



BlackBerry Z30 Middle Frame Replacement

Guide for the replacement of the middle frame that includes Power Button, Audio Jack and Microphones

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INTRODUCTION

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TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
 - [T5 Torx Screwdriver](#) (1)
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Step 1 — Battery cover



- Remove the battery cover by grabbing the notch under the bottom speakers and lifting.

Step 2 — Remove SIM and Media Card



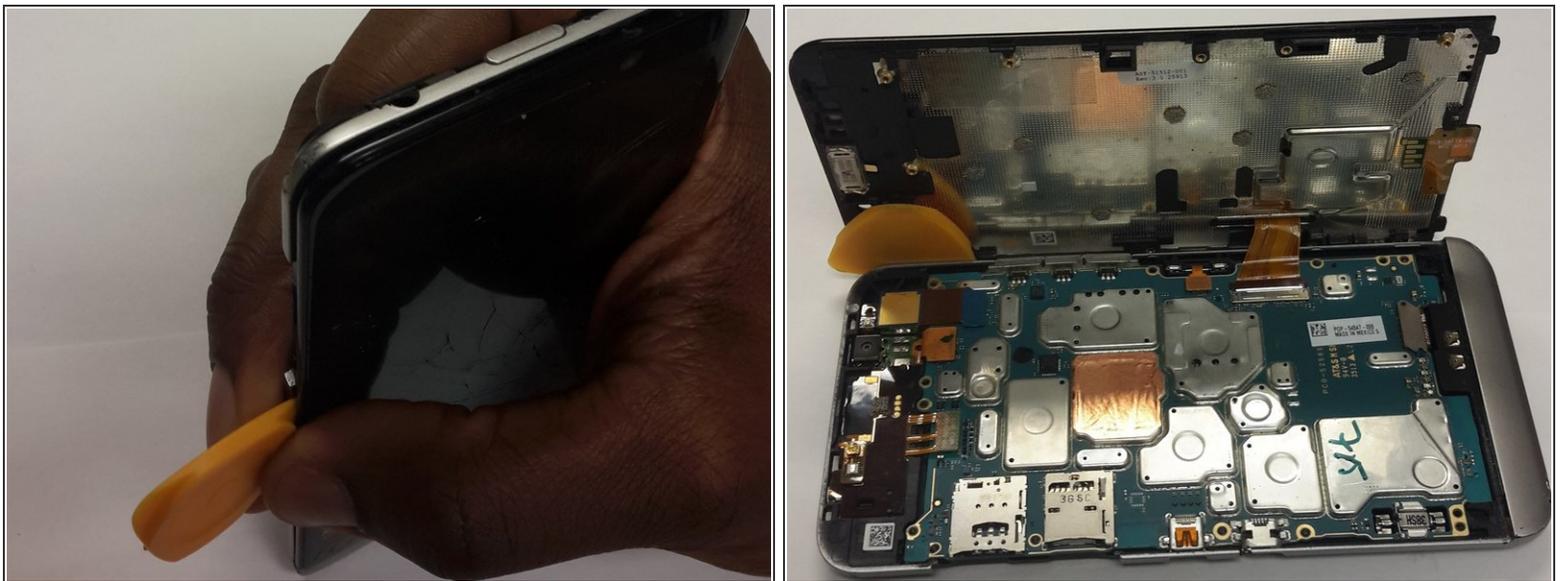
- Remove the SIM card and the Media SD card by pushing on them.

