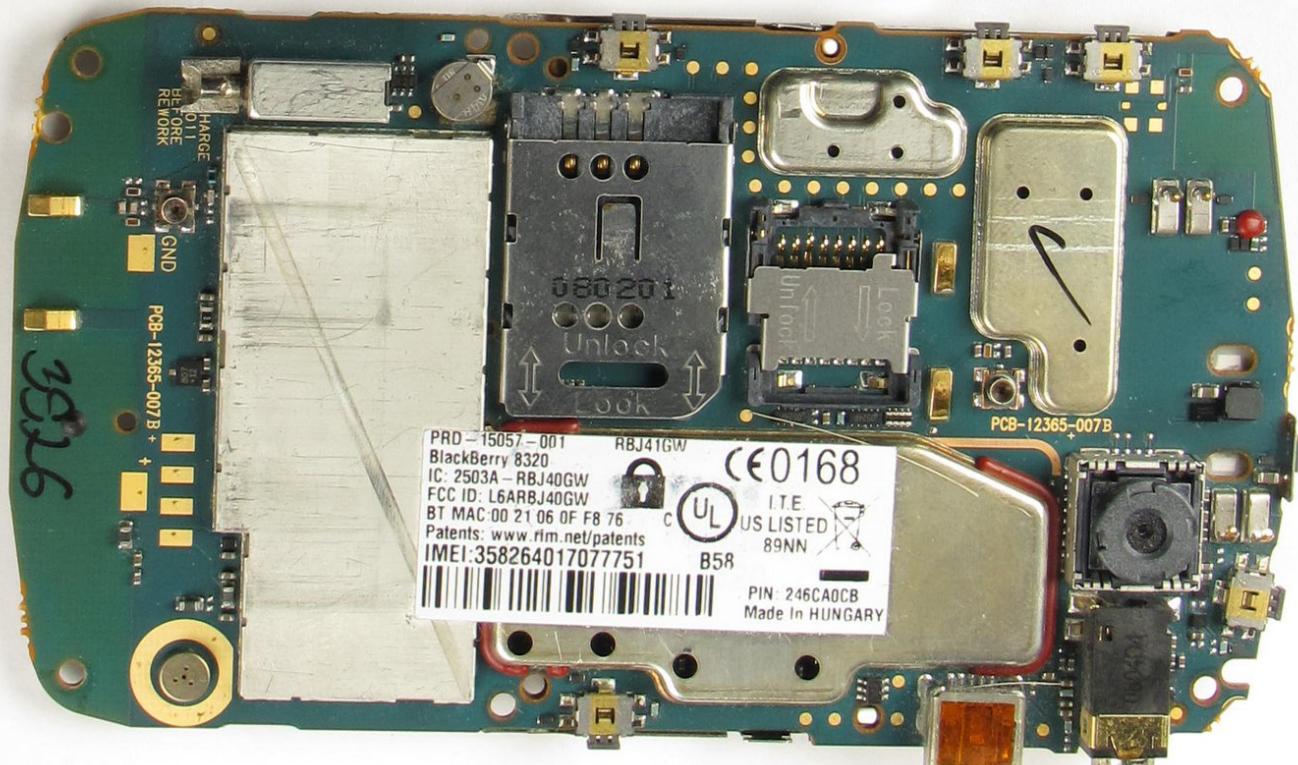




# Blackberry Curve 8320 Motherboard Replacement

This repair guide details the disassembly of the phone down to the motherboard.

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# INTRODUCTION

This guide will show you how to:

- Remove the battery
- Remove the front panel
- Remove the LCD screen
- Replace the motherboard

## TOOLS:

- [iFixit Opening Tools](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [T6 Torx Screwdriver](#) (1)

## Step 1 — Battery



*(i)* Hold the phone with the back facing you.

- Press the silver tab down and remove the cover.

## Step 2



- Pull up on the top edge of the battery to remove it.

