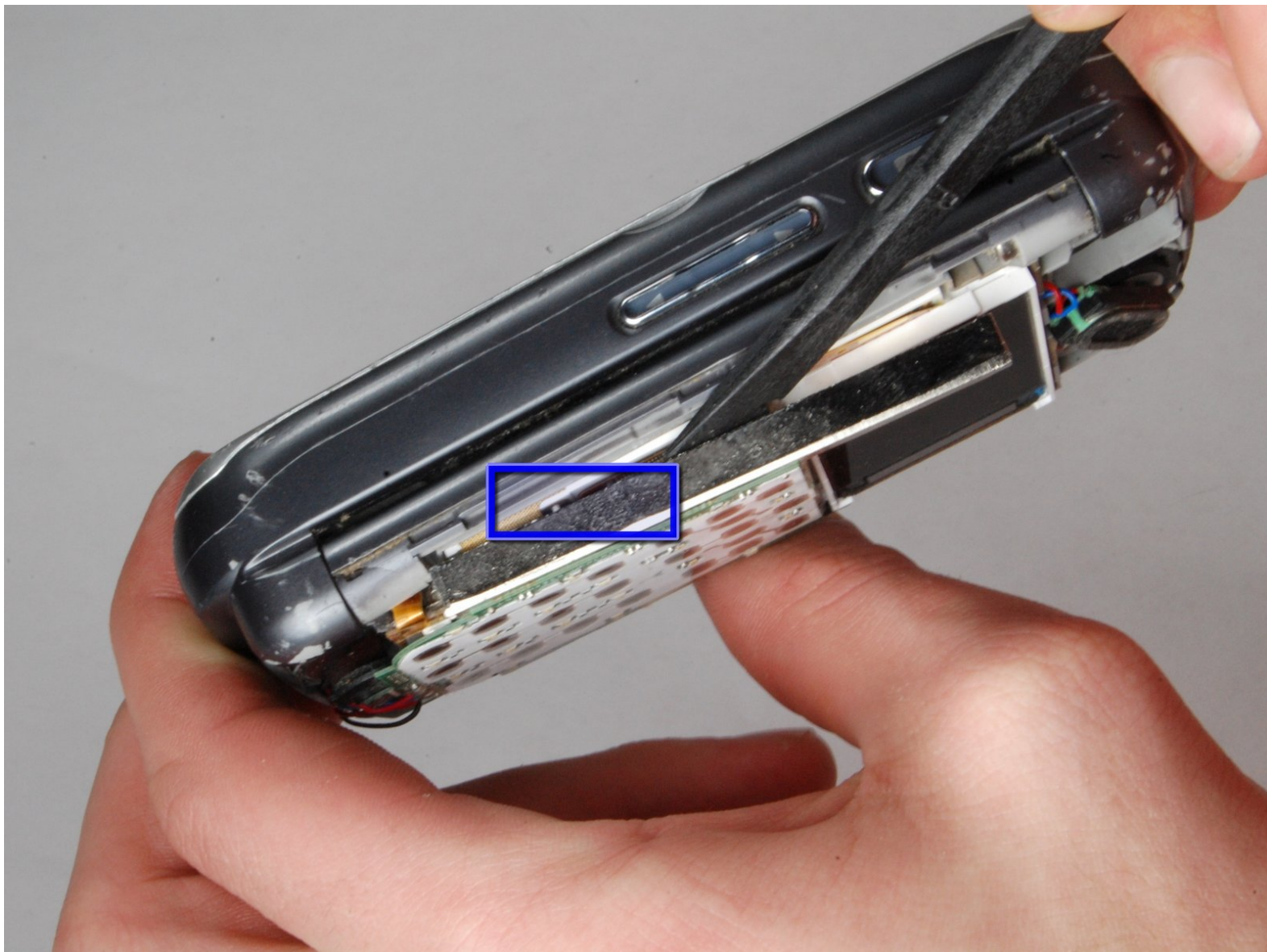




LG VX9800 Logic Board Replacement

Written By: Steven Clark



INTRODUCTION

If your front screen, keyboard or speakers stop working you may need to replace your logic board. Follow this guide to do it.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Soldering Iron](#) (1)
 - [Spudger](#) (1)
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Step 1 — Front Keypad



- Remove the two triangular pads at the top of the two speakers.
- These pads have adhesive to keep them situated, so you may want to use a fine-tipped object, such as a screwdriver or a pen, to remove them. It is easiest to place the fine-tipped object in the small indent in the corner of these pads.

Step 2



- Remove the two rubber cylinders from their shafts. These cover more screws.
- This requires a little more effort, so you may need to "dig" them out.

Step 3



- Now remove the four screws.

i The screws are small, so put them somewhere that you can easily keep track of them.

Step 4



- Starting on the side with blue square, pry the faceplate upwards with the flat end of a spudger.
- Continue to slide the flat edge along the seam of the faceplate.

i You should hear popping or snapping noises as the faceplate is being removed.

Step 5



⚠ The faceplate is attached by wires, so do not pull the faceplate very far away from the phone.

Step 6



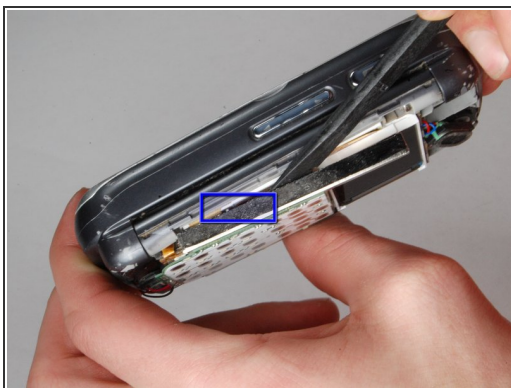
- The faceplate is still attached through speakers that travel from the ear-piece to the motherboard.
- Carefully wedge the flat or pointed end of the spudger beneath the ear-piece and the faceplate.
- This may require a bit of force, as the ear-piece is stuck to the faceplate with adhesive.

Step 7



- The faceplate and keypad can now be completely removed from the phone.

Step 8 — Logic Board



- Use Spudger to pry against the side side of the phone and the logic board to release it.
 - The logic board is connected to a thin silver piece of metal highlighted with a blue square in the photo. Pry against this piece and the phone to release the board.
- ⚠ The logic board is connected to the phone and speaker with the set of connections highlighted with a red circle. Do not yank on the board once its released

Step 9



- Remove 4 wires from logic board. Replace board by soldering back the 4 wires and you're done!
- ⚠ This step requires soldering. Only do this step if you are OK with soldering small wires.