Step 3 — Unscrewing the LCD panel



- Locate and unscrew all 10 T5 screws around the back cover

Step 4 — Separate the LCD from the Frame

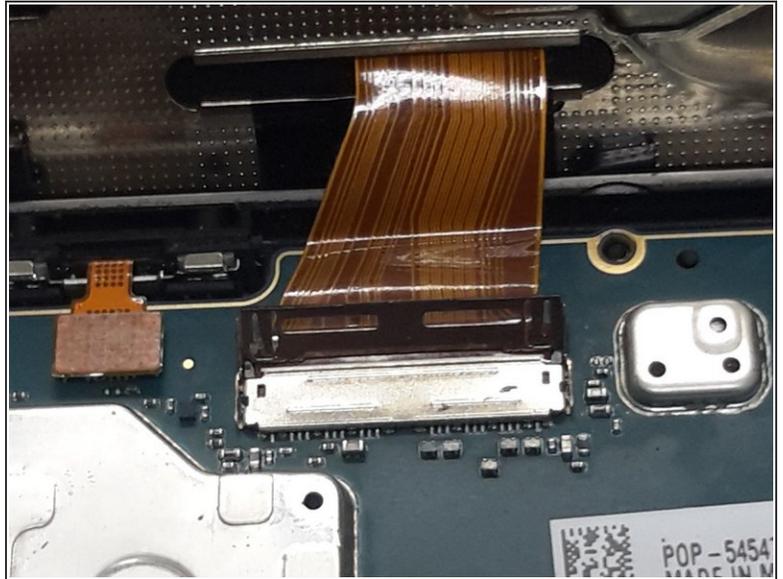
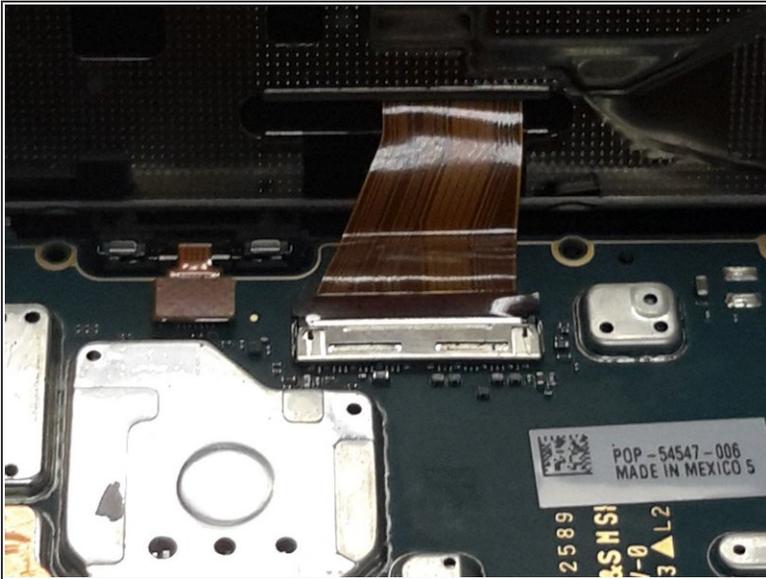


- Use Plastic opening tools to separate the LCD from the Main body

⚠ Do NOT remove the screen yet, it is attached with a very fragile ribbon to the main board.

i Start on the same side of the Audio Jack

Step 5 — Remove the LCD



- Use a plastic tool to carefully switch up the LCD ribbon holder
 - Detach the LCD from the main board
- ⓘ When installing the new LCD, make sure the ribbon is inserted to the white line.

Step 6 — LCD Panel removal



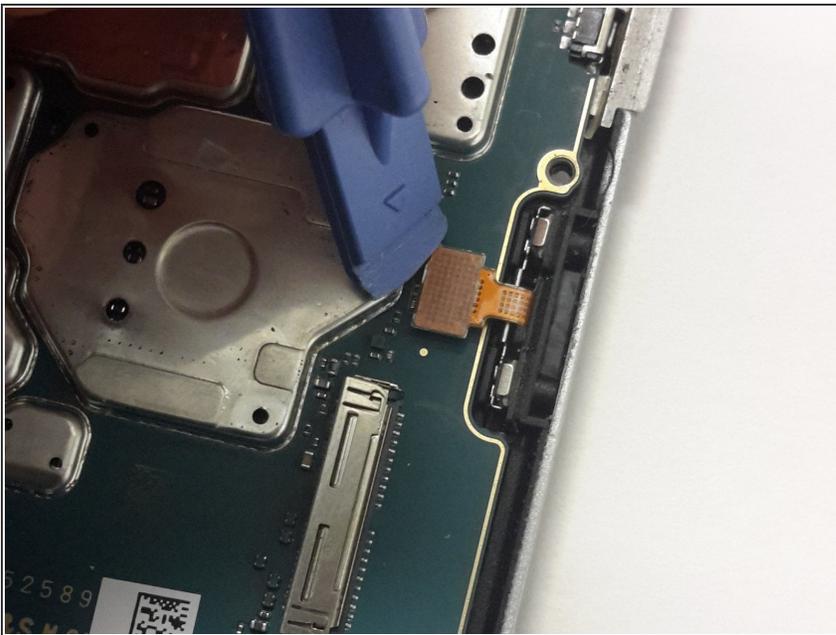
- You can now detach the LCD Panel from the main frame.

Step 7 — Untie the System board



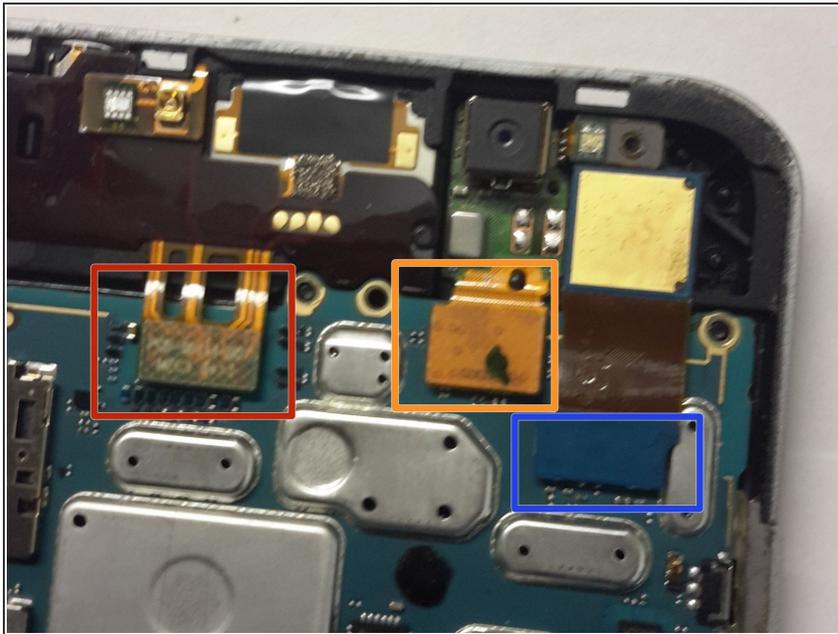
- With a plastic tool, untie the system board by detaching the ribbons attached to it
- The battery ribbon is on the bottom right
- ⚠ Be gentle when detaching these Ribbons as they are very easy to tear and damage.

