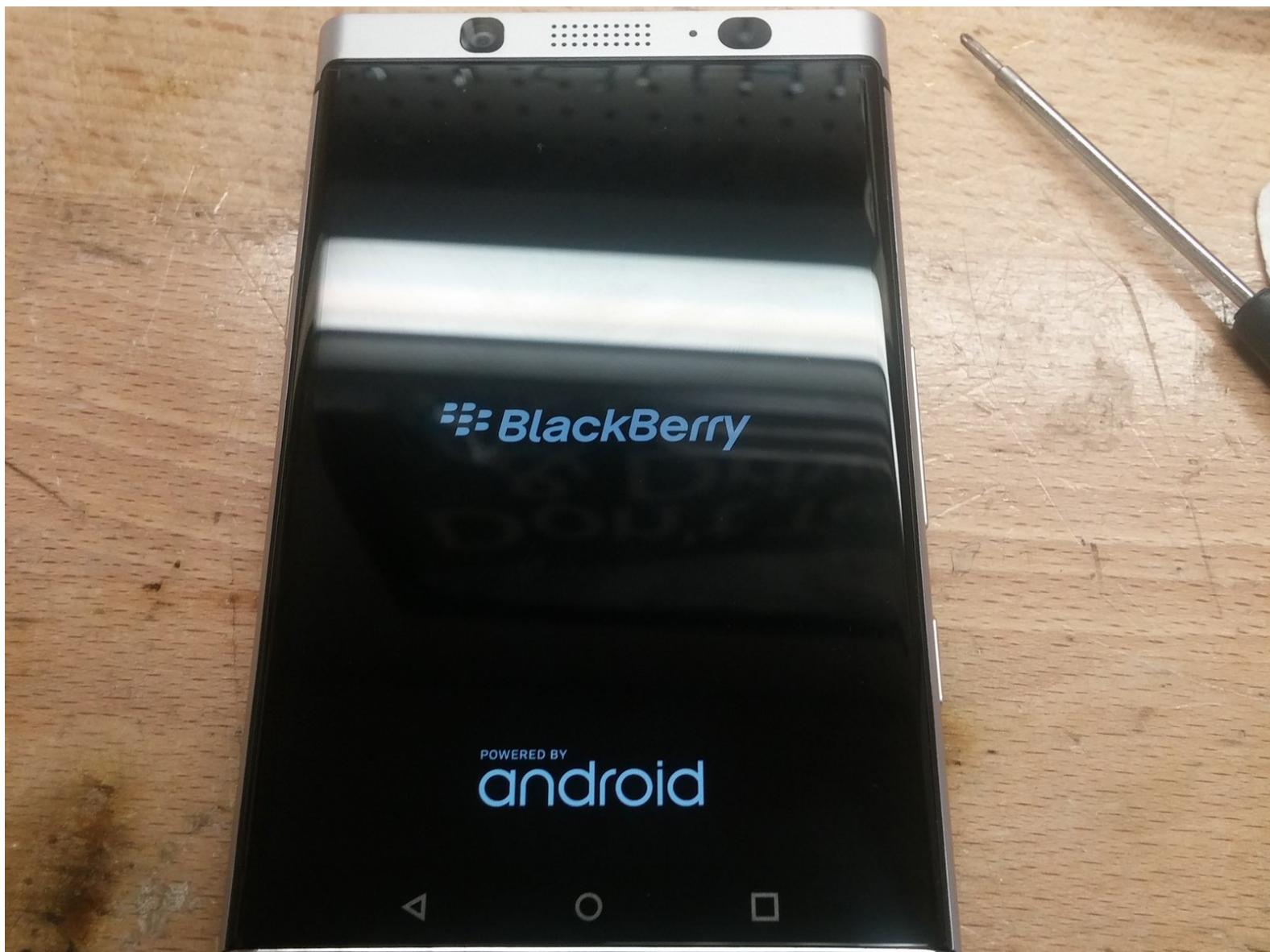




BlackBerry KEYone Motherboard Disassembly

This is a disassembly guide to take out the motherboard for a BlackBerry KEYone.

