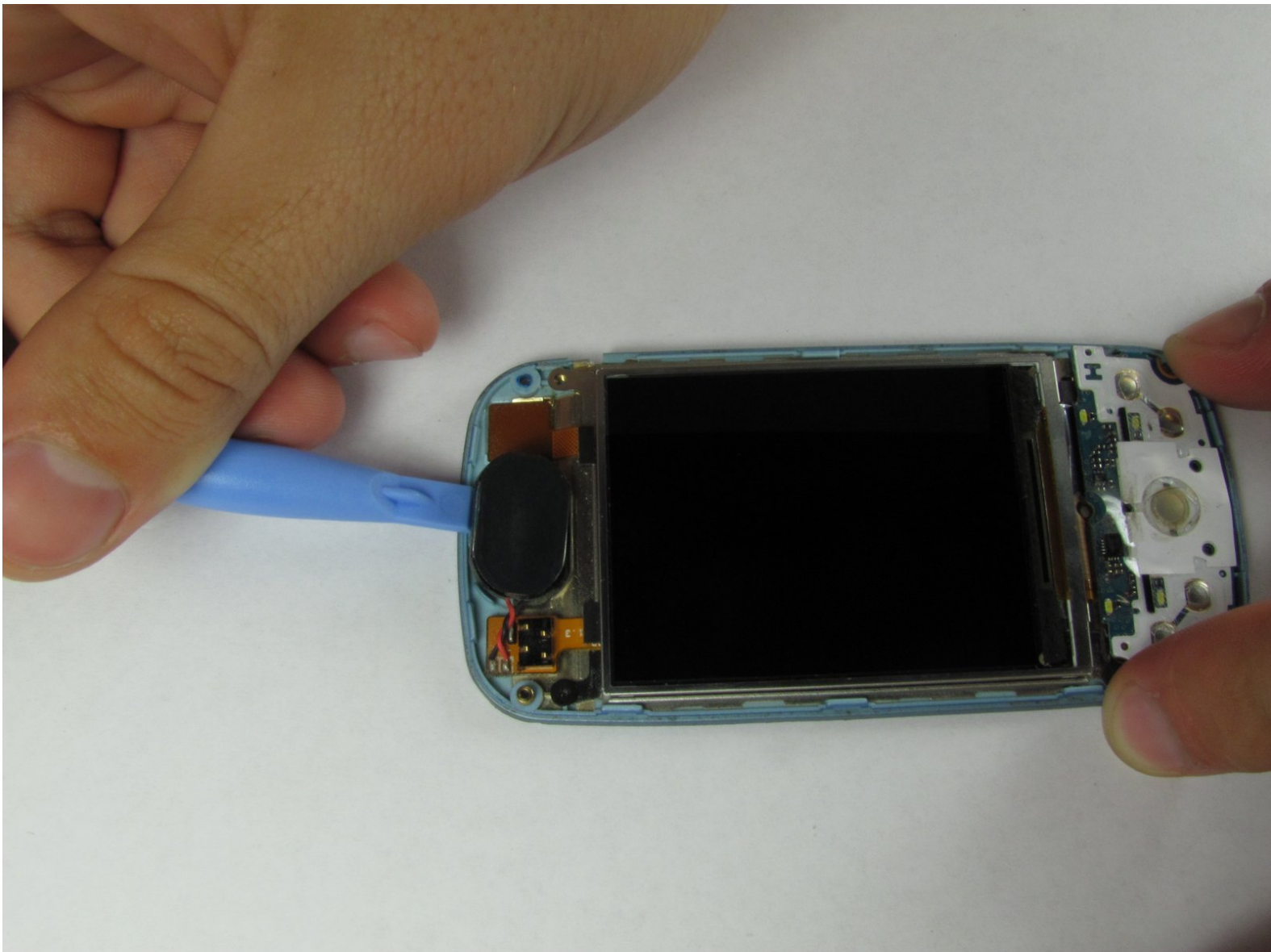




LG Neon II Speaker Replacement

This guide shows you how to install a new speaker into your LG Neon II phone.

