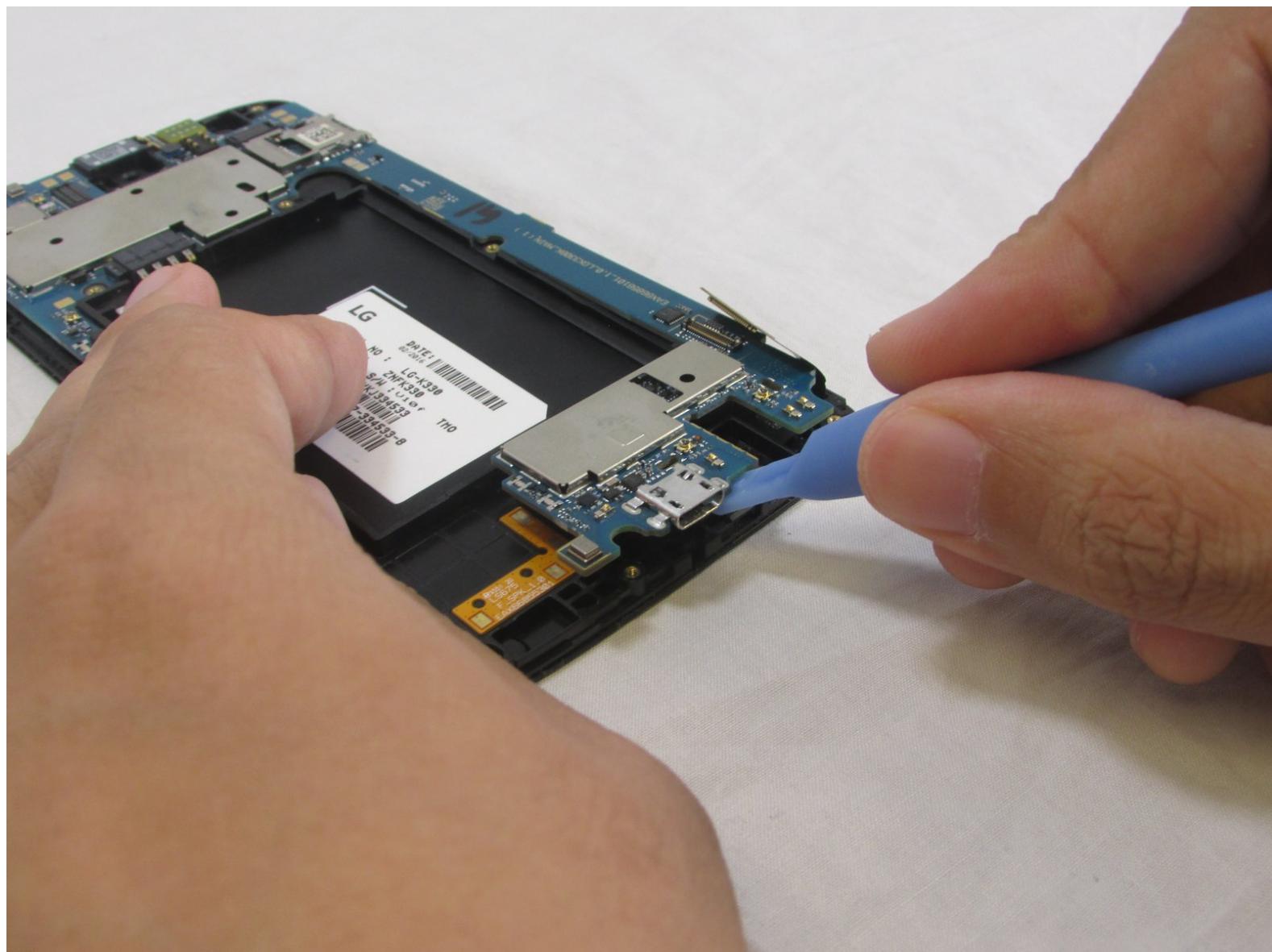




# LG K7 T-Mobile Motherboard Replacement

Written By: Brandon Jones



## INTRODUCTION

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

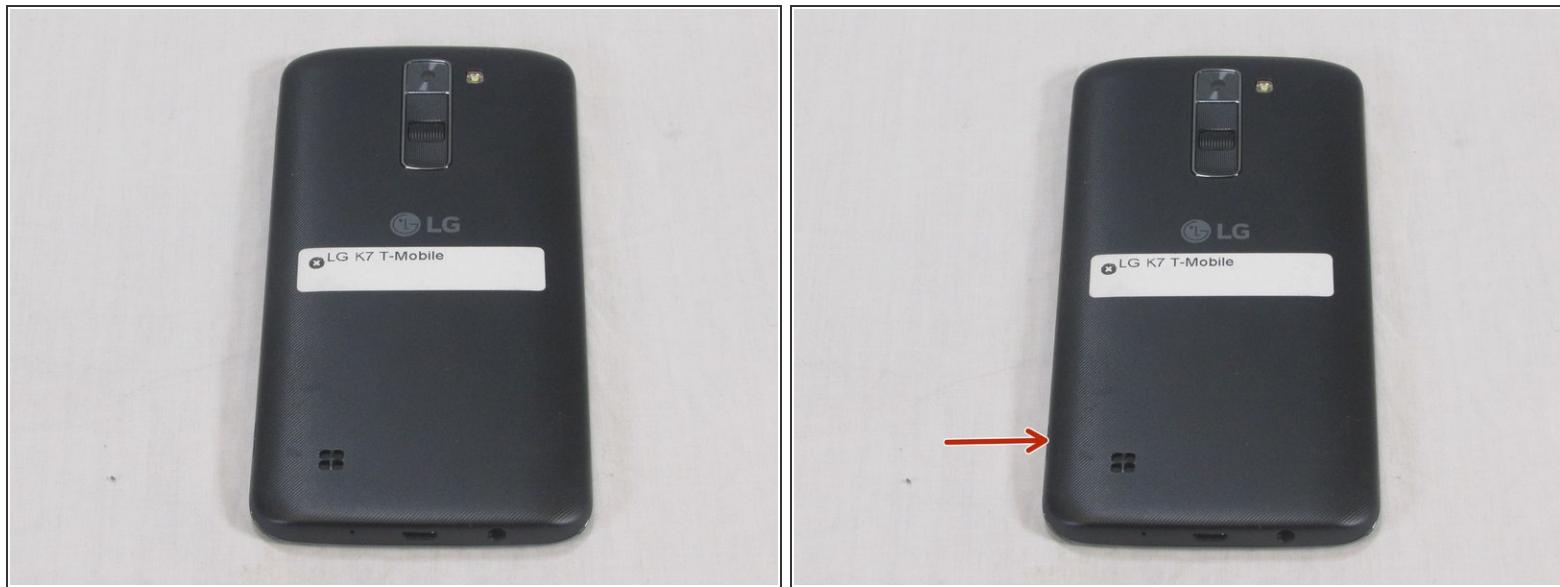