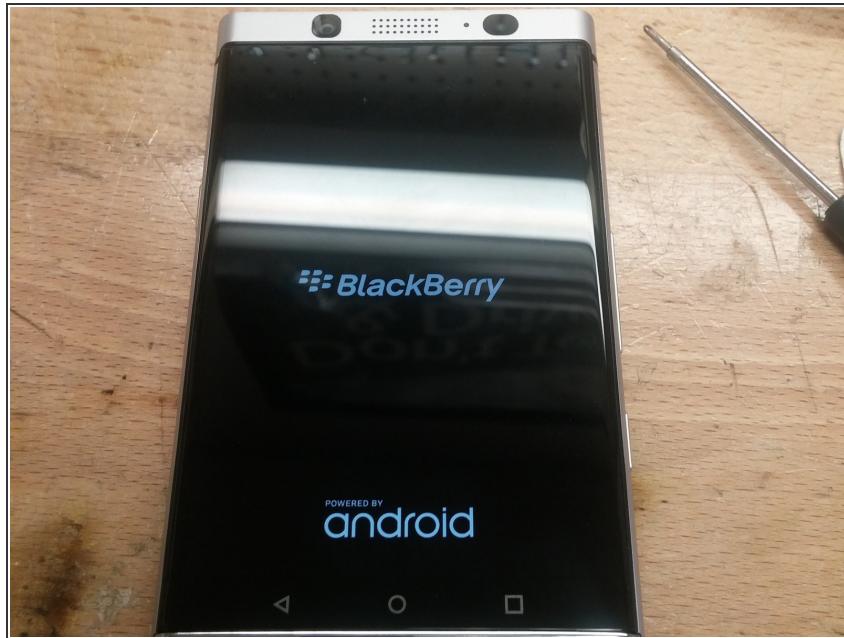
Written By: Nathan Albertson



 **TOOLS:**

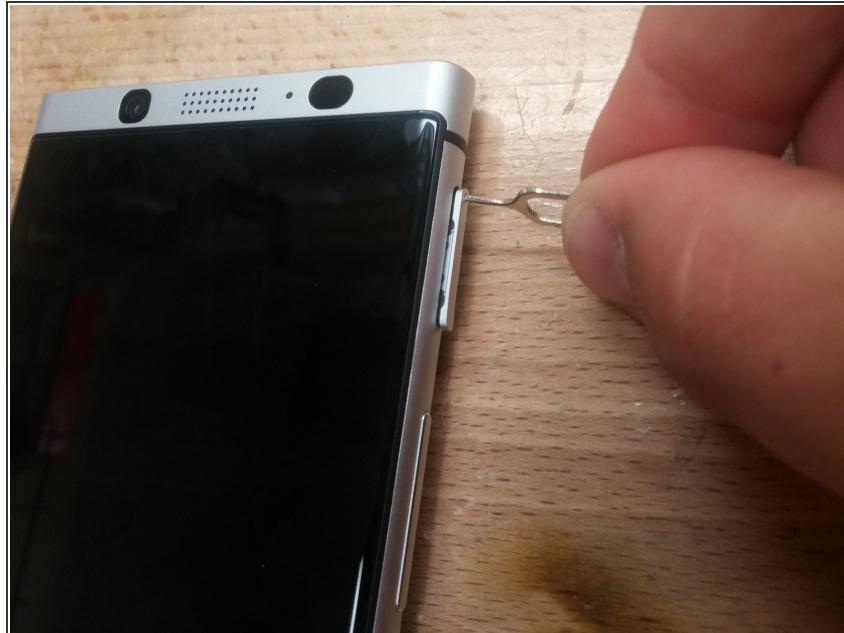
- [SIM Card Eject Tool \(1\)](#)
- [Heat Gun \(1\)](#)
- [iSesamo Opening Tool \(1\)](#)
- [Mako Driver Kit - 64 Precision Bits \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Spudger \(1\)](#)

Step 1 — The BlackBerry KEYone



- The start of our disassembly. The BlackBerry KEYone logo screen.