## Step 3 — Front Panel

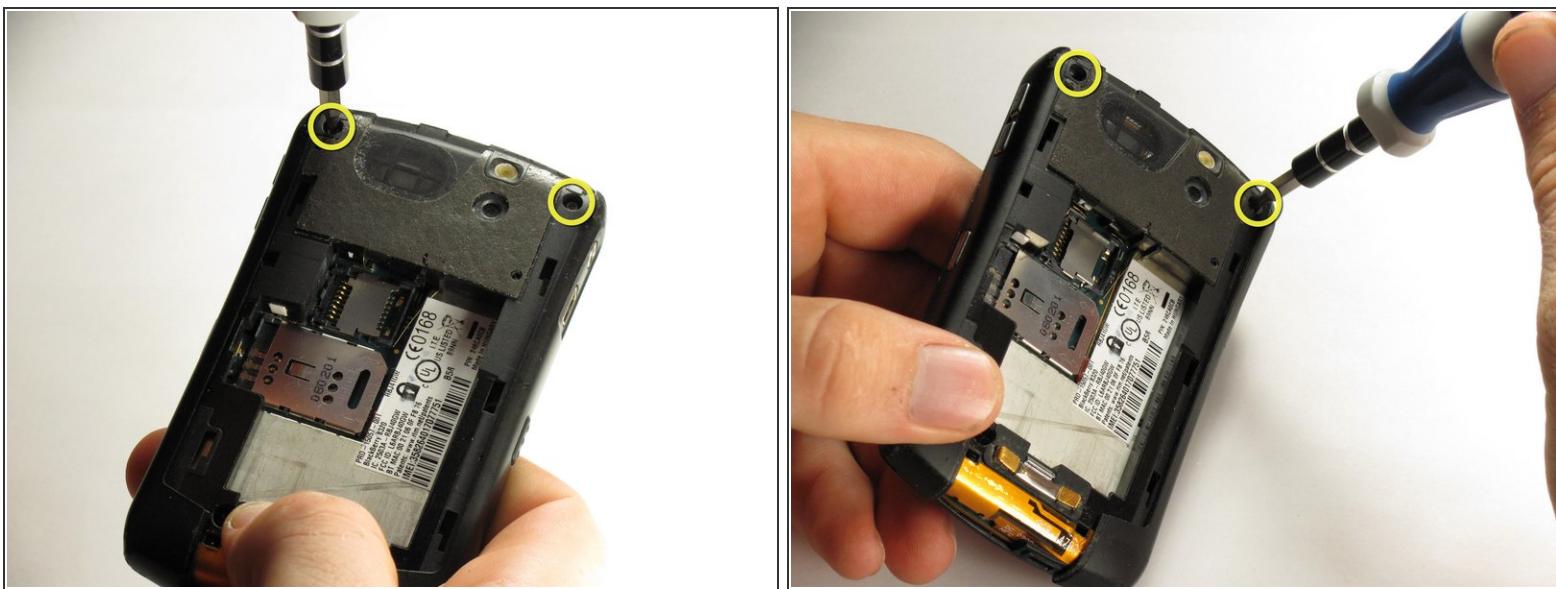


- Use a plastic opening tool to gently pry the bottom cover loose.

 Do not use excessive force at risk of damaging the antenna, which is under this casing.

- Pull the cover from the front of the phone after the back is loose.

## Step 4



- Remove the two top screws with a T5 Torx screwdriver.

 The screws are 8mm long.

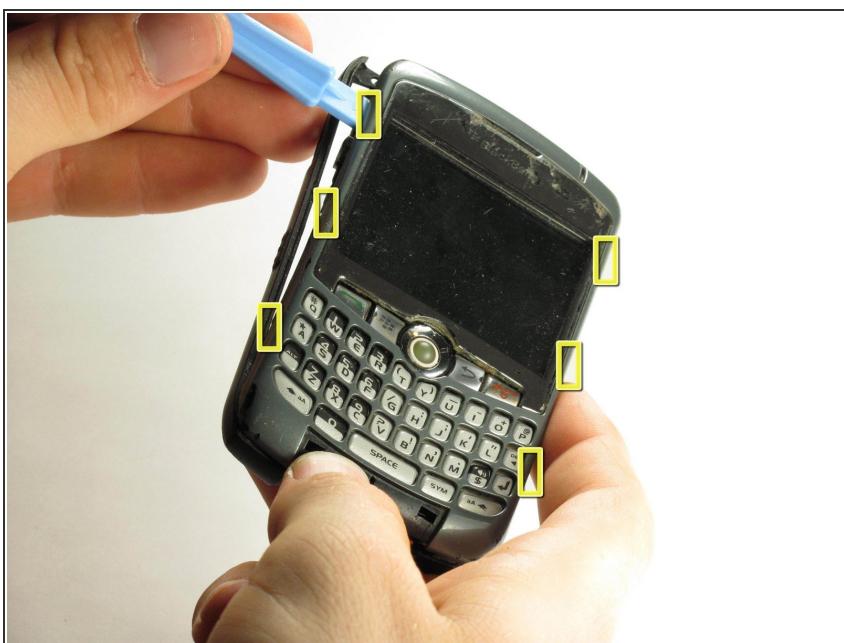
## Step 5



- Gently pry off the top of the side casings.

