



BlackBerry Pearl 8100 Disassembly

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INTRODUCTION

This guide details the removal of the rear, bottom and side covers; the frame, motherboard and front cover; and the keypad and trackball of the BlackBerry Pearl 8100.

TOOLS:

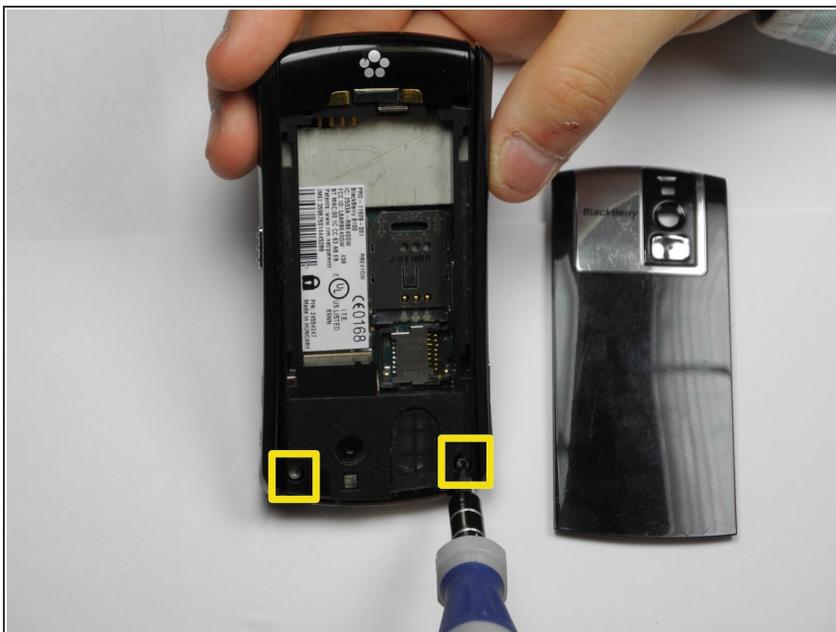
- [T6 Torx Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Rear Cover



- Push the button indicated by the yellow marker to remove the rear cover.
- Remove the battery (not pictured).

Step 2 — Screws underneath the rear cover



- Use a T6 Torx screwdriver to remove the two screws indicated by the yellow markers.

Step 3 — Bottom Cover



- Use the plastic opening tool to loosen the bottom cover, and then remove the bottom cover from the cellphone.

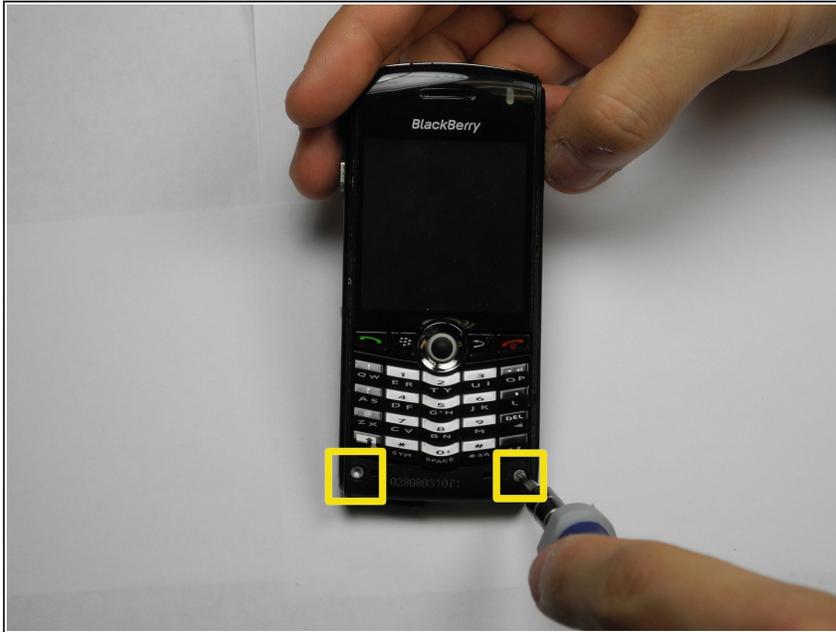
Step 4 — Side Cover



- Use the plastic opening tool to remove the side covers.

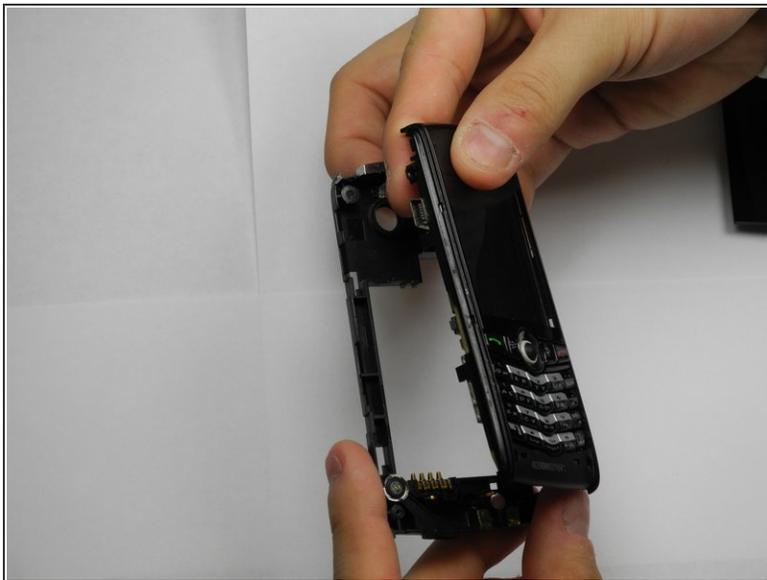
⚠ The side covers are attached to the cell phone with small plastic snaps. These snaps can be bent or broken easily.

