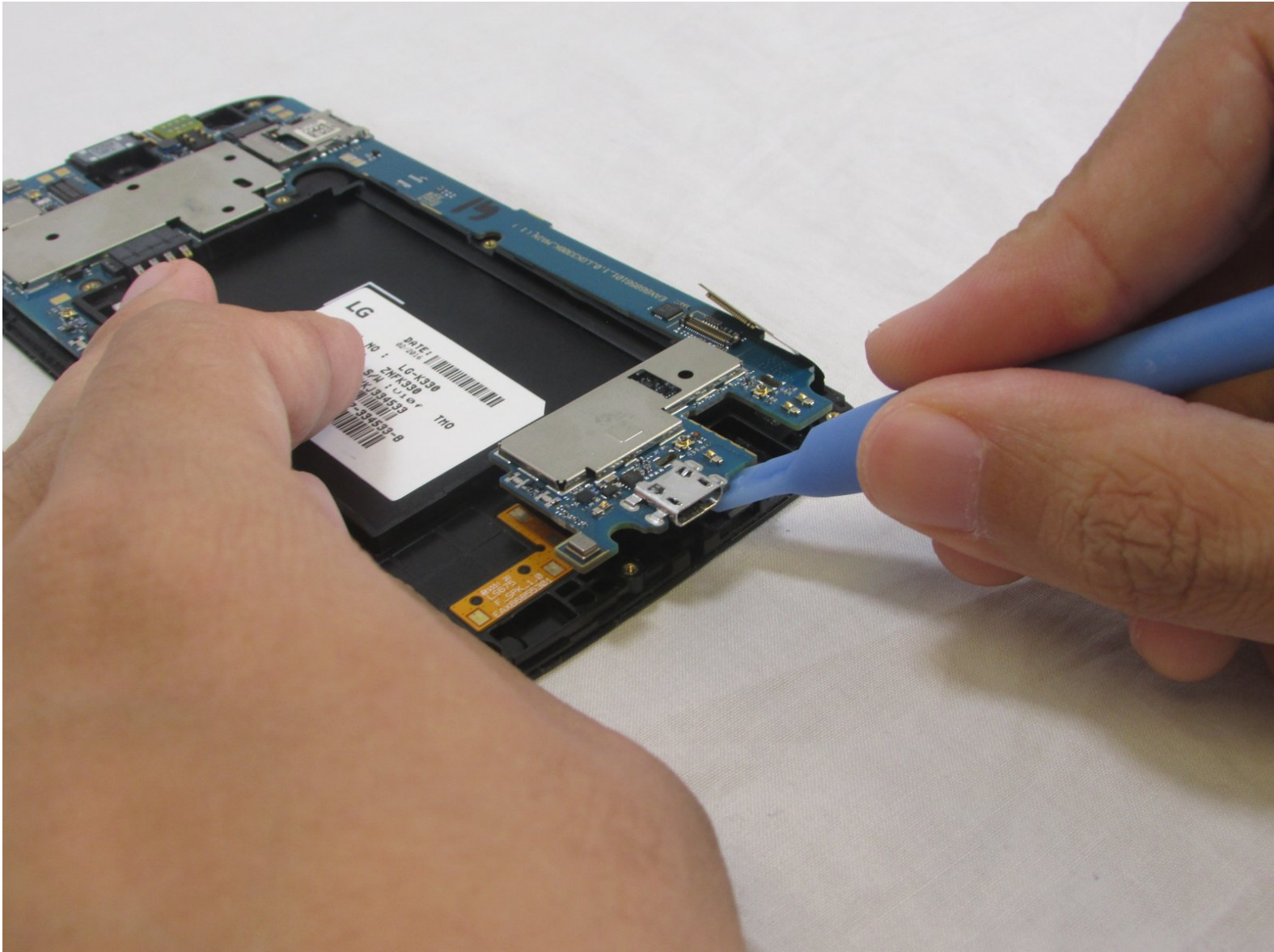




LG K7 T-Mobile Motherboard Replacement

Written By: Brandon Jones



INTRODUCTION

This is guide will demonstrate how to remove the motherboard from a LG-K7. The motherboard has numerous of components connecting to it and user should be careful while removing these component so the main board doesn't get damage.



TOOLS:

- [Spudger](#) (1)
- [iFixit Opening Tools](#) (1)
- [Phillips #00 Screwdriver](#) (1)



PARTS:

- [LG-K7 mother board](#) (1)

Step 1 — Battery



- Flip the LG K7 over so that the back of the phone is facing up.
- Locate the small notch on the bottom left side of the phone.