### TOOLS:

- [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



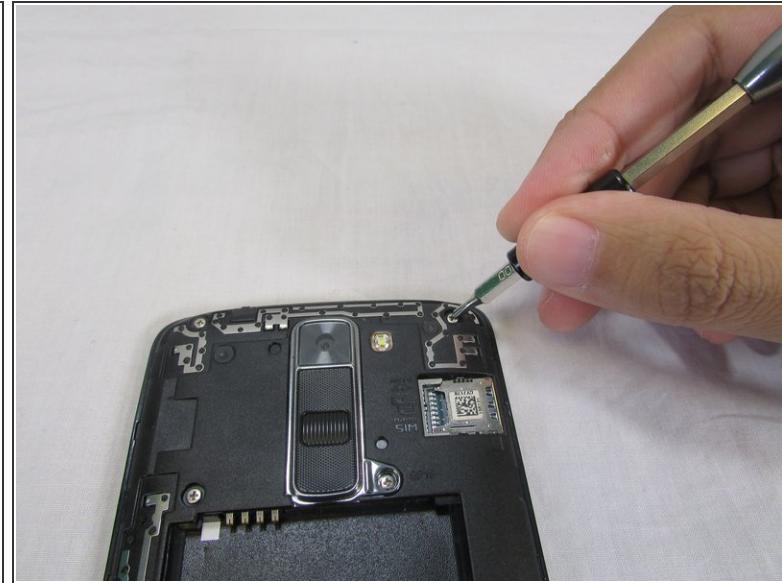
- Insert a plastic opening tool into the notch and lift the back cover upward while holding the bottom portion of the phone down to remove it.