Written By: Sara



INTRODUCTION

The LG Neon II GW370, a cell phone released in 2010, is complete with a camera, music player, and slide out QWERTY keyboard. It comes in a variety of colors, the most common being blue, green, orange, red, and black.

TOOLS:

- [Soldering Iron](#) (1)
-

Step 1 — Battery



- To gain access to the phone's speaker, grip the phone firmly in an inverted position with the back of the unit facing up and the LG insignia positioned away from you.
- Using both hands as support, use your thumbs to gently guide the rear housing away and in the direction of the arrow.

Step 2




- After removing the phone's back-panel, securely cushion the front of the phone on a soft surface such as a cloth or your hand.
- Gently insert a spudger under the lip of the battery, preferably the lip away from the camera eye.
- Gently pry the battery out of its seated position.

Step 3 — Button Board



- To separate the button board/circuit module from the phone main frame, firmly, but gently, unscrew (counter-clockwise) the seven outside 4 mm screws along the rear outside rim of the main body.


 Hold the phone securely.


 Be sure to use the appropriate Philips #0 screw driver for the job. Not using the appropriate tool could damage the mounting screws.

Step 4



- Locate the lifted portion of plastic on the bottom end of the phone near the charger.
- Slide the plastic opening tool underneath this lip, and gently pry the black plastic cover off.

 Use the appropriate plastic pry tool to avoid circuit board damage.

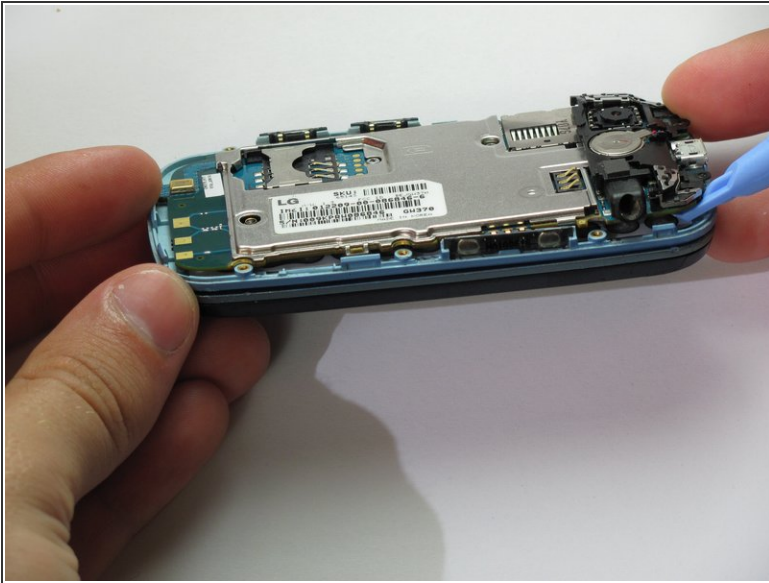
 There are three buttons around the outside of the phone that will fall out when you remove the plastic cover.

