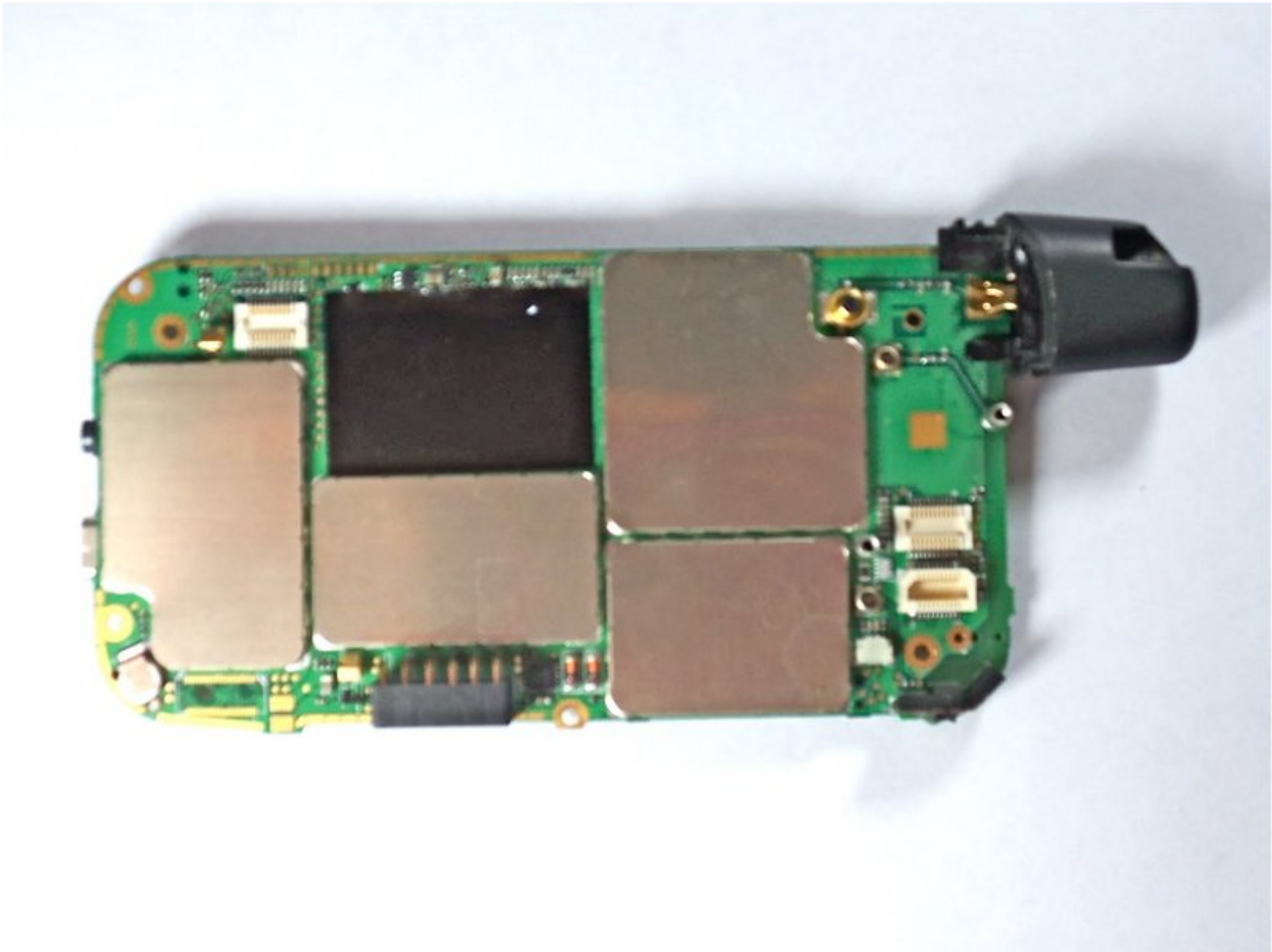




UTStarcom XV6700 Motherboard Replacement

Installing a new motherboard.

Written By: Jesse Walker



INTRODUCTION

This guide walks you through the steps to replacing the XV6700 motherboard.



TOOLS:

- [Spudger](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [T6 Torx Screwdriver](#) (1)
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Step 1 — Battery



- To power off the phone, press the on/off button on top.

Step 2



- Slide the battery cover down to remove.

