



LG VX3100 Speaker Replacement

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INTRODUCTION

BEFORE STARTING, note that this repair guide requires soldering experience!

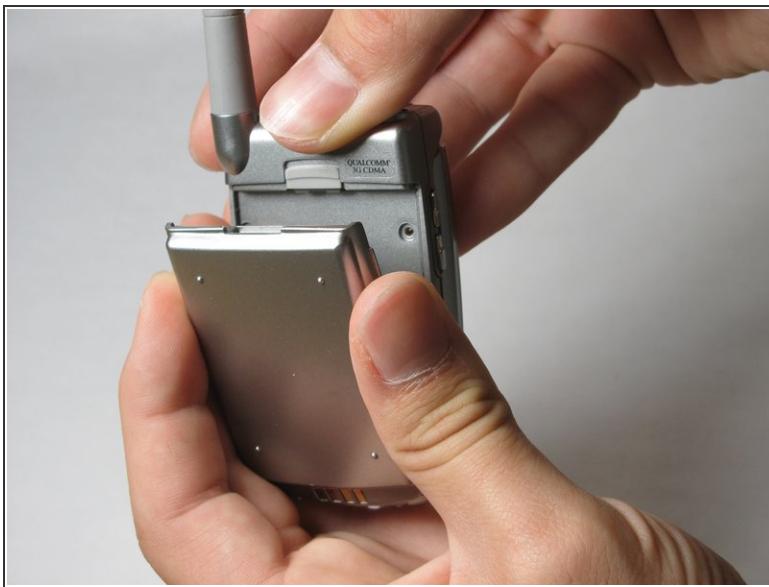
TOOLS:

- Desoldering Braid (1)
- Phillips #00 Screwdriver (1)
- Solder (1)
- Soldering Iron (1)
- Spudger (1)

PARTS:

- LG VX3100 speakers (1)

Step 1 — Battery



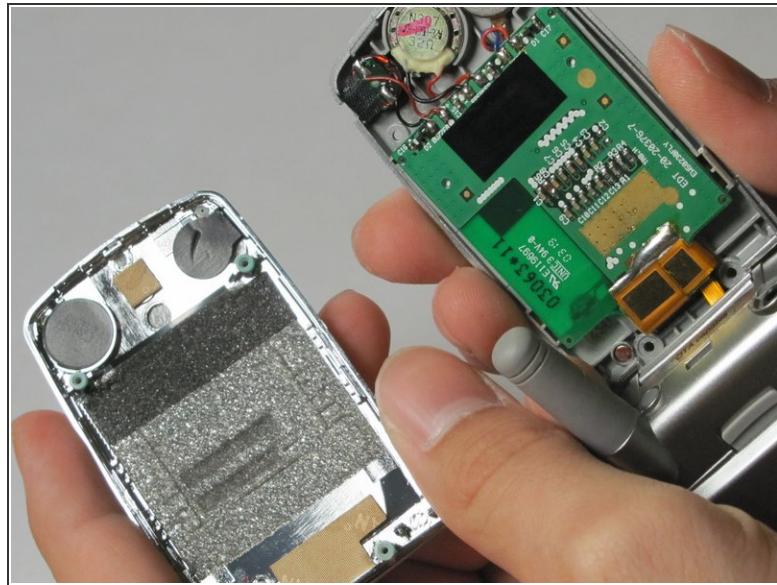
- Turn off the cellphone by pressing down on the red "END" button for 3 seconds.
- Flip cellphone over and press up on the gray sliding mechanism towards the top of the phone. At the same time, pull on the large silver battery and it should come right off.

Step 2 — Speaker



- Using the spudger, carefully push off the gray caps as shown.
- Use the Philips screwdriver to remove the screws underneath the gray caps.

