LG Cosmos 3 Motherboard Replacement

Replacement of the LG Cosmos 3 motherboard.

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INTRODUCTION

This guide is going to be explaining how to replace the motherboard on an LG Cosmos 3 mobile phone. For this replacement, you will only need basic understanding of how electronics are assembled.

🔧 TOOLS:
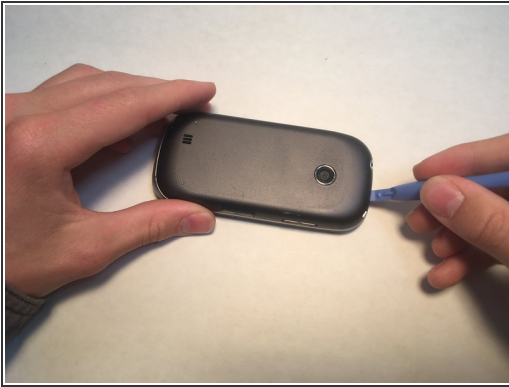
- Phillips #00 Screwdriver (1)
- Tweezers (1)
- Plastic Opening Tool (1)

⚙ PARTS:

- LG Cosmos 3 MotherBoard (1)

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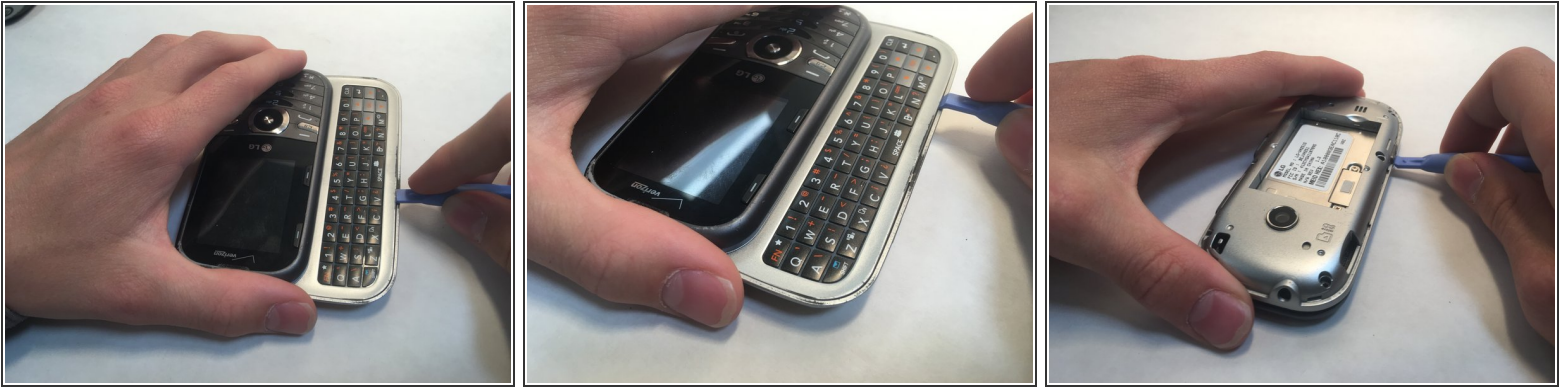
Step 1 — Motherboard

- Before completing this step, make sure your device is turned off. Once it is turned off, remove the back cover gently from the phone by prying under the clip near the camera.
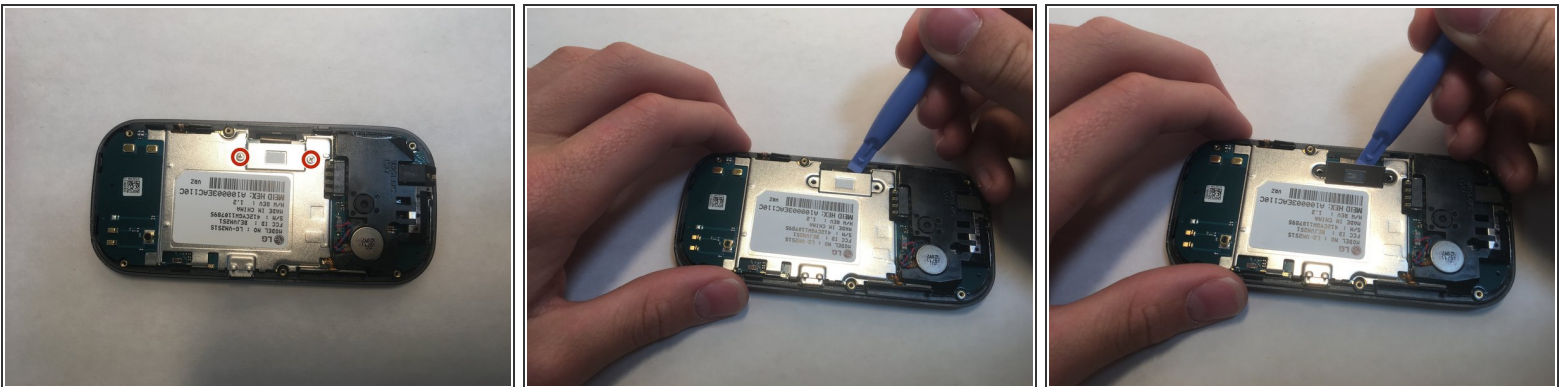
Step 2