Step 3



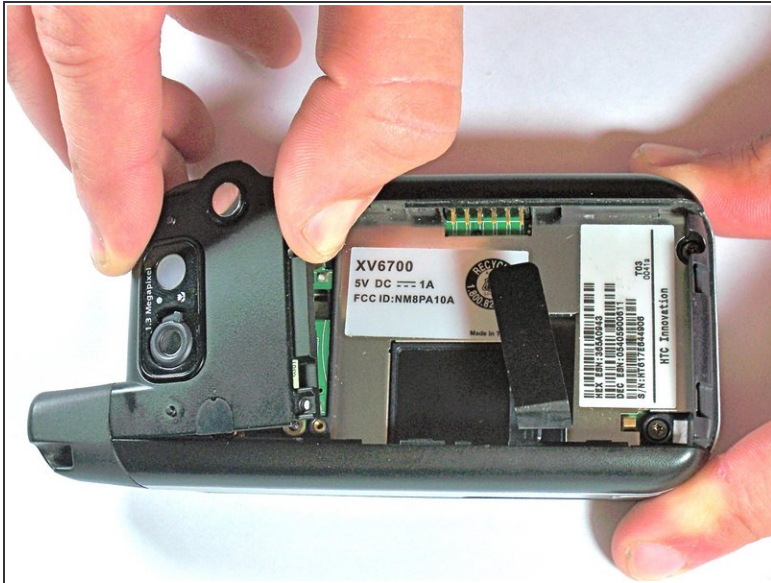
- Pull the battery removal tab and lift out the battery.
- ⓘ If the battery removal tab is missing, place a spudger on the opposite side of the highlighted connector and pry the battery up.

Step 4 — Camera



- Remove the two 4.0-mm #000 Phillips screws at the top of the battery compartment. Tweezers may be useful to remove the screws.

Step 5



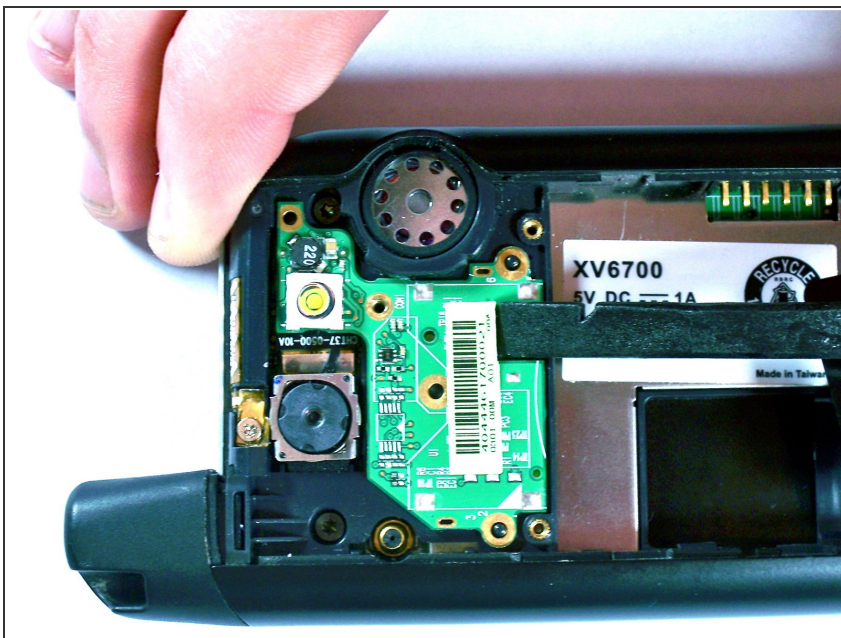
- Use firm pressure to carefully pry off the cover with your fingers.

Step 6



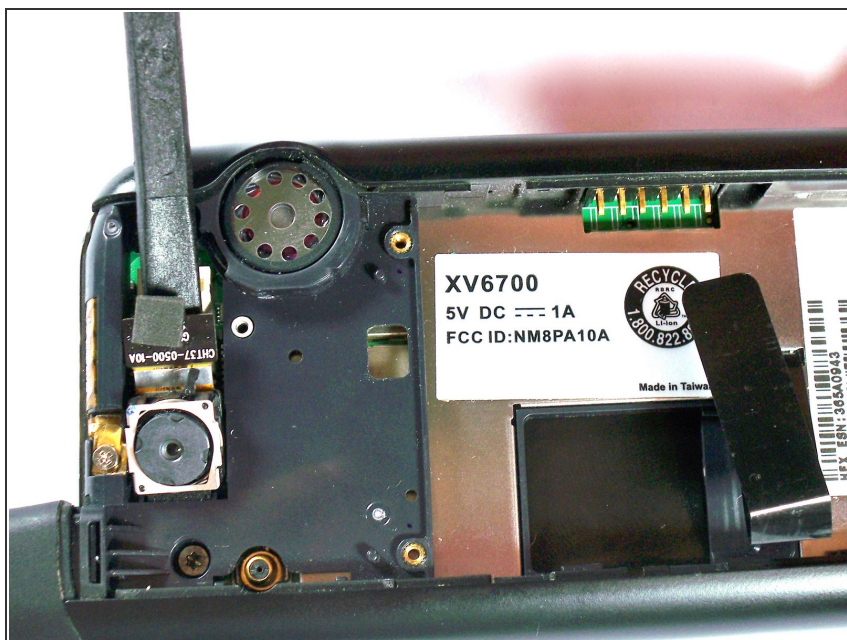
- Remove the 4.0-mm #00 Phillips screw securing the camera flash circuit board. The board is still connected by a connector on the bottom of the board.