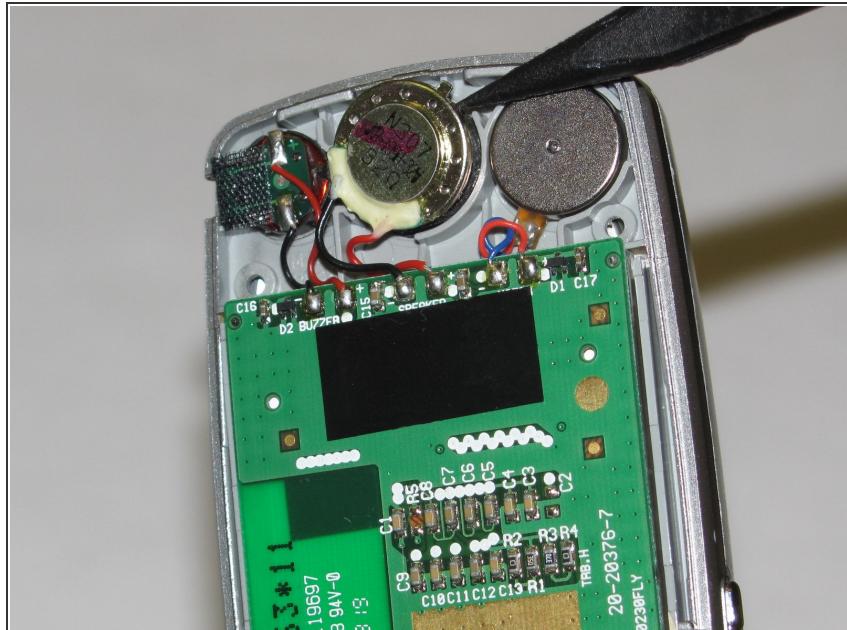
Step 3



- Locate the small gap at the top right corner of the phone as shown. Use the spudger to gently pry the back casing off.

 The spudger can dent the casing if too much force is applied.

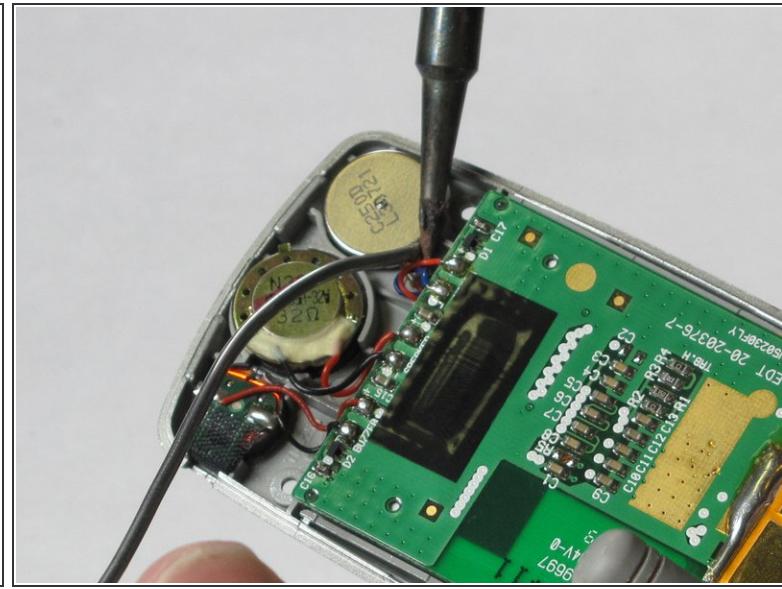
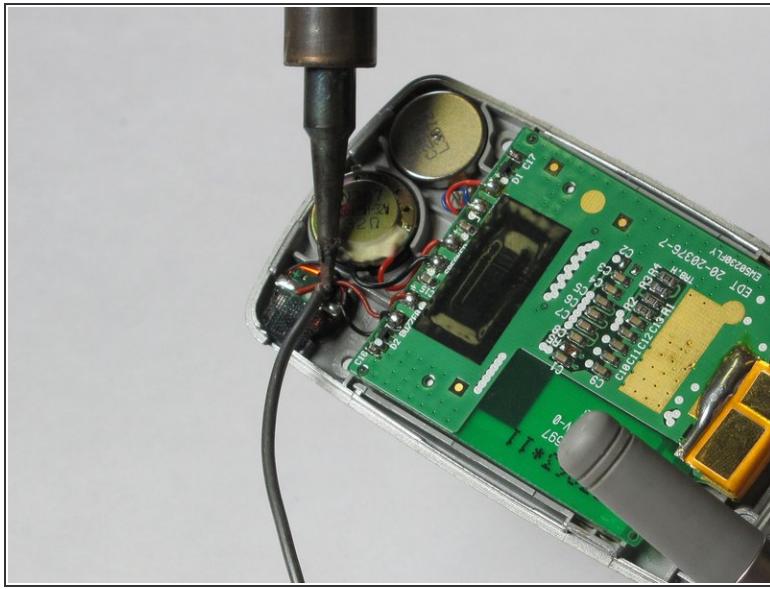
Step 4



- Remove the speaker using the sharp end of the spudger. Removing the speaker may require more effort if the speaker is stuck to the phone.

 Notice that the speaker and the logic board for the screen are connected by a red and black wire. This will be important for the next step.

Step 5



(i) This step will require soldering experience.

- Desolder the connection between the logic board screen and the black wire.
- Desolder the connection between the logic board screen and the red wire.

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