Step 5 — More screws



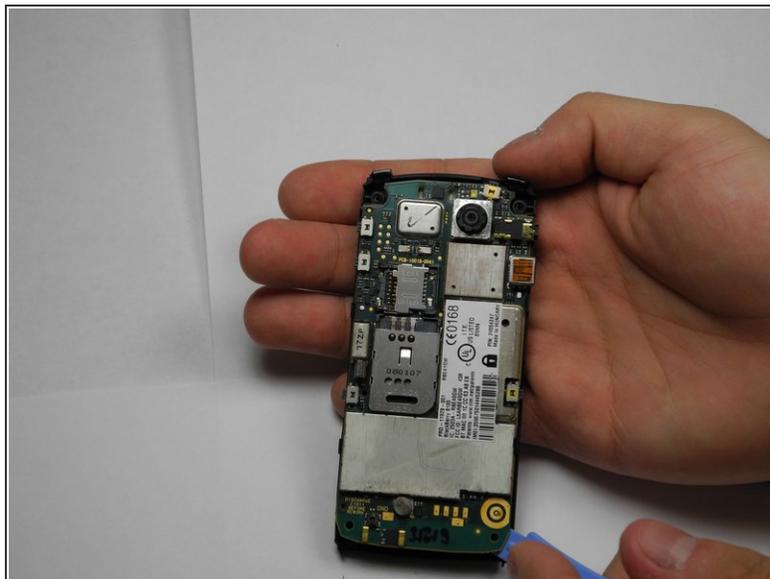
- With the bottom and side covers removed, the two screws indicated by yellow markers will be visible.
- Use the T6 Torx screwdriver to remove the screws.

Step 6 — Frame



- With the screws removed, the frame can be detached.

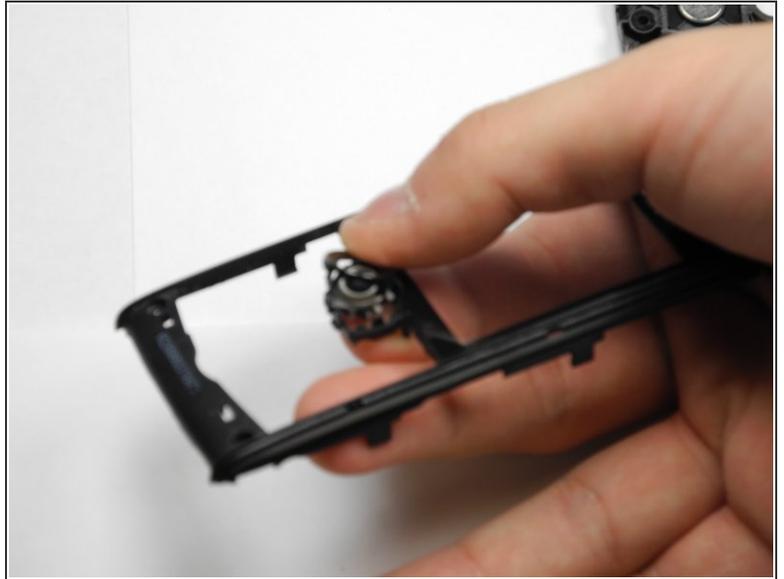
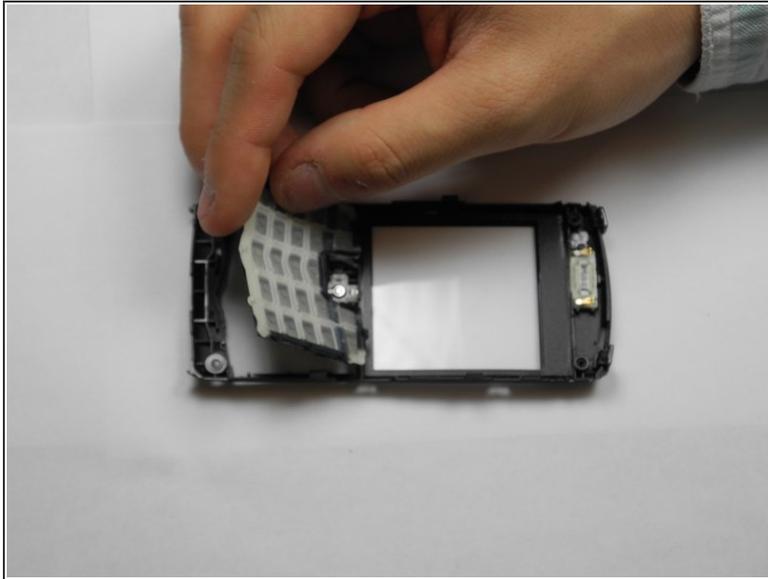
Step 7 — Logic Board



- Use the plastic opening tool to separate the motherboard from the front cover.

 While removing the motherboard, the button that opens the rear cover may come loose along with a small spring. Do not lose these.

Step 8 — Keypad and Trackball



- Separate the keypad (first picture) and trackball (second picture) from the front cover.
 - Lift the piece of plastic that overlays the trackball (second picture). The trackball should then come loose.
- ⚠** Keep the trackball intact. The trackball has extremely small magnetic bolts underneath that are difficult to reassemble.

Step 9 — Complete



- These are all the parts of the BlackBerry Pearl 8100 completely disassembled. From left to right, the parts are as follows: rear cover, front cover, motherboard, side covers, trackball, keypad, bottom cover, and frame.

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