



Samsung SGH-A117: Breakdown and Reassembly

Step-by-step guide to disassembling and reassembling a Samsung SGH-A117.

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INTRODUCTION

Samsung SGH-A117 is a basic flip phone. This guide will describe the steps required for disassembling and reassembling the phone.

TOOLS:

- [Spudger](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
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Step 1 — Samsung SGH-A117



- This is the Samsung SGH-A117.

Step 2 — Backside of the cellphone



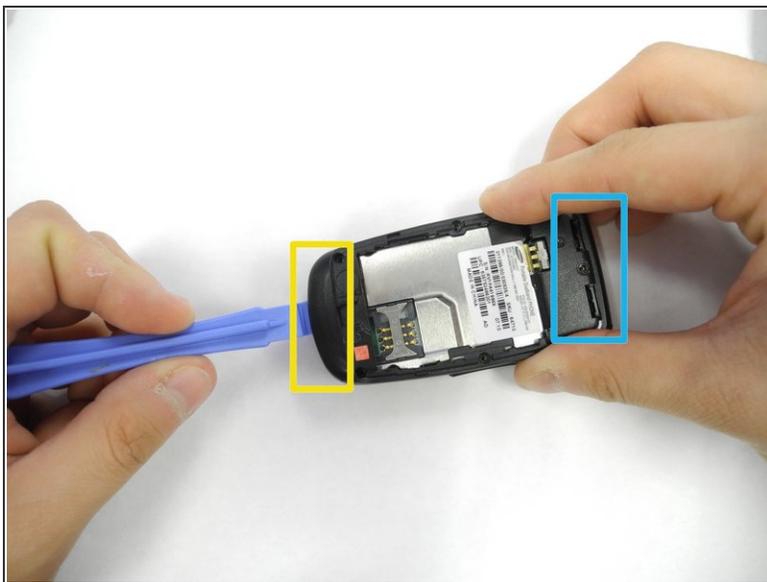
- This is the back view following the removal of the back cover and battery.

Step 3 — Removing Screws



- Use a screwdriver to remove screws around the frame.
- ☑ Use a PH00 size screw to operate this step.
- ⚠ The screws are extremely small. It is recommended to have a small container to keep track of the screws.

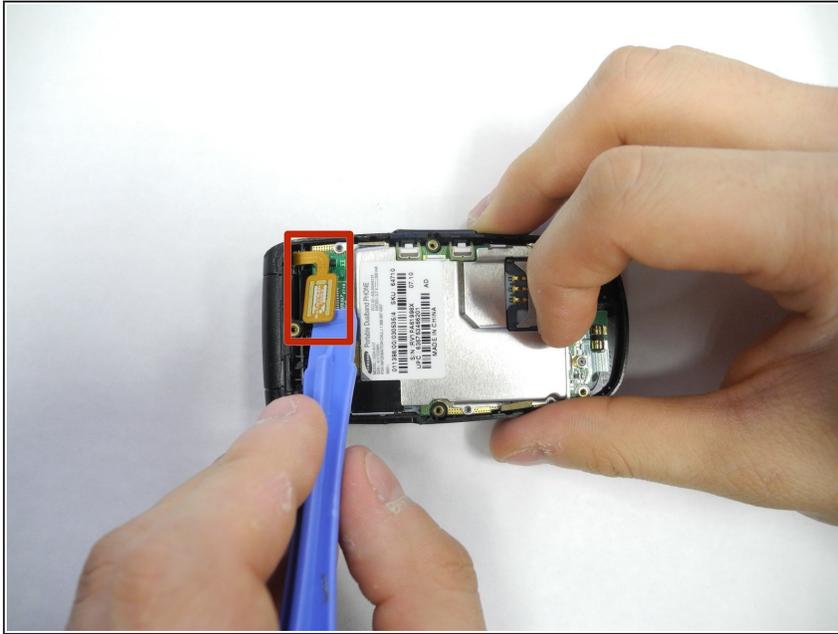
Step 4 — Removing the Back Cover



- Insert the spudger under the back cover at the marked locations and gently lift to remove the back cover.
- The end of the phone closest to the hinge will require additional force to lift.
- ⚠ Be careful not to bend the cover during the removal process.

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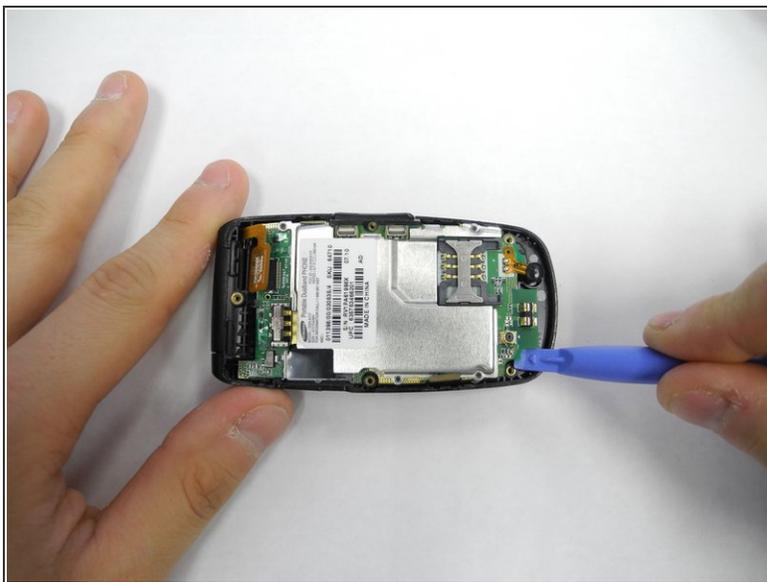
Step 5 — Separate Circuit Connector from Logic Board



- Use a spudger to gently lift the circuit connector from the logic board.

⚠ Be careful not to remove the circuit connector from the phone.

Step 6 — Lift Logic Board



- Use a spudger to lift the logic board and separate it from the main body of the phone.

i It is recommended to lift from the bottom part of the logic board as shown in the picture.

⚠ Be careful not to lose the volume button, which is loosely attached to the logic board.

Step 7 — Remove Keypad



- Gently push the keyboard from the case as shown in the picture.

Step 8 — Layout of Disassembled Device



- 1 Case
- 1 Keyboard
- 1 Logic Board
- 1 Volume Control
- 1 Back Cover
- 5 Screws

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