



BlackBerry 7130e Keypad Replacement

Written By: Sean Tiernan



INTRODUCTION

How to replace keypad

TOOLS:

- [iFixit Opening Tools](#) (1)
- [T6 Torx Screwdriver](#) (1)

PARTS:

- [BlackBerry 7130e Keypad](#) (1)
- [BlackBerry 7130e Keypad Chipset](#) (1)

Step 1 — battery



- Turn the phone over so that the screen is facing the work surface

Step 2



- Press your thumb against the battery latch. While pressing on latch, slide off battery cover towards the bottom of the phone.
- You may need to apply considerable force on the latch at the bottom of the phone to complete this successfully.

Step 3



- Remove the battery by pushing downward on the area where prongs connect to bottom inside of the phone while using a thumb, finger, or tool to pull on the top of the battery to lift it out.

Step 4 — BlackBerry 7130e Disassembly



- Using the T6 Torx screwdriver, remove the bottom two screws on the back of the phone.

Step 5



- Remove speaker phone cover by unsecuring the two latches on the edge close to top of the phone with the plastic opening tool.

Step 6



- Detach the speaker phone cover by pulling up on the bottom of the speaker phone cover.

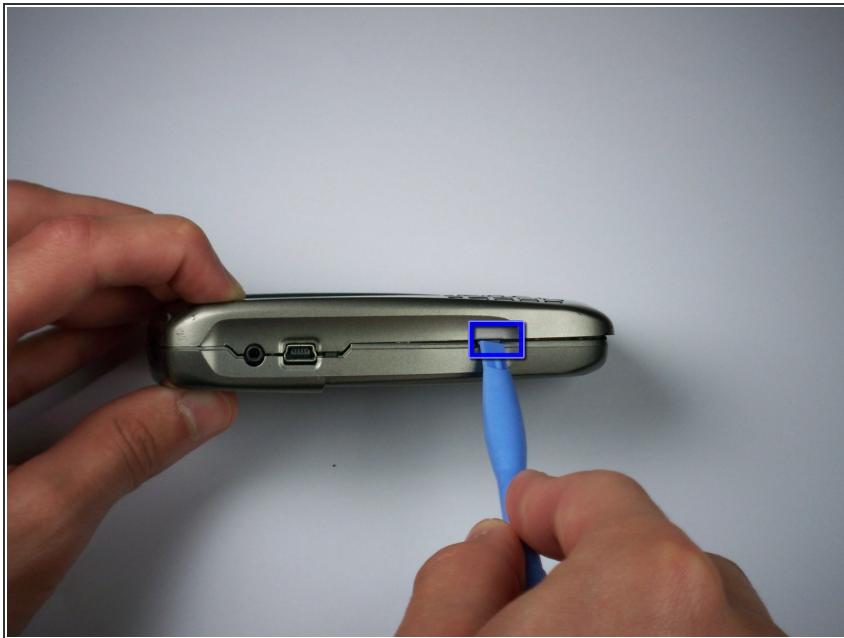
ⓘ As you detach the speaker phone cover you will notice a sticky glue sealing the rubber gasket from the cover to the speaker mesh. This is normal and will correctly reset the first few times the pieces are separated.

Step 7



- Remove top two screws with T6 Torx screw driver, from the back of phone.

Step 8



- Turn the phone sideways and unlatch the hinge on one side of the phone by pushing inwards and twisting to the side with the plastic opening tool.

Step 9



- You should now be able to easily separate the phone into two pieces.

