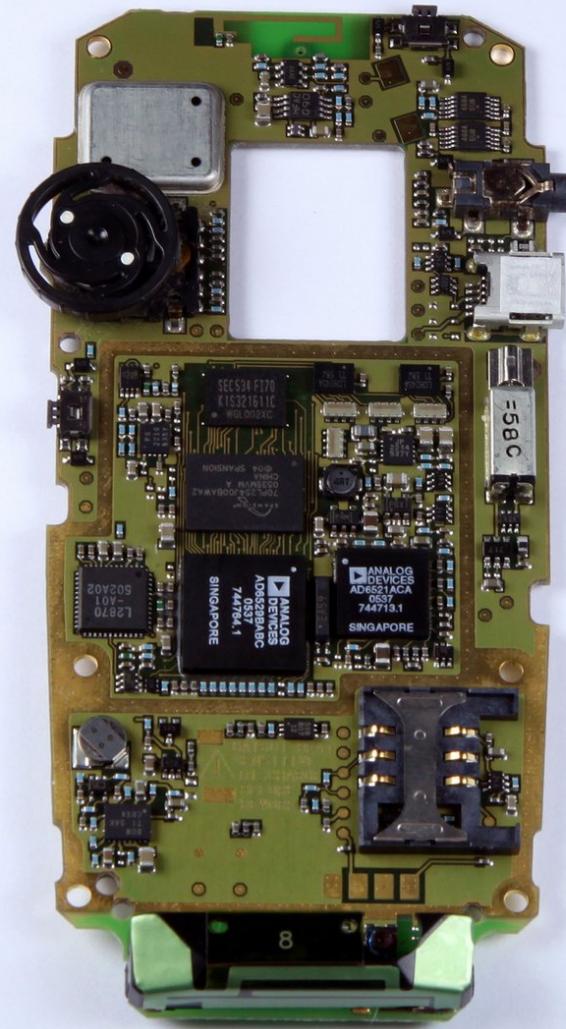




BlackBerry 7100g Motherboard Replacement

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INTRODUCTION

This guide explains how to replace the motherboard for your BlackBerry 7100g.

TOOLS:

- [Spudger \(1\)](#)
- [T6 Torx Screwdriver \(1\)](#)
- [iFixit Opening Tools \(1\)](#)

Step 1 — Battery



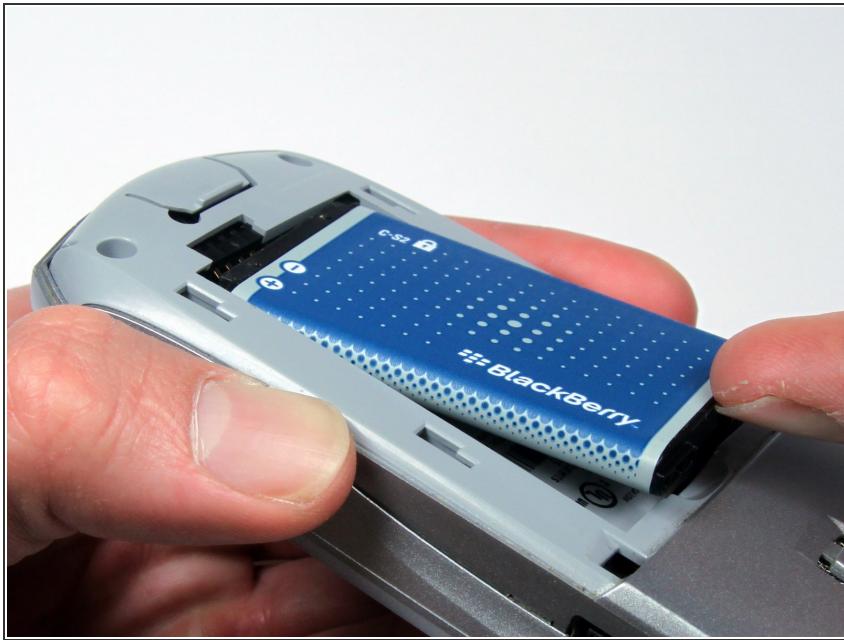
- Turn over your BlackBerry 7100g so that the back cover is facing up.
- Locate the battery cover release button near the bottom of the back panel.

