



SGH-A117 keypad replacement

This guide provides step-by-step instructions on how to replace the keypad on the Samsung SGH-A117 flip phone.

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INTRODUCTION

The keypad is something that is used quite often on a phone when texting or emailing. Due to the constant use of the keypad, the keypad can possibly become worn out.

The process of replacing the keypad is a bit challenging and requires patience and attention to detail. The equipment you are working with is very delicate and if not assembled properly, it will break.



TOOLS:

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



PARTS:

- [Samsung SGH-A117 Keypad](#) (1)

Step 1 — Battery



- Remove the battery by pressing the battery lock down and slide the battery cover away.

Step 2



- Lift the bottom of the battery and then move it up and away.

Step 3 — Motherboard



- Locate the 4 screws holes on the phone and remove them with the #000 Philips Head screwdriver. (See red circles)

Step 4



- Using the plastic opening tool, gently pry open the back piece of the phone.
- ⚠ Make sure to do this very carefully, as the back part of the phone is very thin and fragile.

Step 5



- i Use the metal prying tool to gently flick up the rectangular connector. (Because this device is on the smaller side, the rectangular connector may only need a simple flick with the prying tool)
- Simply flick the rectangular connector up from its socket. (Highlighted by the red square)

Step 6



- Use the plastic opening tool to gently pry up the motherboard.
- i You may need to pry the motherboard up from several angles in order to remove it.

Step 7 — Keypad



- After the connector has been removed you will gently pull off the mother board, which will reveal the rubber keypad.

Step 8



- Replace the faulty keypad, and reassemble the phone.

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