## Step 3



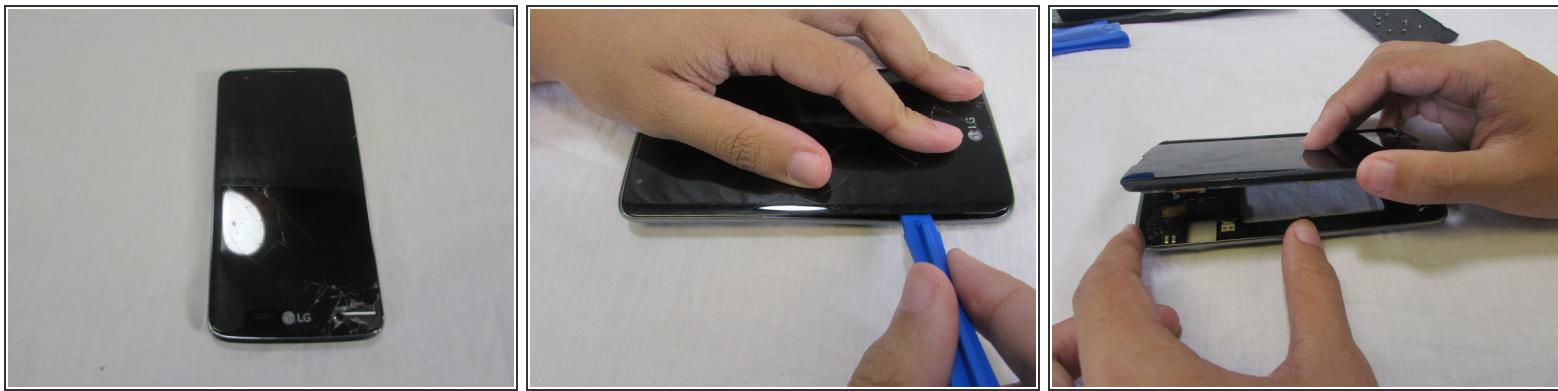
- Remove the battery.

## Step 4 — Motherboard



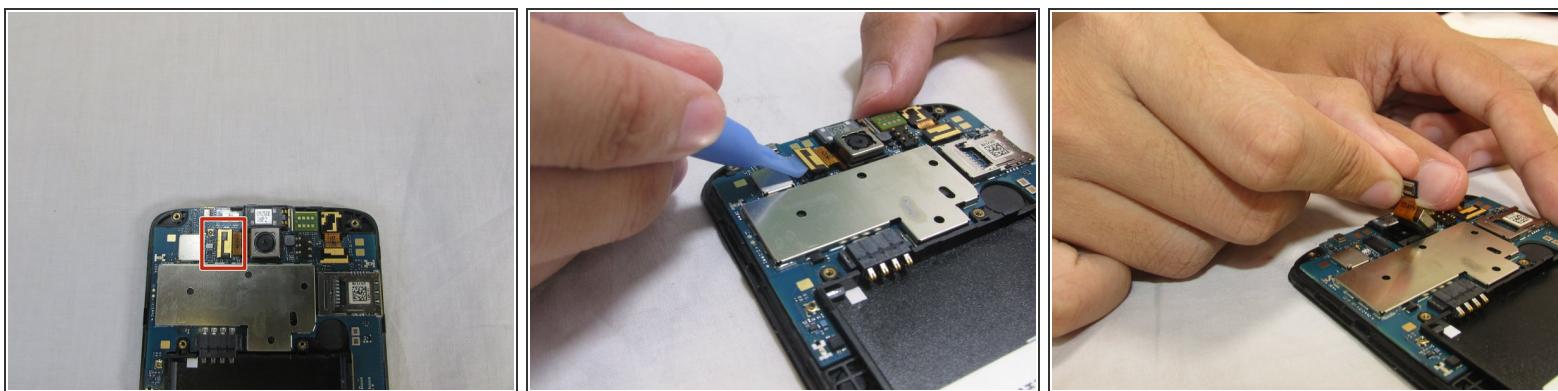
- Located to nine 3.4 mm screws that keep that keep the phones rear housing in tacked.
- Using a Phillips 00 screwdriver remove all nine 3.4 mm screws.

