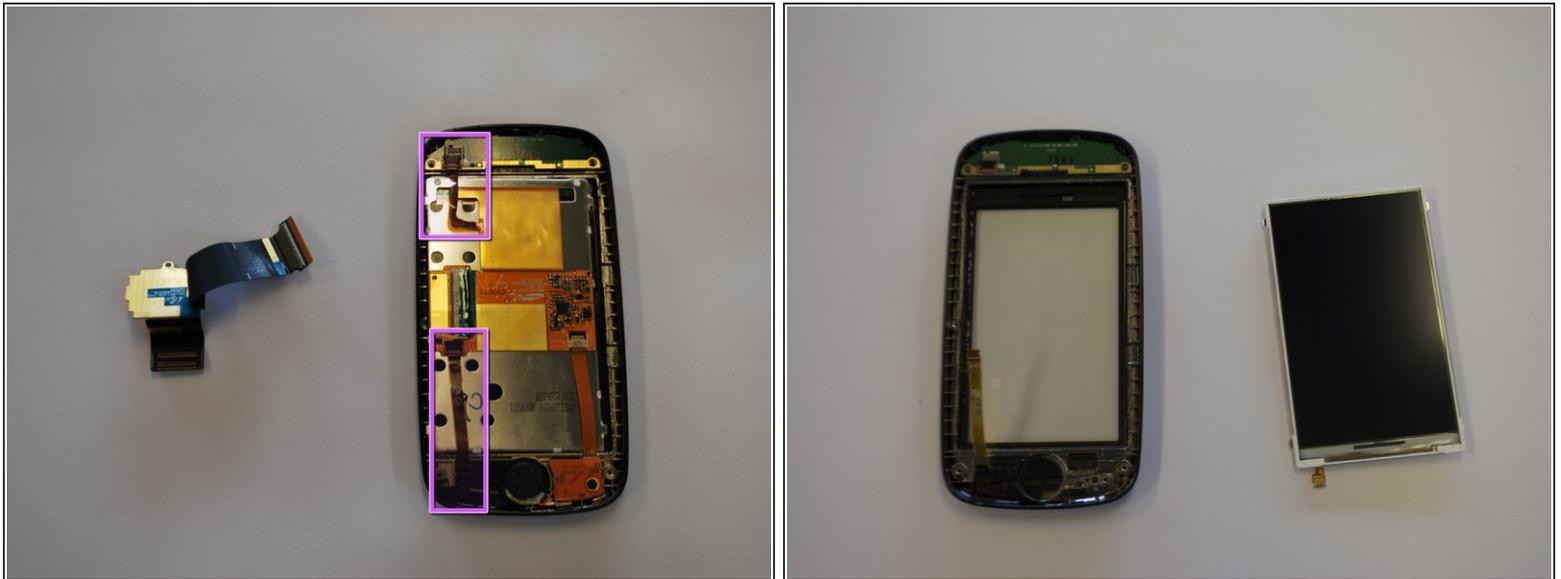
- Lift the tab underneath the blue tape and gently pull the flex cable.
- The flex cable will now be completely free.

## Step 14 — Ear Speaker



- Remove the single screw.
  - This screw is 2.25 mm in length.
- Lift the black tab at the end of the ribbon.
- Gently pull the speaker and ribbon free.

## Step 15 — LCD



- Lift the remaining two tabs and free their respective ribbon cables.
  - Gently pry the screen away from the housing.
- ⚠ Be careful with this step as you are in direct contact with the LCD screen.**

## Step 16 — Digitizer or Front Buttons



- If replacing the front buttons, remove the assembly at the bottom of the front panel
- The digitizer is now free to be pulled out from the front housing.

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