Step 2



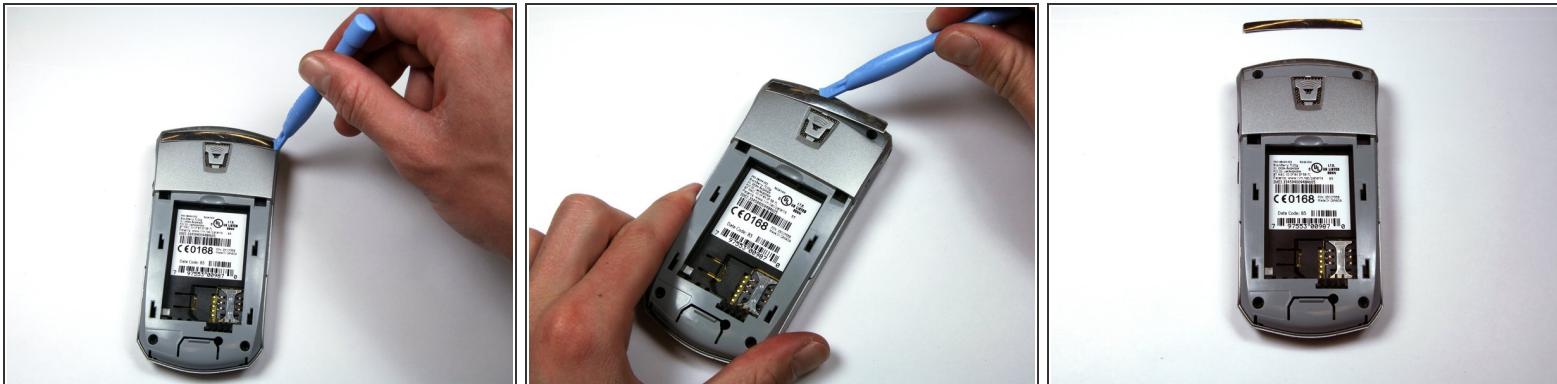
- Push down on the release button with one thumb.
- Slide the battery cover off with the other thumb.

Step 3



- Remove the battery from the battery housing by flipping up the top of the battery.

Step 4 — Housing



- Locate the silver strip near the top of your BlackBerry.
- Use a plastic opening tool to pry off the edge of the silver lining.
- Slide the tool along the length of the silver strip to completely remove it.

Step 5



(i) Do not lose the screws. They are quite small and can easily be misplaced.

- Locate and unscrew the four (4) screws using a T6 screwdriver.

Step 6



(i) The keypad cover may fall out of the housing when prying the housing apart.