## Step 5



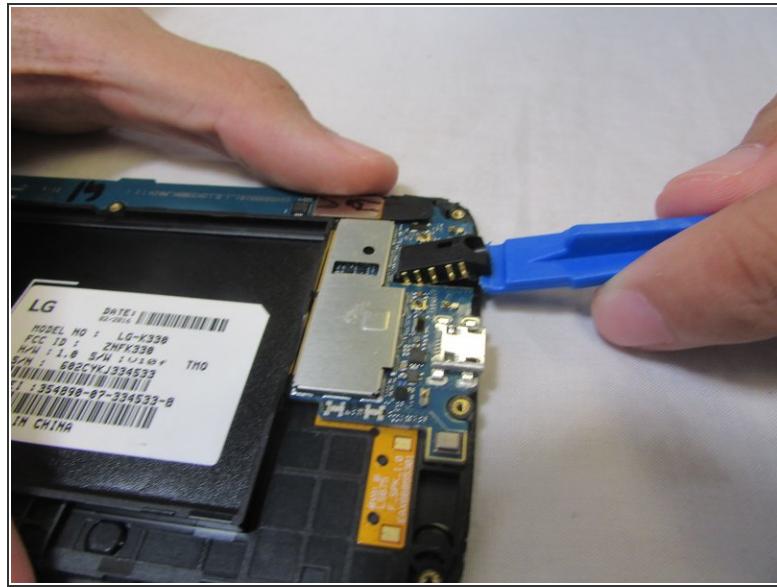
- Turn the phone over so the screen is facing up.
- Insert your plastic opening tool between the midframe and front panel assembly on the side of the phone.
- Slide the plastic opening tool down the seams carefully to separate the screen from the rest of the phone housing.

## Step 6



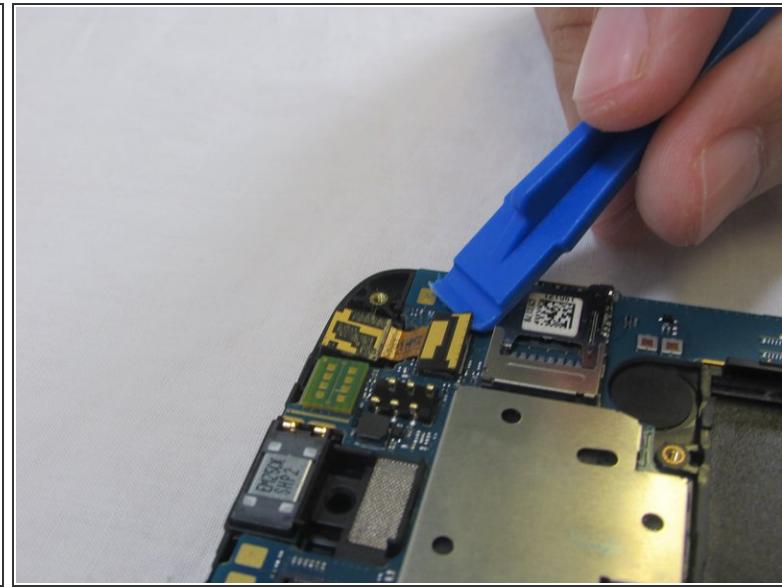
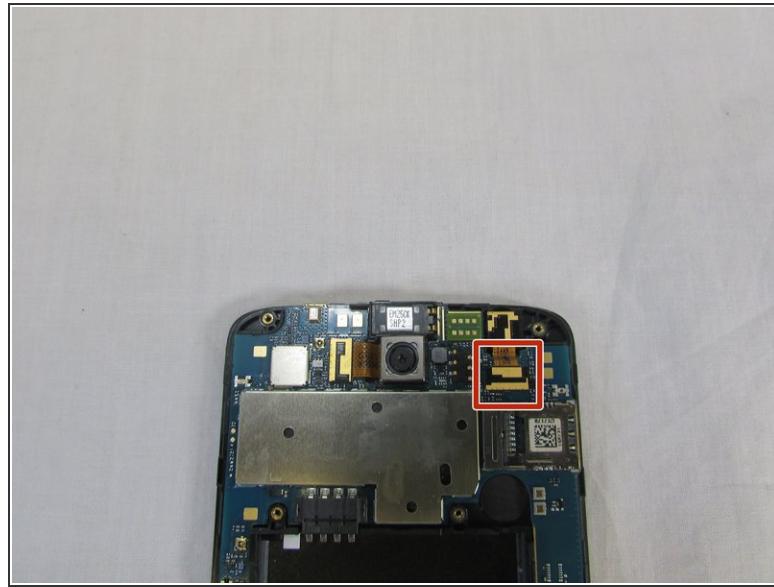
- Locate the lock that holds the camera's ribbon cable in place.
- Carefully remove the camera's ribbon cable from the motherboard using the plastic removal tool.
- Holding the camera ribbon you just released pull upwards and the camera should release from the case.