**⚠** The side casings cannot be fully removed yet because they are screwed on at the bottom.

## Step 6



- Use a plastic opening tool to detach the securing clips holding the the front panel in place.  
*ⓘ* There are six securing clips total.

## Step 7



- Remove the front panel.

*(i)* You may need to apply some force because the front panel is attached to the rest of the device with adhesive.

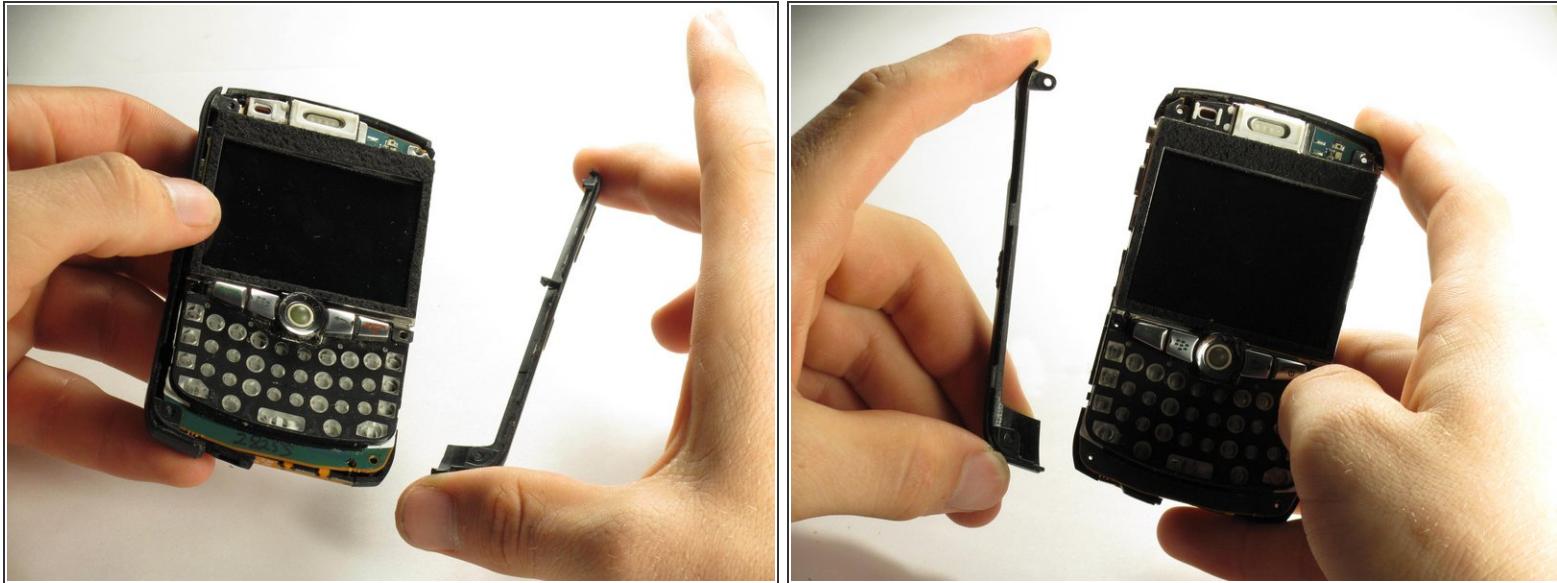
## Step 8 — LCD Screen



- Use a T6 Torx screwdriver to remove the four screws located on the corners of the keyboard frame.

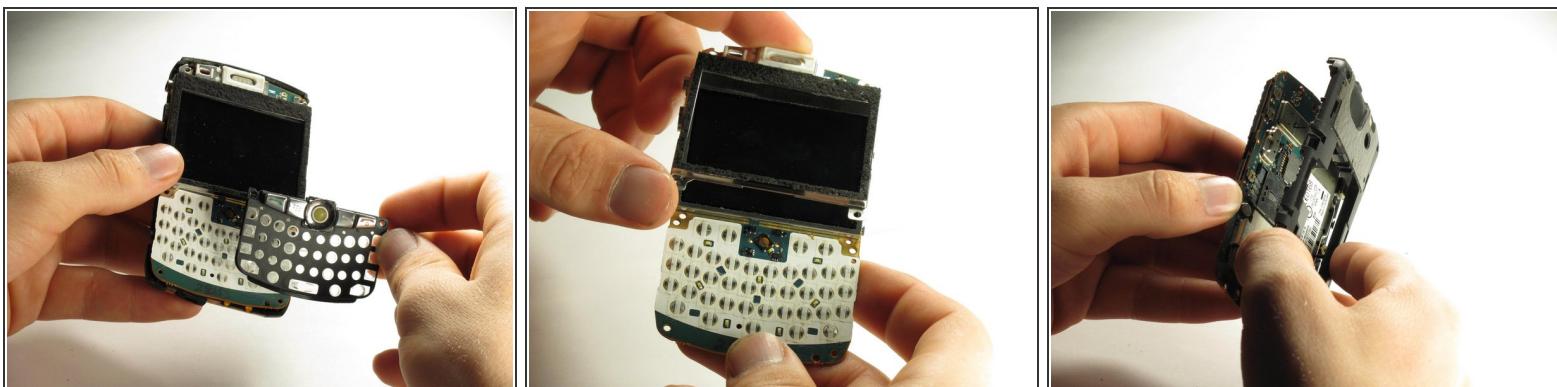
*(i)* The screws are 6mm long.

