



Microsoft Lumia 640 LTE Motherboard Replacement

show how to replace the motherboard.

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INTRODUCTION

This guide is used for replacing the motherboard on the device . This makes the device to work at faster speeds.



TOOLS:

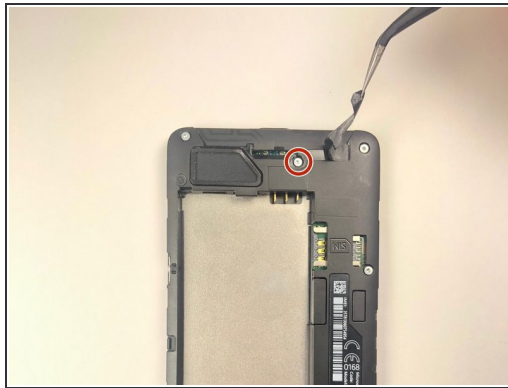
- [T4 Torx Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Fingers](#) (1)
 - [Spudger](#) (1)
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Step 1 — Back Cover



- Use your thumb or fingernail on the edge/corner of the phone to pry the back cover off the phone.

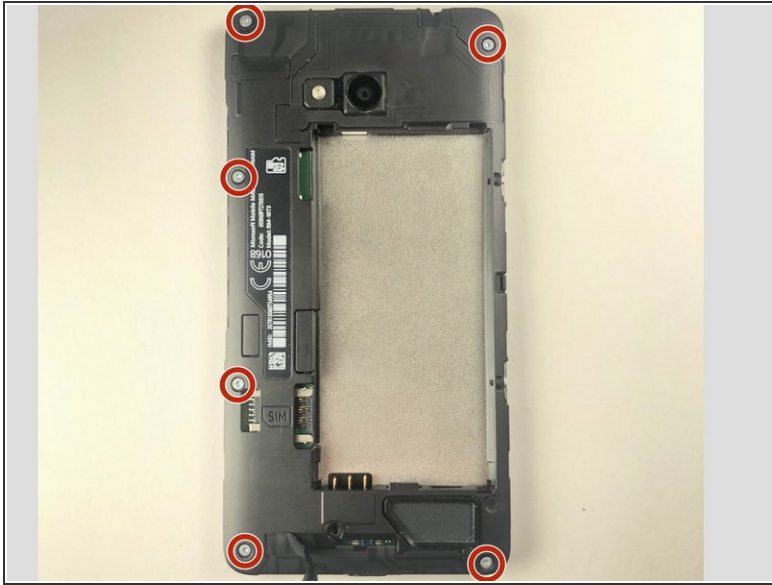
Step 2 — Screen



- Use the tweezers to pull back the sticker, revealing the screw underneath.

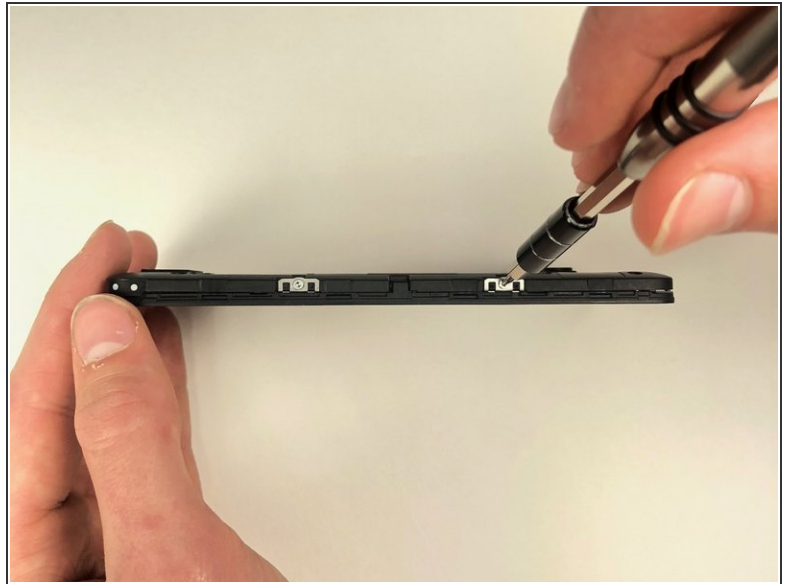
⚠ Be careful when taking out the screws as they can strip easily.