Step 2



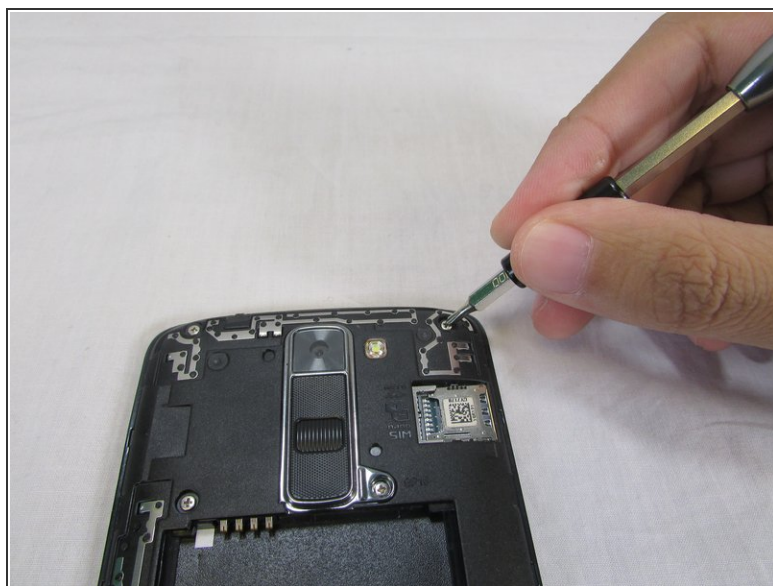
- Insert a plastic opening tool into the notch and lift the back cover upward while holding the bottom portion of the phone down to remove it.

Step 3



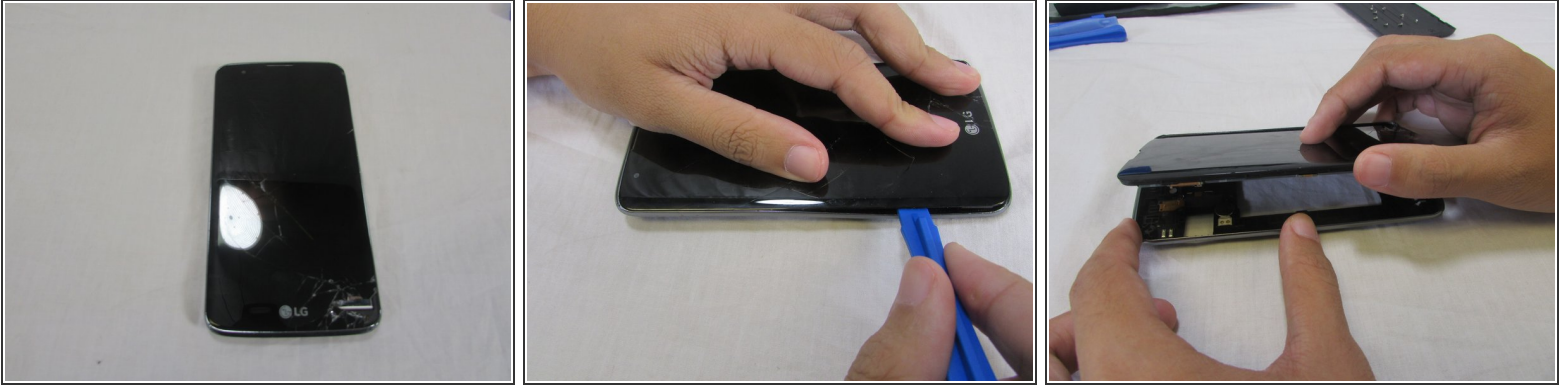
- Remove the battery.