- Unscrew the six 2 mm screws from under the back panel.
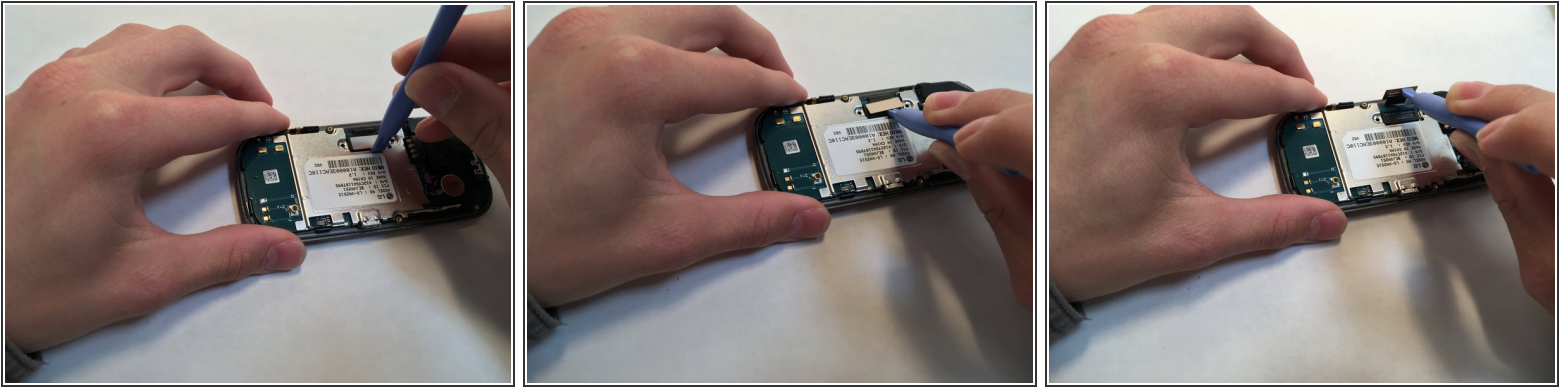
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Step 3

- Remove the rear casing by prying along the edge of the keyboard bezel, then along the outside edge near the camera button.

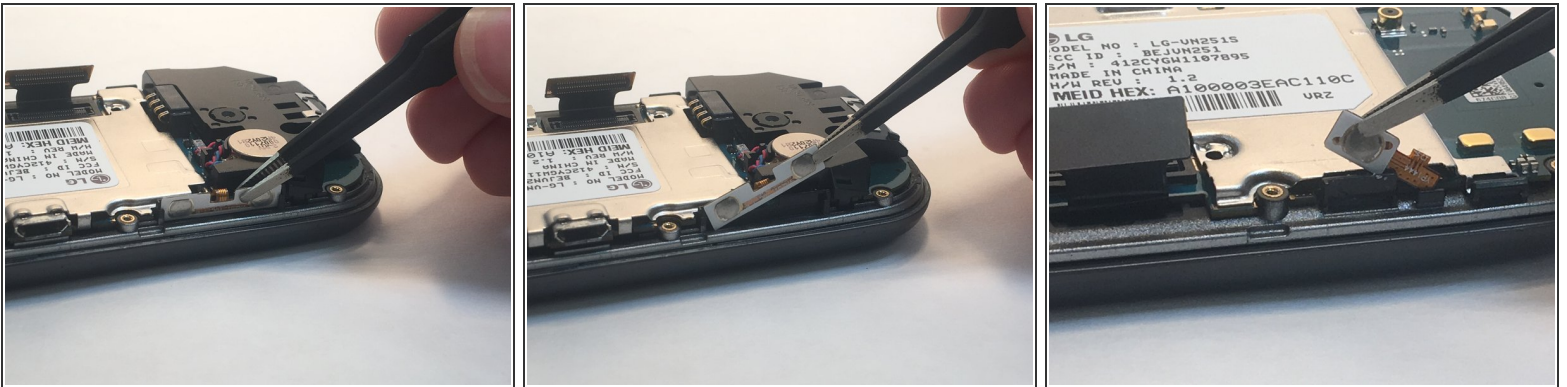- (i) Slide out the built in keyboard for part of this step.