Step 3



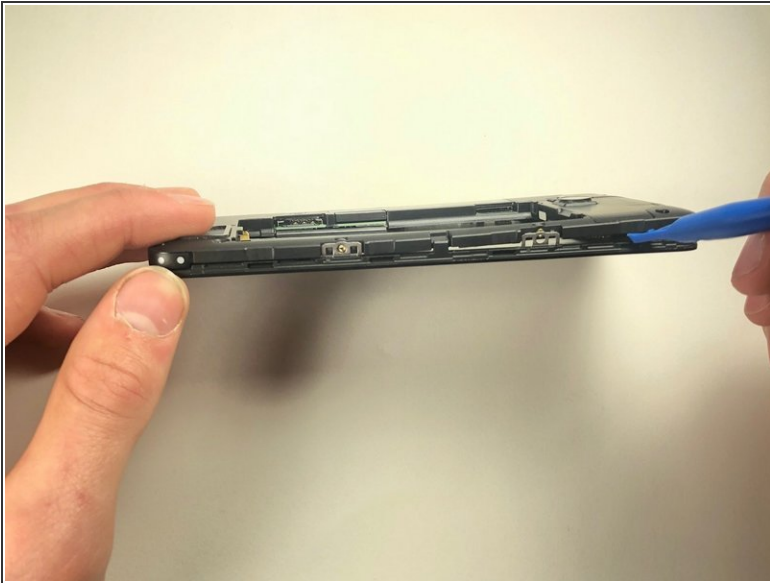
- Use the T-4 bit to unscrew the screws in the 4 corners, along with the two screws in the middle left side.

Step 4



- Using the T-4 bit, unscrew the two (2) screws.
- ⓘ Keep these screws separate from the screws from back of the phone to ensure that the right screws go where they belong.

Step 5



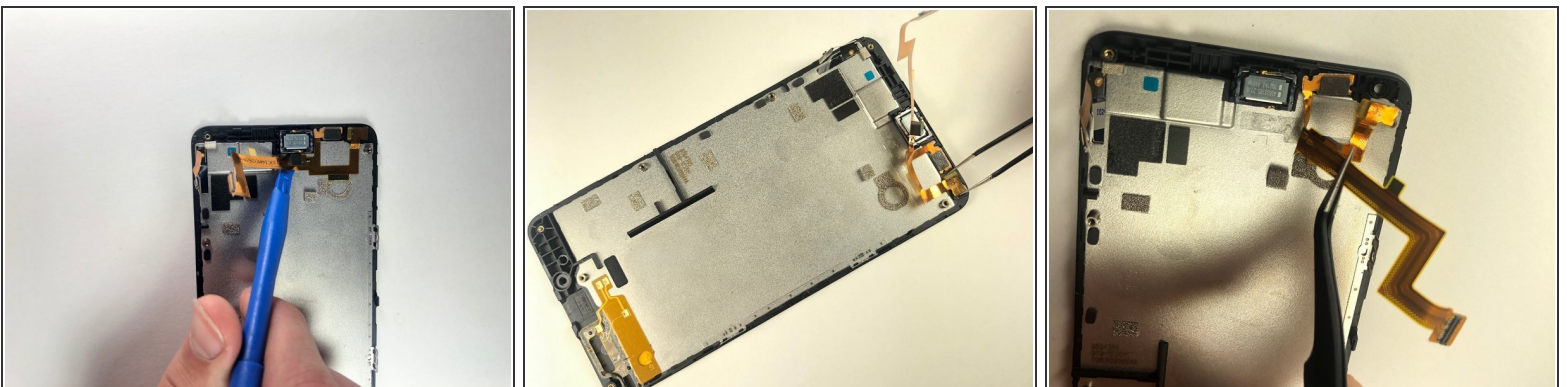
- Using the plastic opening tool to separate the screen from the back plastic casing
- Use the tweezers to release the clip on the side of device, and remove the back of the phone.