## Step 7



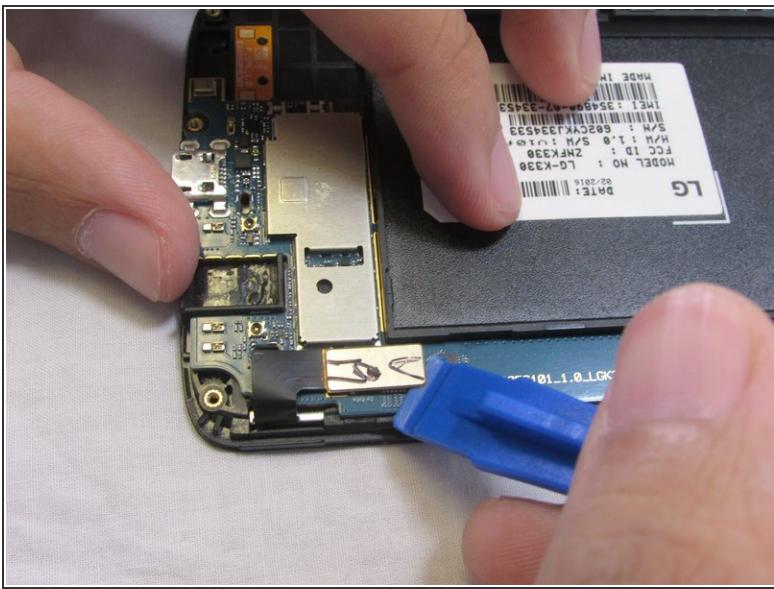
- Locate the headphone jack towards the bottom right of the phone.
- Place a plastic removal tool underneath the head phone jack.
- Lift the plastic removal tool upward to remove the earphone jack from the phone case.

## Step 8



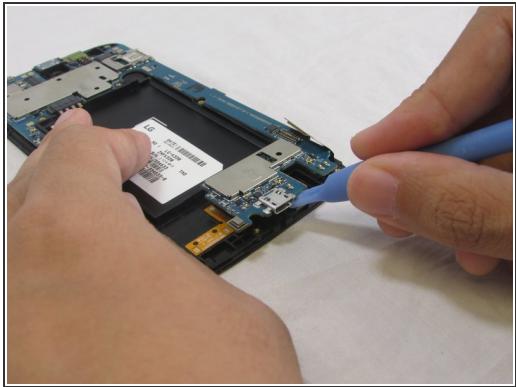
- Locate the ribbon for the front facing camera.
- Carefully remove the front facing camera's ribbon cable from the motherboard using the plastic removal tool.
- Holding the front camera ribbon you just released pull upwards and the camera should release from the case.
- Remove the band that connects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

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