Step 8 — Untie the System board Part 2



- ⚠ Be gentle as any other system board ribbons, they are very easy to damage

Step 9 — Untie the system board Part 3



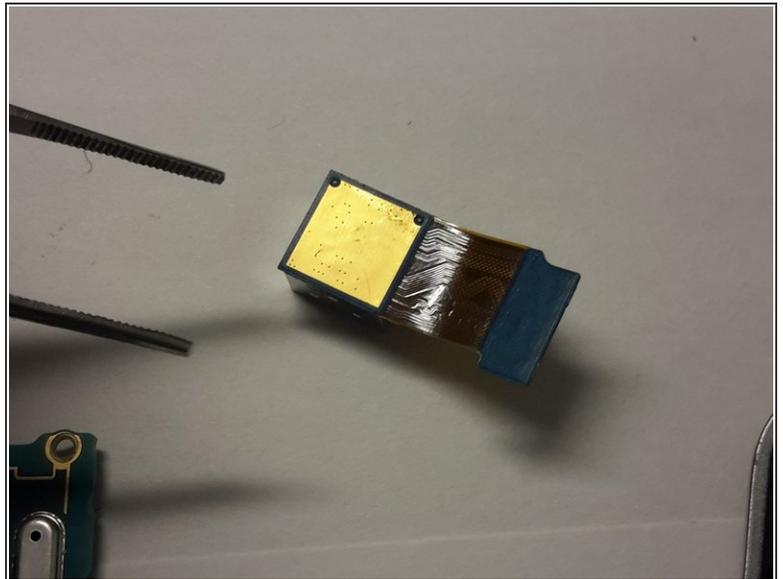
- Power Button /Audio Jack
- Flash
- Rear Facing Camera

Step 10 — System board removal



- Once all Ribbons untied, gently wiggle the system board out of the frame
- ⚠ Do not pull hard as there might be a ribbon on the way

Step 11 — Remove the Rear Camera



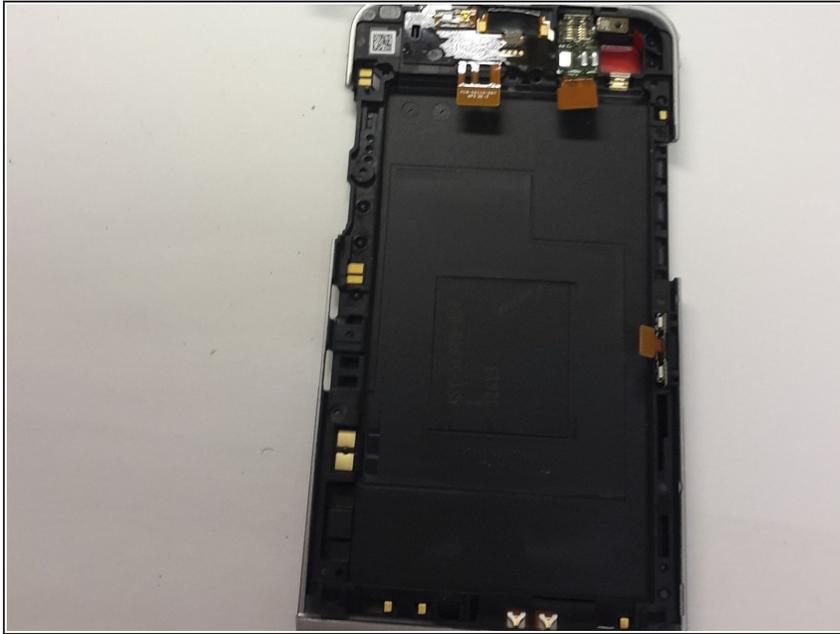
- Use a pair of pliers to remove the rear facing camera

Step 12 — Remove the Battery



- ⚠ If this is the original battery, it might be hold down by VERY strong adhesive on the top, middle and bottom part. Be careful not to damage the battery
- ⚠ As pointed in the comments, be careful about the NFC membrane when removing the battery. Use heat to loosen the glue.

Step 13 — Replace the Middle Frame



- Re-Assemble the unit using the new middle frame.

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