Step 6



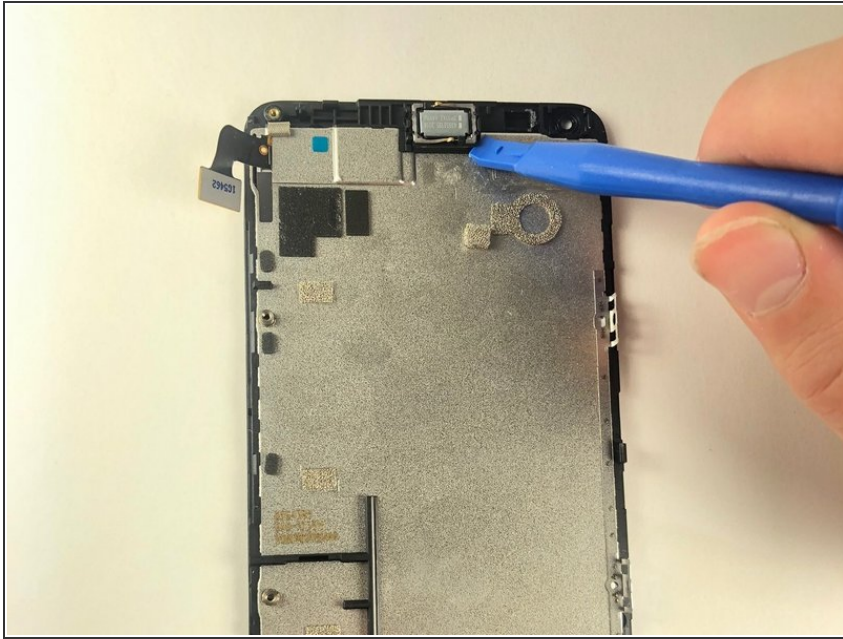
- Using the tweezers or a spudger, pull the gold tab up gently
- Using the tweezers or spudger, pull the white circuit up gently to completely detach the screen from the phone
- **For Motherboard replacement skip to step 11 after finishing this step**

Step 7



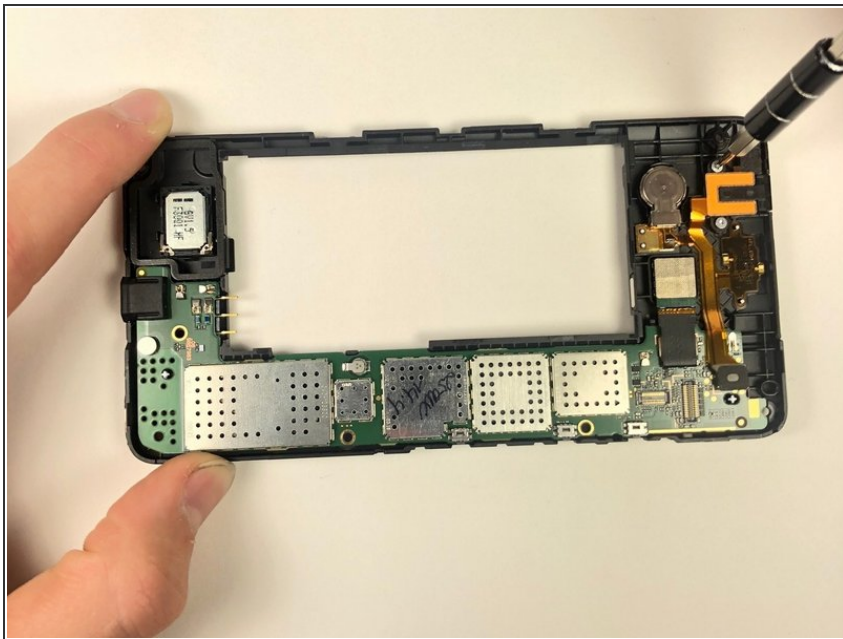
- Using the plastic opening tool, carefully get under the gold strip
- Using tweezers pull up the camera. The camera just sits in there
- using the tweezers pull up on the depth sensor. This is held in by a strong adhesive