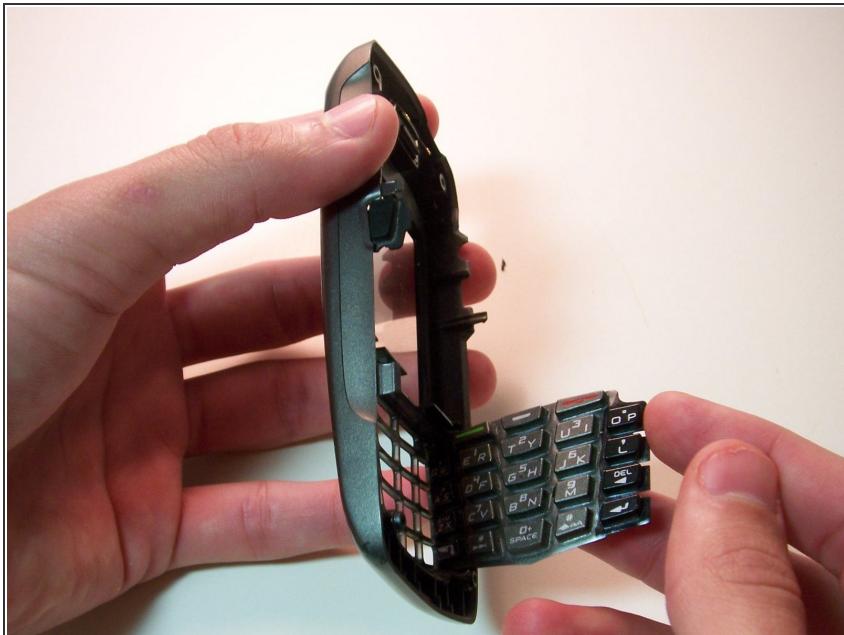
⚠ The battery prong may fall out when the separation occurs, just don't lose it!

Step 10 — Replace Keypad



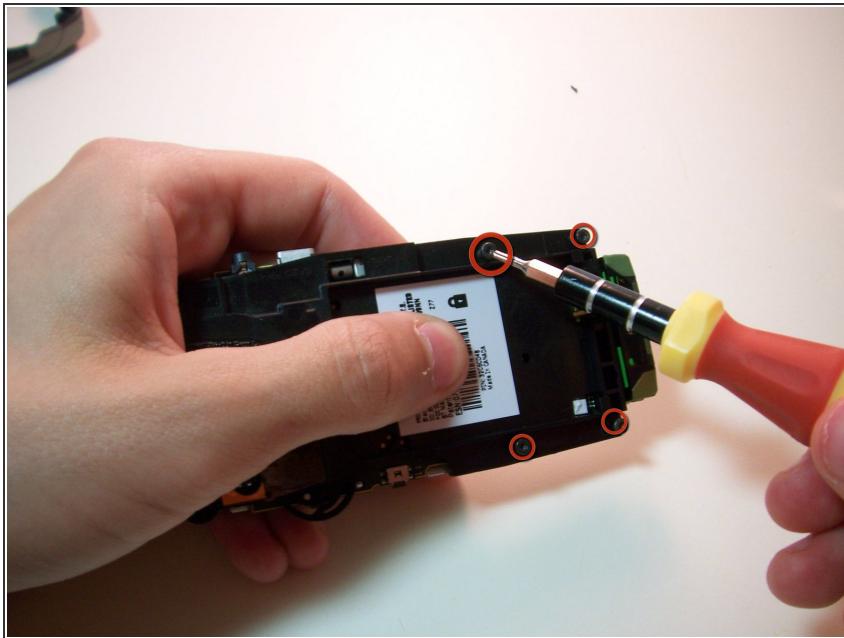
- Once the phone comes apart into two pieces, the key buttons are on the inside of the front panel of the phone.
- The buttons will fall out of the phone when you turn it over.