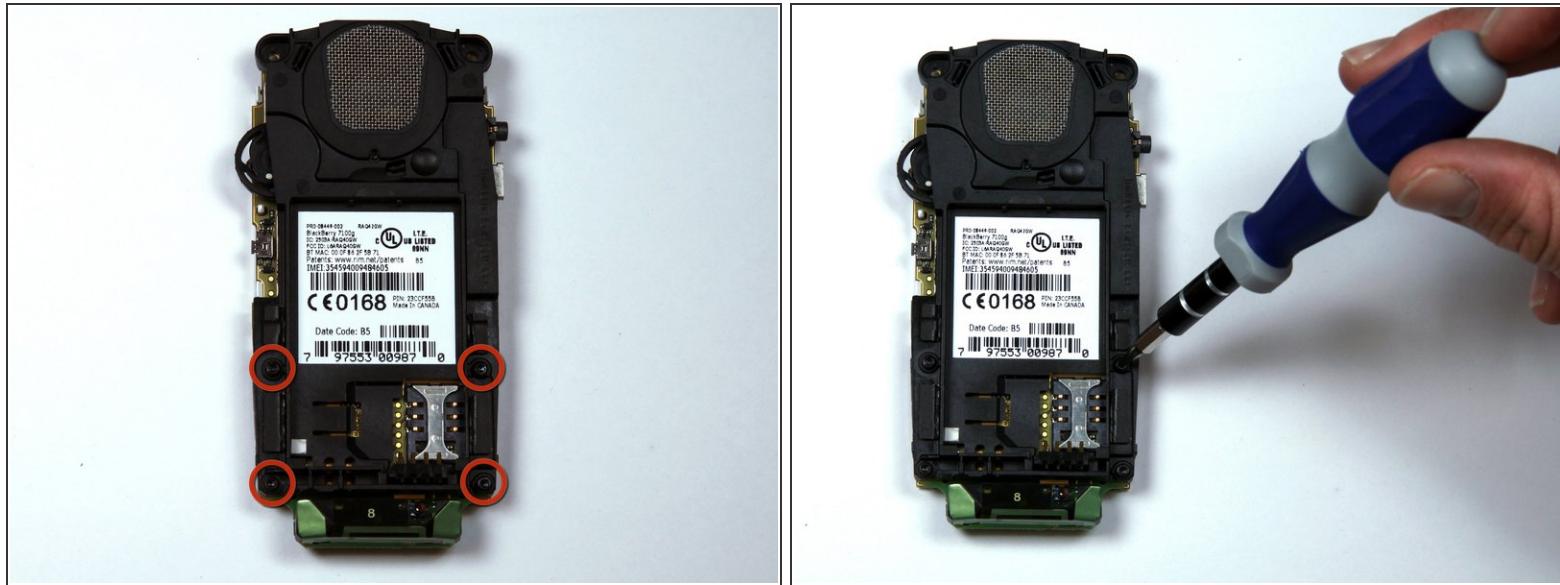
- Tightly pinch the top of the front and back halves of the housing.
- Carefully pry the two halves of the housing apart.

Step 7



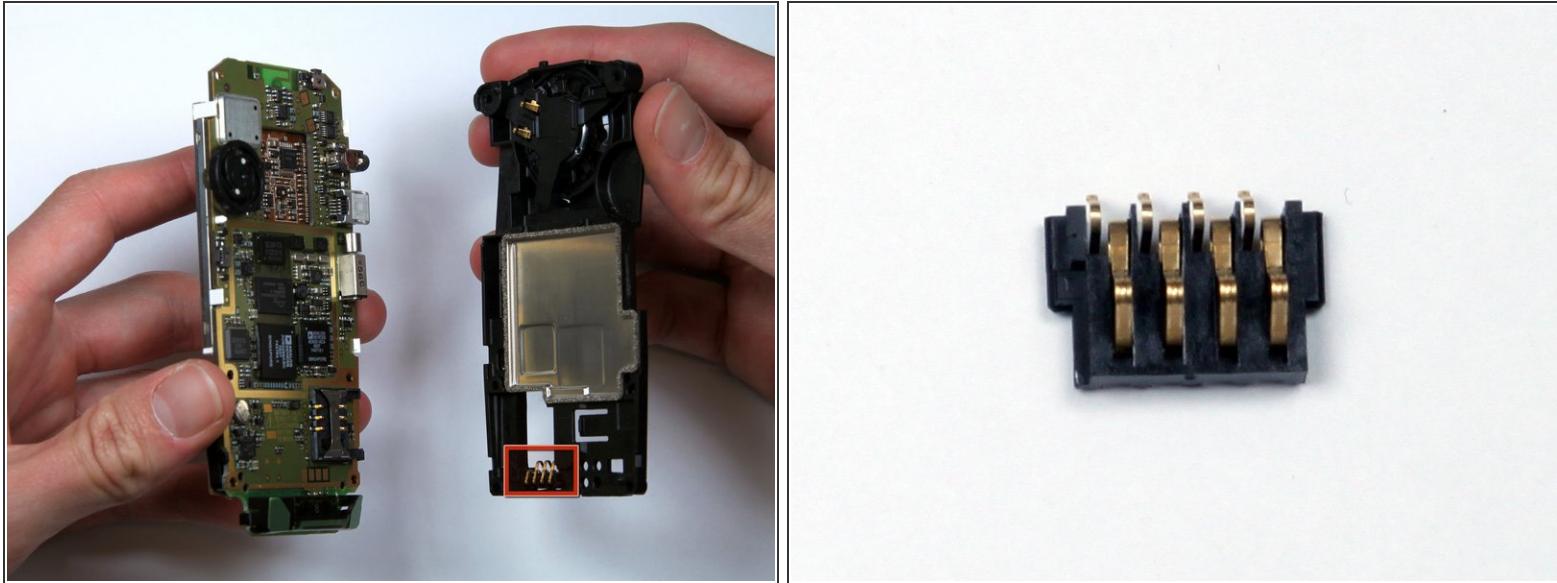
- You can now easily remove the "guts" of the phone from the housing.