Step 8



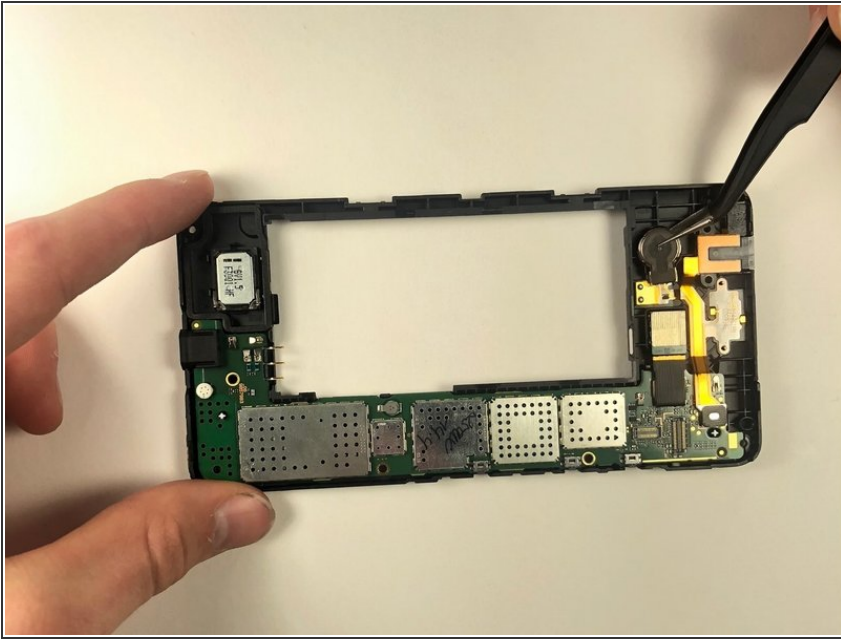
- Using the plastic opening tool, pry up the ear speaker. This is held in by strong adhesive.

Step 9 — Headphone Jack



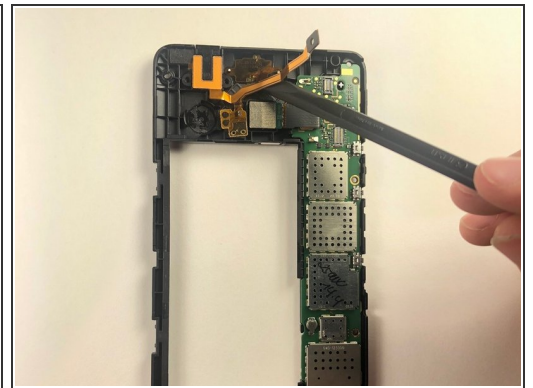
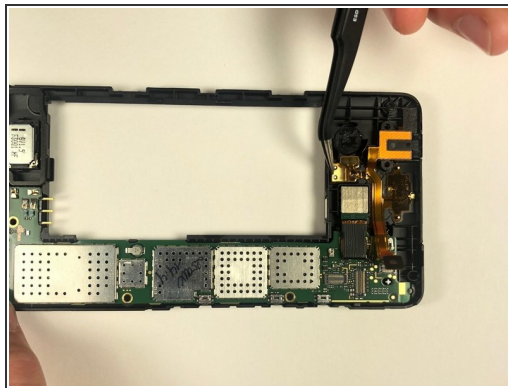
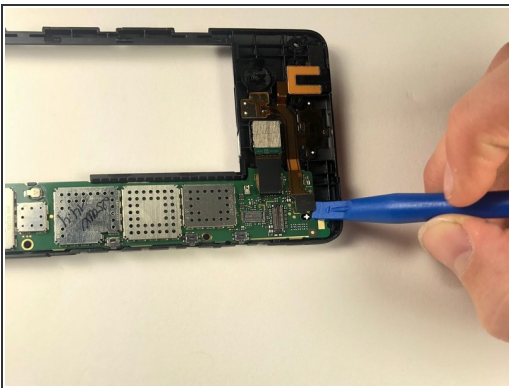
- Unscrew 2 remaining screws with T-4 bit.