## Step 9



- After the bottom two screws have been removed the side casings can be removed.

## Step 10



- When all four screws are removed, the keyboard frame, screen housing, screen, and back casing can be separated.

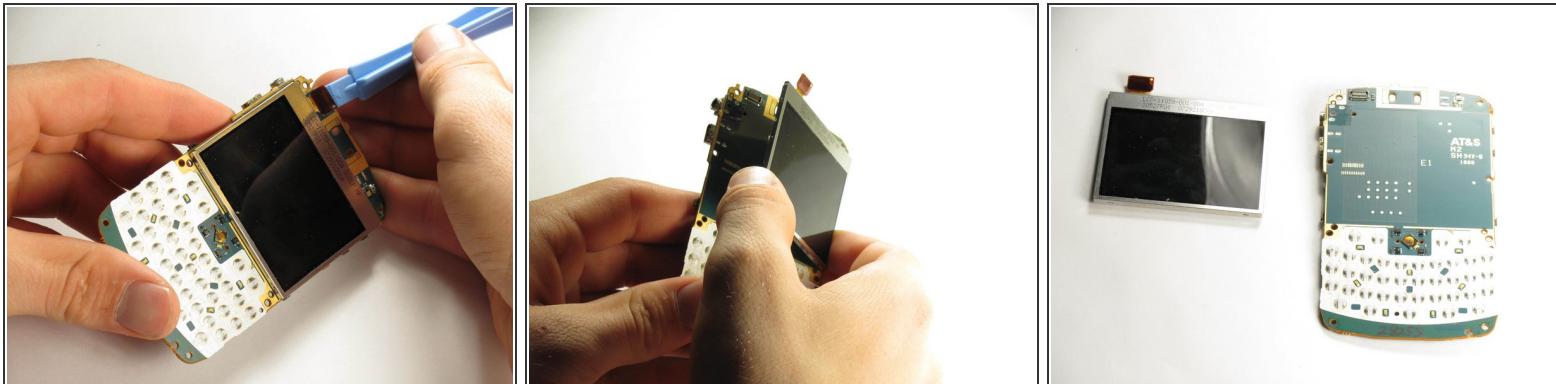
 The screen frame hooks on to the top of the motherboard with a small tab on the motherboard.

## Step 11



ⓘ Place the motherboard on a flat surface with the LCD screen face up.

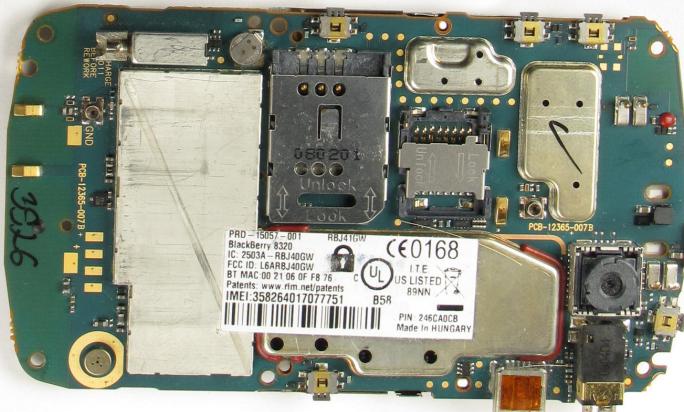
## Step 12



- Using a plastic opening tool, gently pull the connector directly up from the motherboard.
- Remove the LCD screen from the motherboard.

ⓘ The screen is attached to the motherboard with adhesive.

## Step 13 — Motherboard



- ⓘ This is your motherboard. If you have a problem with it you should get a replacement from your phone provider.
- ⓘ Many motherboard related issues may be solved by simply cleaning the motherboard contacts with a cotton swab and highly concentrated rubbing alcohol.

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