Step 5



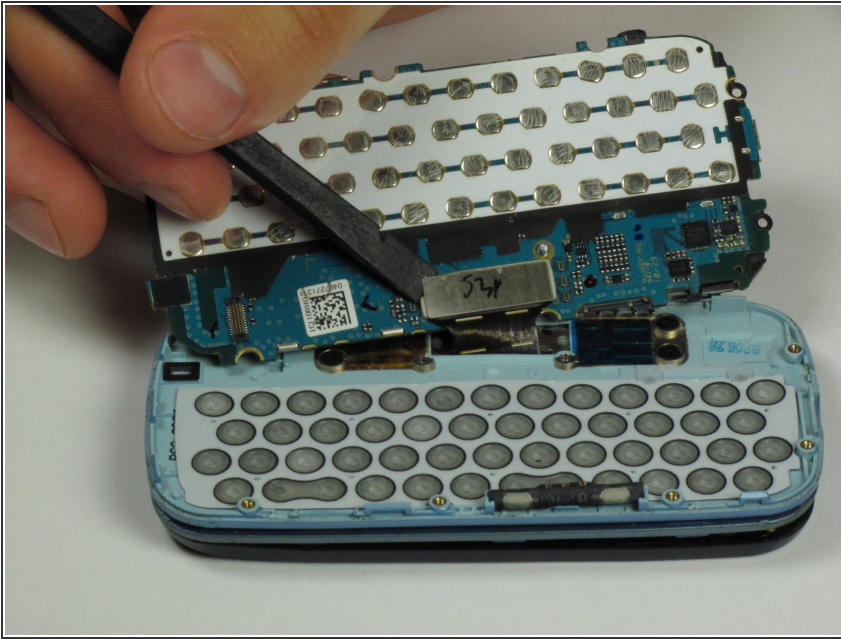
- Loosen the two captive screws on the metal plate near the center of the phone using the Phillips #0 Screwdriver.
- ⓘ The screws will remain captive in the metal plate—do not attempt to remove them after they're loosened.

Step 6



- Using the plastic opening tool, gently pry the circuit board from the phone.
- ⓘ You may need to pry the circuit board in multiple locations to fully loosen it from the phone.
- ⚠ The underside of the circuit board is attached to the phone by some black tape. You will not be able to fully remove the circuit board, but you will be able to access the keyboard buttons located on the underside of the circuit board.
- The partially separated circuit board may be attached to the main button area by factory adhesive/tape. If so, use a soft padded surface to rest the mother board on. Your work area will still be accessible without separating the two units.

Step 7 — Front Panel



- After prying the circuit board up, it will be attached by black tape. This tape connects the circuit board to a metal rectangle.
- Use the spudger between this metal rectangle and the phone to disconnect the two halves of the phone.

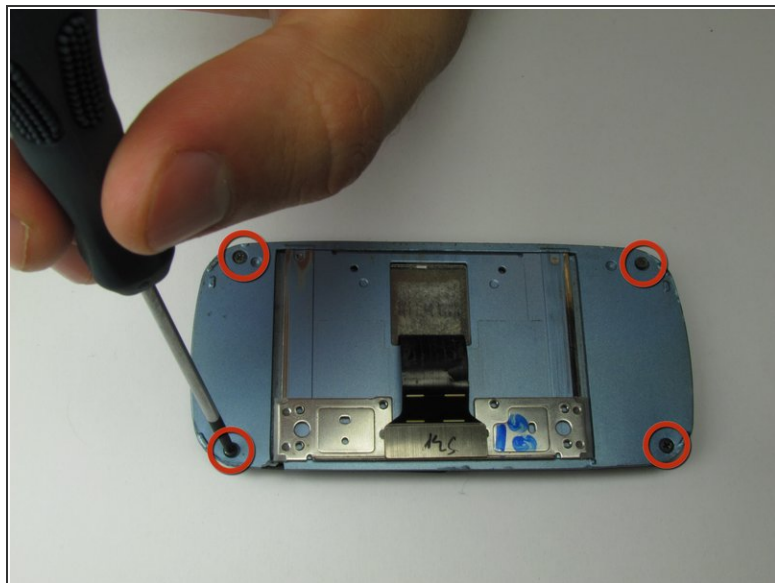
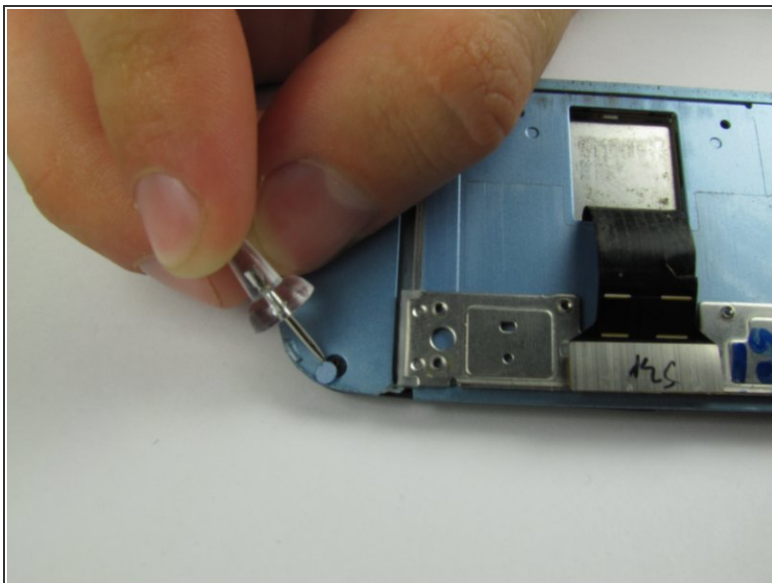
⚠ Once this step is complete the phone should be split in two.