Step 2 — Remove the Sim Card Tray



- Use a sim card removal tool to remove the sim card.

Step 3 — Heat the top of the phone



- Apply heat to the top of the phone to remove the microphone plastic cover. There is a fair amount of adhesive holding this cover down.

Step 4 — Remove the Plastic Cover



- Use an iSesamo or other preferred pry tool to remove the plastic cover from the BlackBerry.

Step 5 — Remove two Phillips screws.



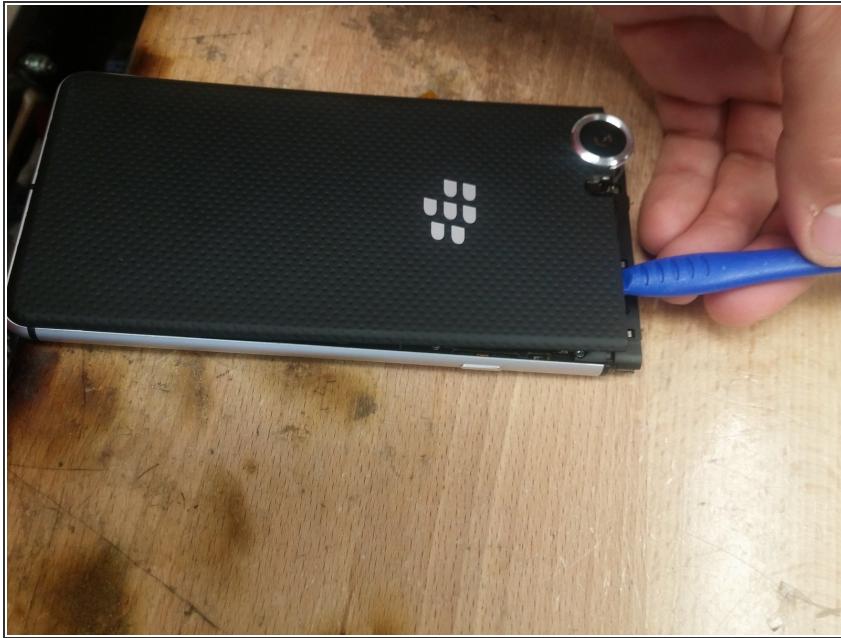
- Remove the two Phillips screws. They may be hiding under some adhesive.

Step 6 — Slide off the Plastic Top of the Phone



- The plastic top of the phone will slide off after removing the two screws.

Step 7 — Remove the Rear Plastic Battery Cover



- With the top plastic cover off it is pretty easy to use your preferred plastic pry tool and remove the battery cover.

Step 8 — Remove the Loud Speaker Cover



- Once the back cover is off remove the 7 Phillips Screws at the bottom of the phone that are covering the loudspeaker and the part of the motheboard where the USB type-C charging port is located.