Step 8 — Battery Housing / Speaker



- Turn over the motherboard so that the speaker is facing up.
- Locate and unscrew the four (4) screws near the bottom of the motherboard, using a T6 screwdriver.

Step 9



(i) The battery terminal is separate from the battery housing.

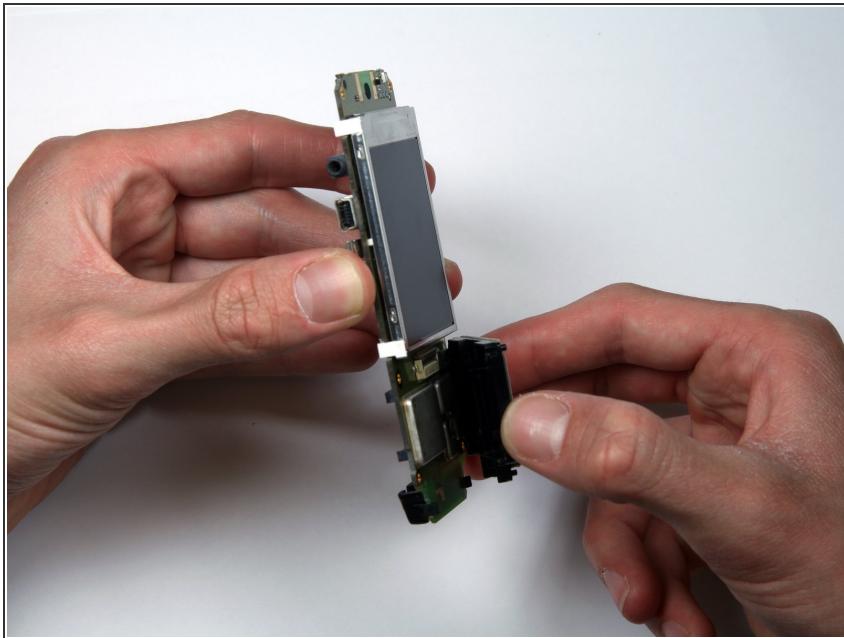
- Do NOT get rid of the terminal if replacing the battery housing and/or the speaker.
- The terminal will slide out of the housing.

Step 10 — Keypad



- Turn the "guts" over so the speaker is facing up.
- Locate and unscrew the four (4) screws near the bottom of the motherboard, using a T6 screwdriver.
- Separate the battery housing from the motherboard.

