



Caterpillar B15 Teardown

A teardown of the Caterpillar B15 may be necessary in the event that a core component such as the camera, LCD, microphone, or earpiece must be accessed.

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INTRODUCTION

This guide will instruct you on the complete disassembly of the Caterpillar B15.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [0.05 Inch Hex Screwdriver](#) (1)
- [Spudger](#) (1)

Step 1 — Caterpillar B15 Teardown



- Place the phone screen-side down and place thumb on the yellow and black switch. Slide the switch to the right to unlock the back covering for removal.

Step 2



- Remove the back covering by gently lifting upwards from the bottom of the back covering. The back will snap off and the battery is exposed.

Step 3



- Place index finger at the top edge of the battery and gently lift upwards. The battery will slide cleanly out of the phone.

Step 4



- With the back cover removed, locate and remove the Phillips screw pictured top-center, and the two torx screws above and to either side of the Phillips screw. A T-5 bit is required for removal of the torx screws.
- WARNING: Proceeding beyond this point will void the warranty for this device.**

Step 5



- Next, remove the two torx (star-shaped) screws below the battery. These screws help to secure the outer shell of the phone around the motherboard. A T-5 bit is required for removal.

Step 6



- There are three remaining screws on each long side of the phone. A small hex bit is required for removal.

Step 7



- There is one more Phillips screw remaining. It is located beneath the headphone cover.

Step 8



- With all screws removed, the back and side pieces should come off the front of the phone, exposing the motherboard and various components as shown.

Step 9



- With all screws removed, move around the motherboard, carefully prying it from the remaining shell.

Step 10



- Finally, disconnect the chip seen in the upper right, and the board should pull away from the rest of the phone.

Step 11



- Congratulations. You have successfully disassembled the Caterpillar B15.

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