Step 9 — Remove the Metal Flex Connector Bracket



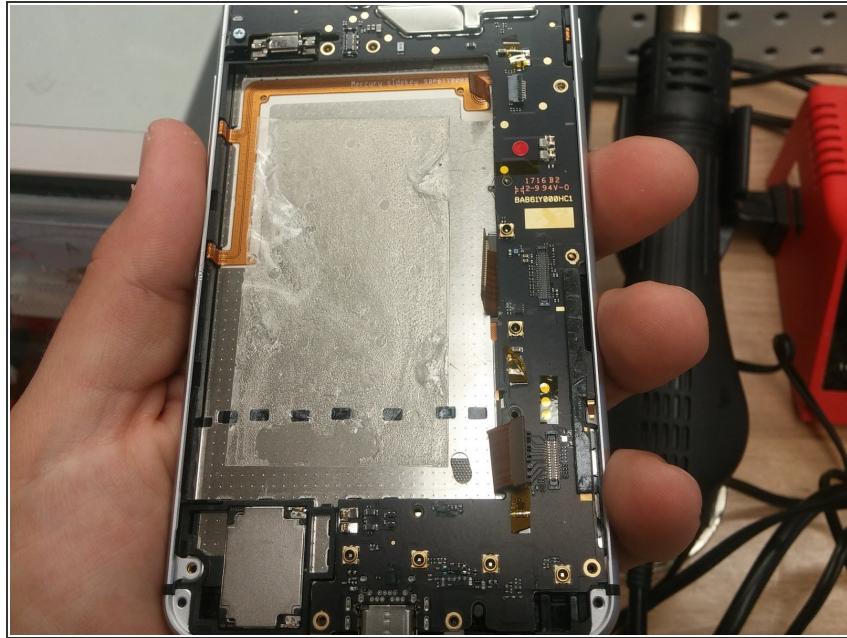
- Removing the loud speaker cover will allow you to remove the other two Phillips screws for the metal bracket that covers up a couple flex connectors.

Step 10 — Disconnect the Battery



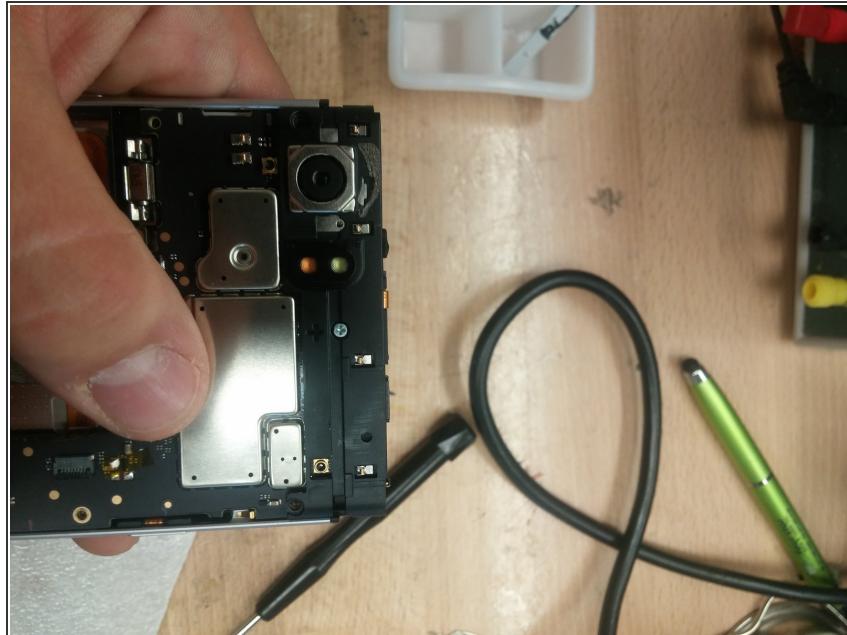
- Disconnect the two Phillips screws connecting the battery flex connector to the motherboard. Now you can remove the battery. There is ALOT of adhesive holding the battery in place. I recommend applying heat and using a plastic tool to slowly work the battery out. The volume and power flex runs under the battery. Be cautious near the top left.

Step 11 — Disconnect the Flex Cables



- With the battery out disconnect the three flex cables and remove the remaining two Phillips screws from this area of the motherboard.

Step 12 — Remove the Black Plastic Bracket



- There are three Phillips screws holding down a black plastic bracket that was previously partially covered by the silver bracket removed earlier. Two of the screws are visible without removing the silver top bracket but the third middle screws requires the top bracket be removed first.

Step 13 — Remove the Motherboard



- With all screws and brackets removed and all flex cables disconnected you can now remove the motherboard. I recommend starting at the top (Rear facing camera side) and removing the board top down because the charging port sits in the frame of the phone and will come out more easily last.

Step 14 — Done!



- All done the motherboard is out. Revealing the vibrate motor and headphone jack.

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