Step 10



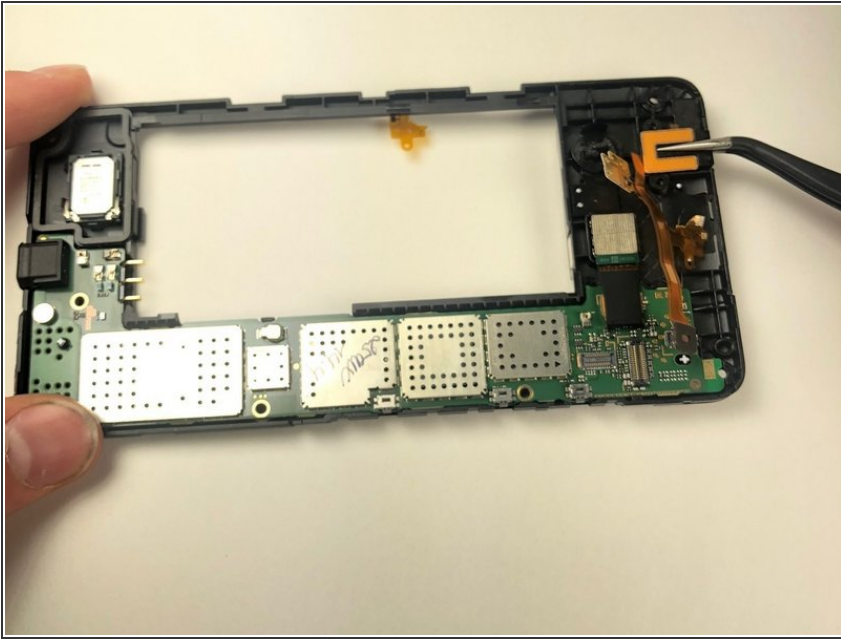
- Remove speaker using tweezers.

Step 11



- Use the plastic opening tool to lift up black tab
- Using the tweezers, gently pull up on the gold tab
- using the spudger, slowly get underneath the gold sticker to pry it up. Held down with strong adhesive

Step 12



- Remove orange insulator foam with tweezers.

Step 13 — Motherboard



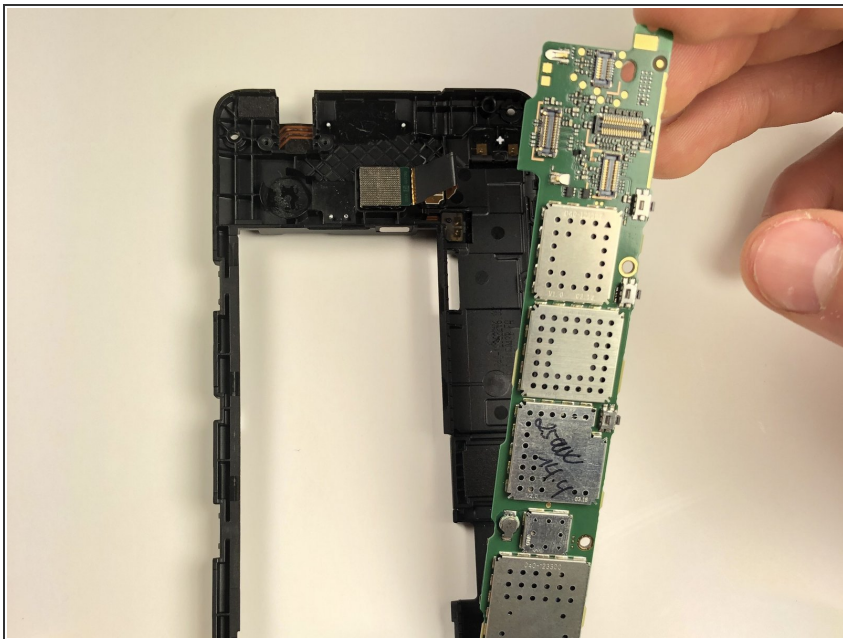
- Using the pry tool lift up on the black tab

Step 14



- Using the spudger, press out the motherboard.

Step 15



- Gently wiggle out the motherboard.

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