Step 8



- Unscrew the four 1.75 mm screws located on both sides of the black tape using a Phillips #0 screwdriver.
- There are two screws on each side.
- ⓘ The keyboard should now be fully detached from the phone.

Step 9





- Using the pointed end of the spudger (or something sharp like a safety pin or push pin), remove the plastic screw covers along the corners of the phone.
- Unscrew the four 3.5 mm screws that are underneath the covers.

Step 10

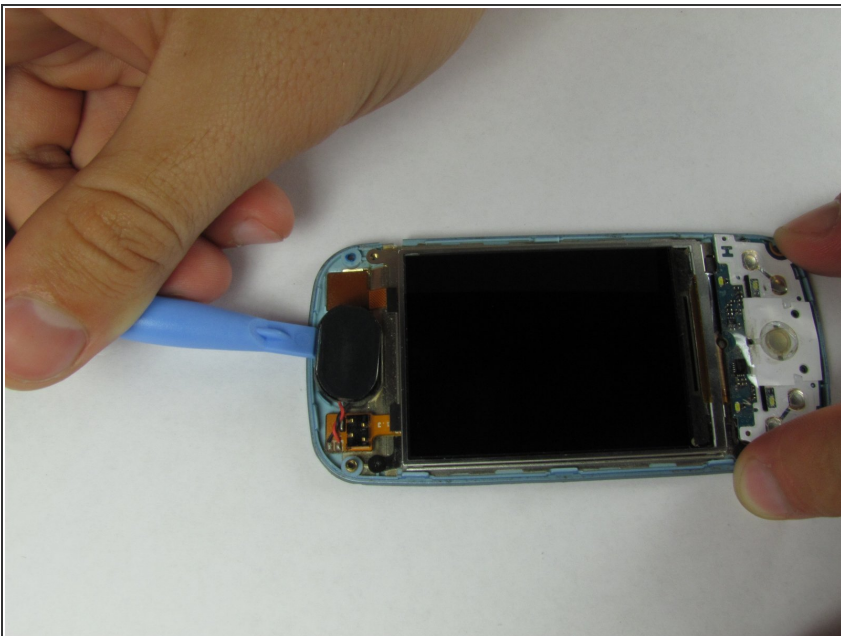


- Flip the phone over. Using the plastic opening tool, remove the front casing from the phone.

 You should now be able to see the interior components of the screen.

 When you pop the front panel off, the Call buttons will fall out.

Step 11 — Speaker



- Use the plastic opening tool or the spudger to carefully remove the speaker from its casing.

Step 12



- Notice the two wires coming out of the speaker. They are soldered together onto two joints.
- To install the new speaker, desolder these joints to remove the malfunctioning speaker using a soldering iron.
- Solder the wires of your new speaker into the same joints.
- ⓘ The pictured push pin is only for demonstration purposes. You may find the iFixit [Soldering Station](#) suitable for the task.

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