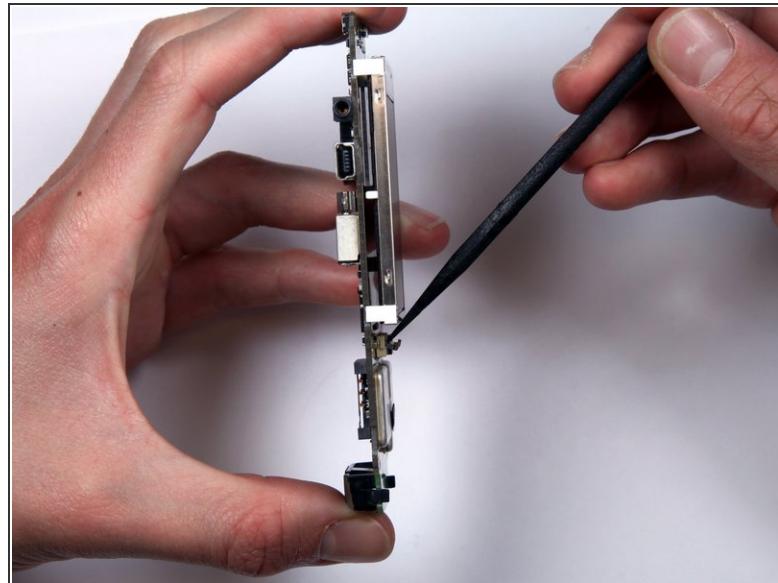
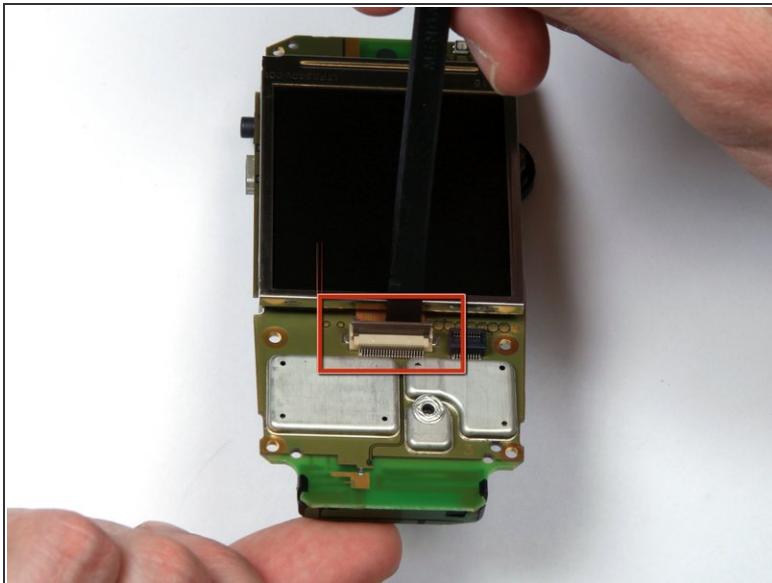
Step 11



- Pull the keypad off of the motherboard.

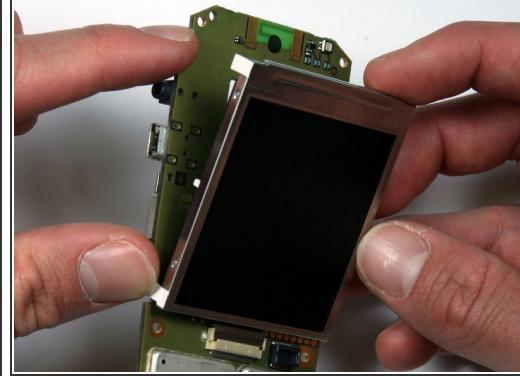
(i) It should come off with little effort. If not, there are several tabs that can be released on either side of the keypad.

Step 12 — Screen



- Locate the ribbon connector below the bottom of the screen.
- Use a spudger to flip up the connector.

Step 13



- Locate the four (4) white tabs that attach the screen to the motherboard.
- Carefully detach the tabs from the motherboard.
- The screen can now be removed from the motherboard.

Step 14 — Motherboard



- You have successfully removed the motherboard.

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