Step 11



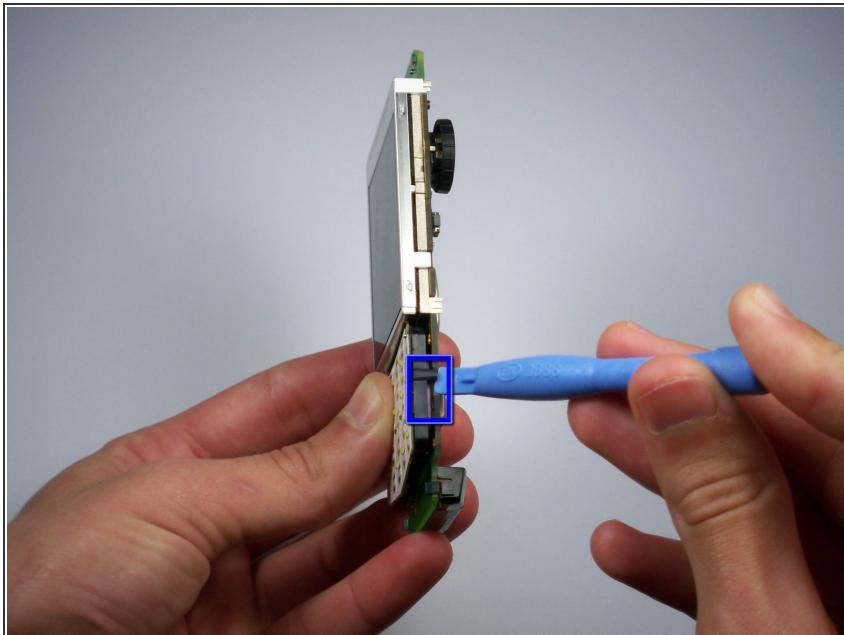
- Simply insert a new set of buttons and reassemble the phone.
- Continue on with the guide if you are replacing the key pad circuit board that is beneath the key pad.

Step 12



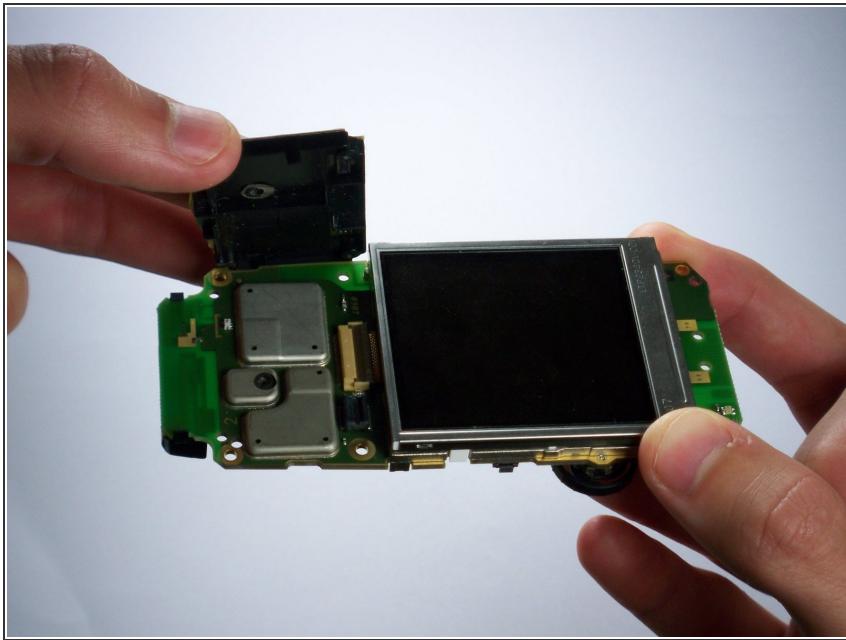
- Turn the part of phone with circuit board for the keypad still attached upside down.
- Remove the four screws outlining the keypad with the T6 Torx screw driver.

Step 13



- Wedge the plastic opening tool between the circuit board and the black hinge of the keypad.
- Pry the black latch up and the keypad will come loose.

Step 14



- Carefully detach the keypad board from the phone.

(i) There is no need to unlatch the opposite side, it will come loose freely. Just be careful to snap back on both sides when you put on the new keyboard.

! Watch out the plastic cap on the bottom of the phone fall loose at this point. Just don't loose it or forget to re-assemble.

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