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)

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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.

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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.

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