Step 4

- Take out the two 3mm screws on the metal plate covering the ribbon cable.
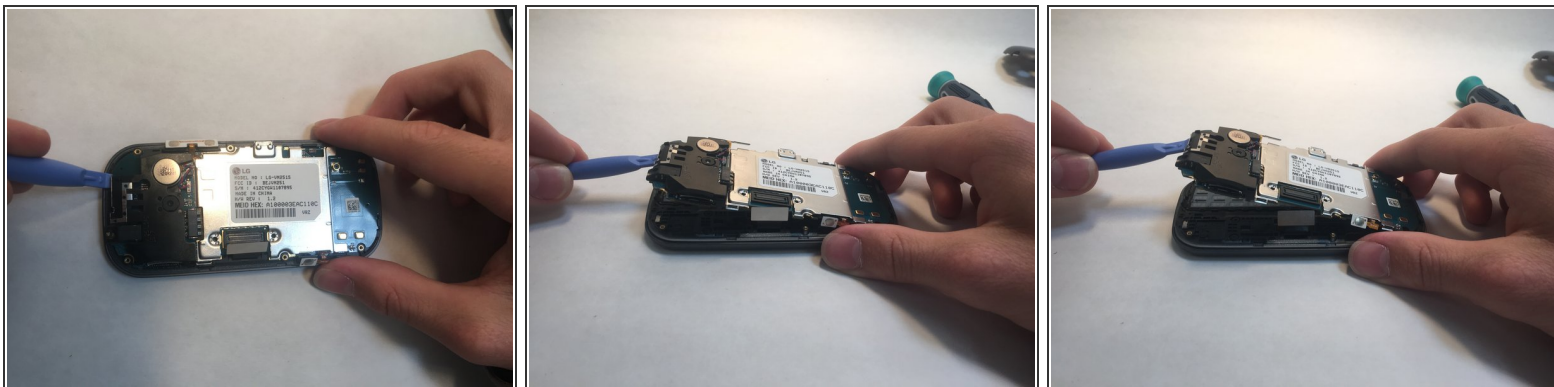
- Remove ribbon cable cover.

Step 5

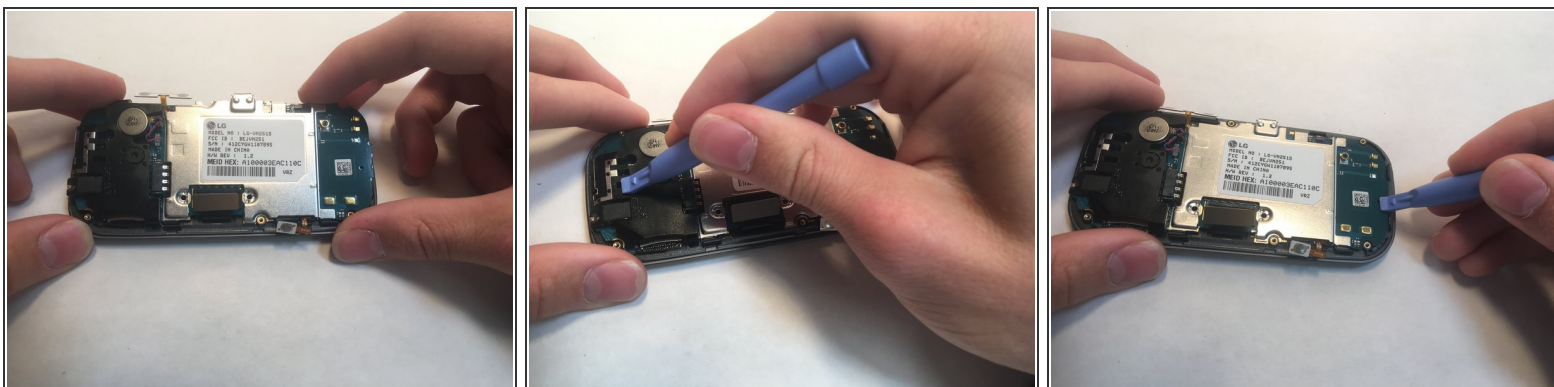- Disconnect ribbon cable.

Step 6

- Disconnect volume buttons and camera button from the mounts.

Step 7

- Remove the motherboard from the rest of phone by prying under the board to the side of the headphone jack.

Step 8

- Replace the old motherboard with the new motherboard by reversing previous step, and pressing with plastic tool near ends of board to snap it into place.

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