Step 4 — Motherboard



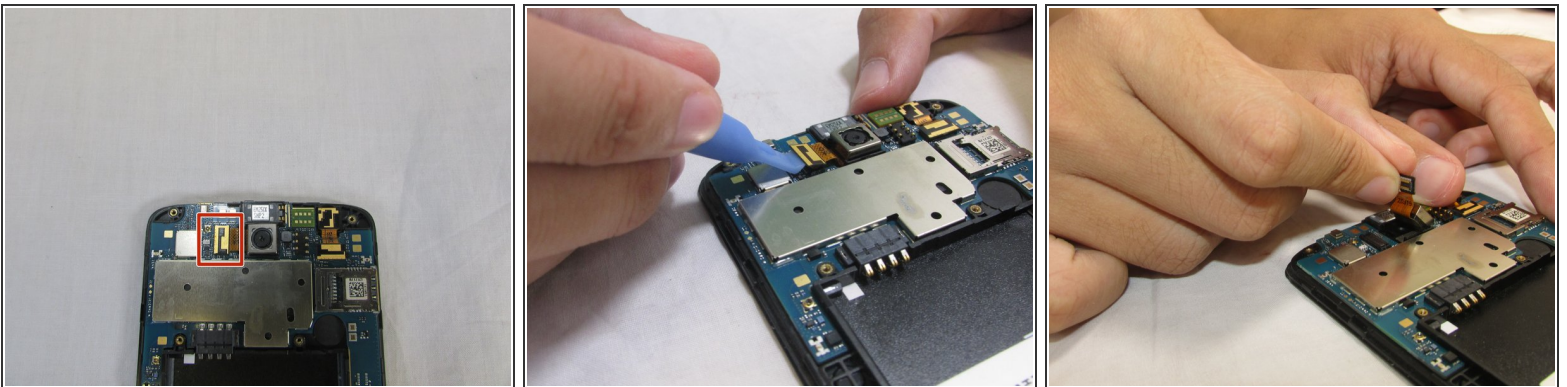
- Located to nine 3.4 mm screws that keep that keep the phones rear housing in tacked.
- Using a Phillips 00 screwdriver remove all nine 3.4 mm screws.

Step 5



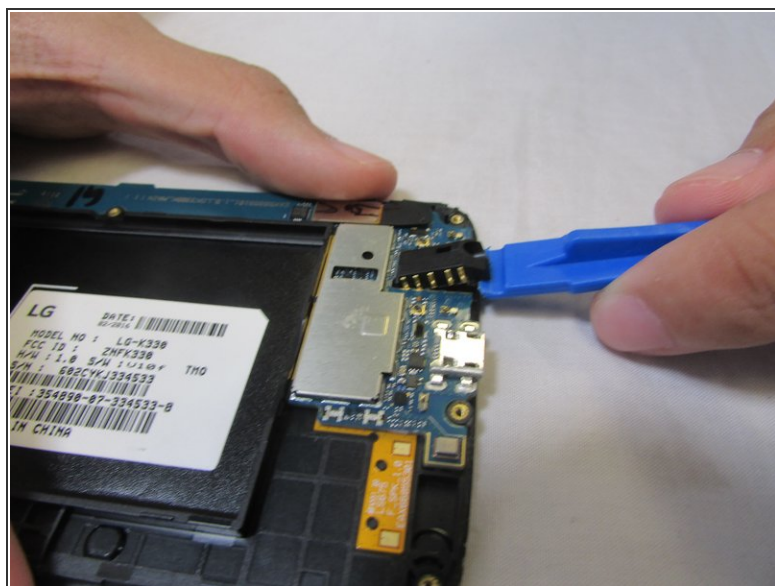
- Turn the phone over so the screen is facing up.
- Insert your plastic opening tool between the midframe and front panel assembly on the side of the phone.
- Slide the plastic opening tool down the seams carefully to separate the screen from the rest of the phone housing.

