



BlackBerry Z10 Screen Replacement

The BlackBerry Z10 has an easy-to-replace, 4.2 inch, 1280 x 768 pixel resolution touch screen. This guide teaches you how to replace the screen.

Written By: Emie Lou Cruz



INTRODUCTION

This procedure involves opening up the phone, and removing the battery and the motherboard.



TOOLS:

- [T2 Torx Screwdriver](#) (1)
 - [T4 Torx Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Battery



- Turn the phone over so that the back cover faces up.
- Locate the groove at the bottom center of the phone.
- Press the groove with your thumb to release the edge of the case from the phone.

Step 2



- Use your thumb and index finger to carefully open the sides of the phone.
- Start from the bottom and work your fingers up along the sides of the phone until the back cover is completely separated from the body of the phone.

Step 3



- Lift the bottom corner of the battery with your fingers.
- Remove the battery from the body of the phone.

Step 4 — Screen



- Use a T3 or T4 (sub-models vary) Torx screwdriver to remove the nine screws shown in the picture.
- ⓘ Keep the screws in a safe place.

Step 5



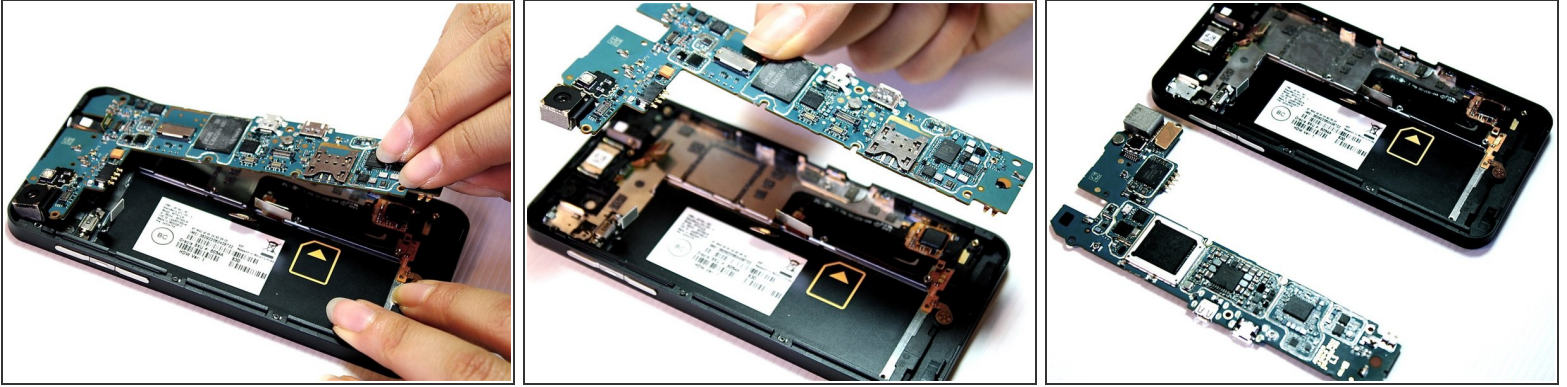
- Gently lift the plastic housing off the phone and set it aside. You can now see the motherboard.


Step 6




- Use the spudger to detach the green flat-top connector located under the rear camera. Slowly push the connector up and back. Refer to the first and second images.
- Use the spudger to detach and lift the orange flat-top connector seen in the second image. Slowly push the connector up and back.
- Then, detach the remaining three flat-top connectors one at a time to release the motherboard from the housing. The third connector is hidden underneath the largest one.

Step 7





 The motherboard is fragile. Make sure all connectors have been detached before you remove the motherboard.

- Carefully remove the motherboard and set it aside on an antistatic surface.
-  Depending on the part you bought, you may be able to skip the remaining steps. A complete screen and case assembly can be purchased together. If that's what you have, simply move the motherboard to the new piece and reverse the steps above to reassemble your device. Otherwise, continue with the steps below.

Step 8



 The screen is fragile and may crack if the screws are not removed carefully.

- Use a T2 Torx screwdriver to remove the first small screw located at the top right. Refer to the second image.
 - Then unscrew the four screws that surround the case. Refer to the third image.
-  Keep all five screws in a safe place.

Step 9



- Turn the phone over so that the touch screen faces you.
 - Slide a plastic opening tool around the rectangular edge of the phone to separate the touch screen from the case. Start from either of the bottom corners and work your way around the phone to loosen the screen.
- ⚠ The connectors are connected to the phone case. Be careful not to damage them when you separate the screen from the phone case.
- Gently separate the screen from the phone case. Now, the phone is ready for a new screen.

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