Step 6



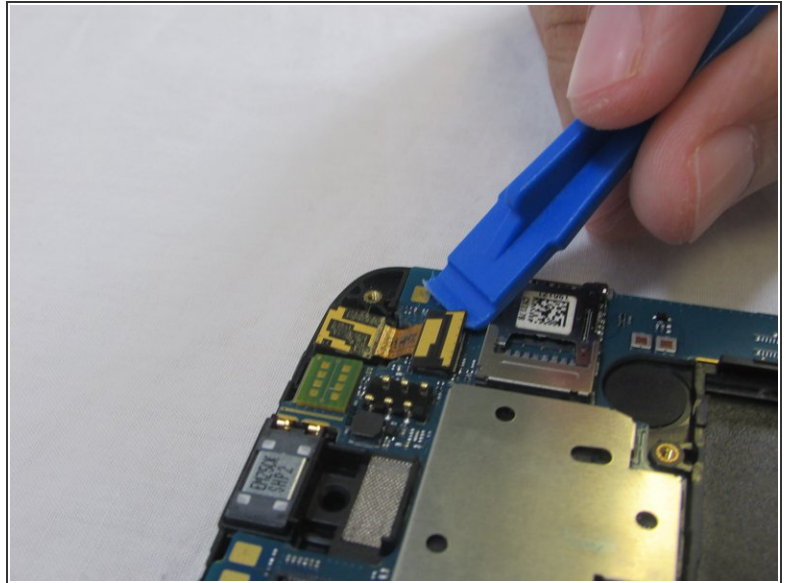
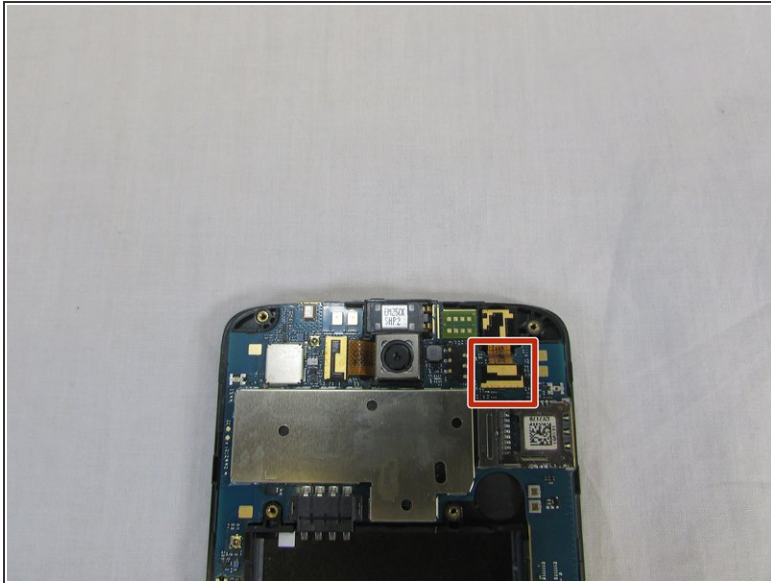
- Locate the lock that holds the camera's ribbon cable in place.
- Carefully remove the camera's ribbon cable from the motherboard using the plastic removal tool.
- Holding the camera ribbon you just released pull upwards and the camera should release from the case.

Step 7



- Locate the headphone jack towards the bottom right of the phone.
- Place a plastic removal tool underneath the head phone jack.
- Lift the plastic removal tool upward to remove the earphone jack from the phone case.

Step 8



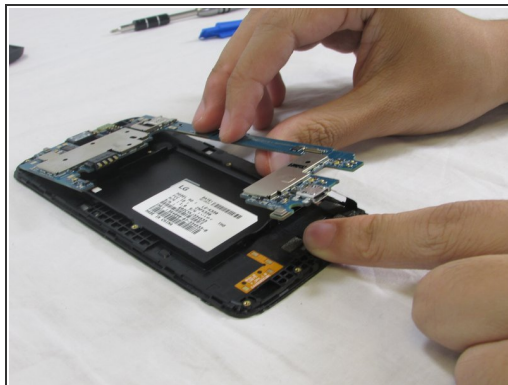
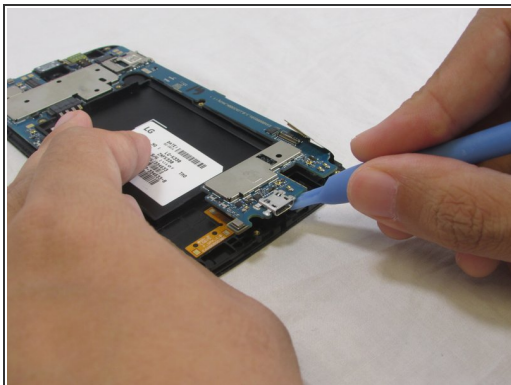
- Locate the ribbon for the front facing camera.
- Carefully remove the front facing camera's ribbon cable from the motherboard using the plastic removal tool.
- Holding the front camera ribbon you just released pull upwards and the camera should release from the case.
- Remove the band that connects the screen display to the motherboard.

Step 9



- Locate the ribbon cable that connects the screen to the motherboard.
- Carefully remove the screen's ribbon cable from the motherboard using the plastic removal tool by lifting the ribbon cable upwards.

Step 10



- Wedge a plastic opening tool between the motherboard and the phones casing.
- While using one finger to hold down a portion of the phone pull upwards with the plastic opening tool to loosen the motherboard from the phone casing.
- Once there is some space between the board and the phone case, using your hands carefully lift the motherboard from the phone casing.

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