Step 7



- Gently pry off the camera flash circuit board with the spudger.

Step 8



- Gently pry off the camera with the spudger.

Step 9 — Motherboard



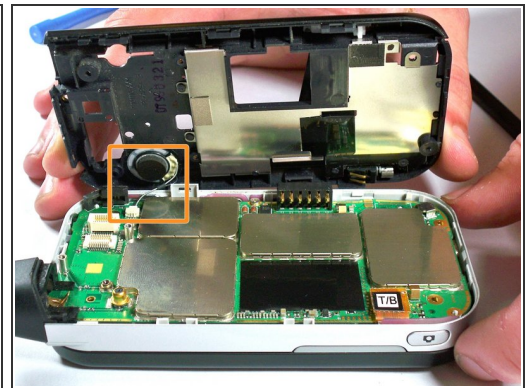
- Remove the four 5.0-mm Torx T6 screws from the corners of the black cover.

Step 10



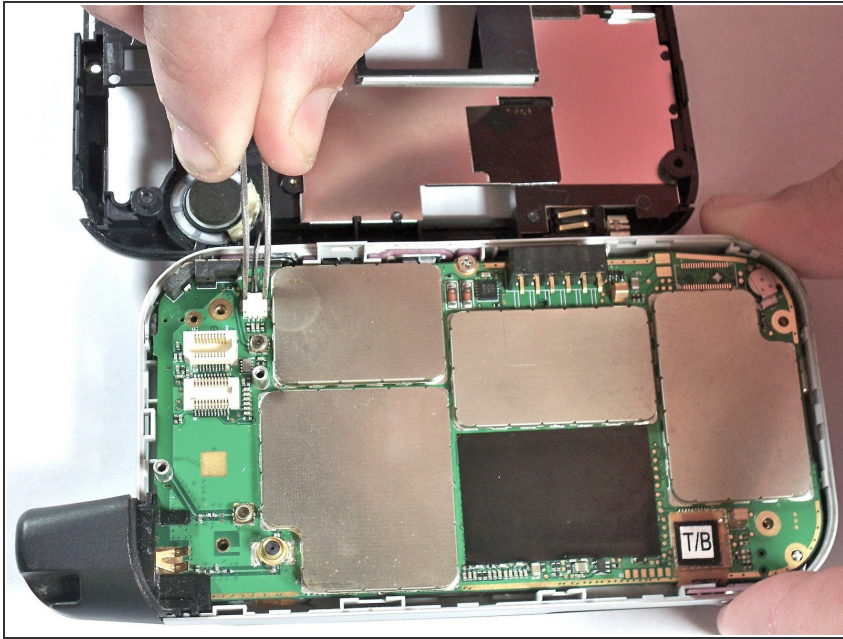
- Remove the 4.0-mm #00 Phillips screw that holds the antenna in place. The antenna does not need to be removed.

Step 11



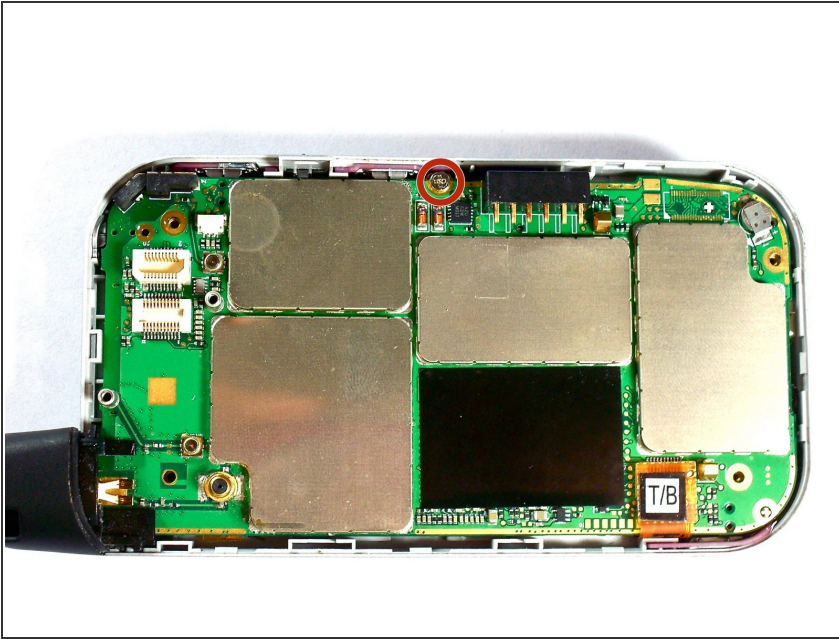
- Use the spudger or plastic opening tools to apply firm but gentle pressure equally around the outside of the case.
 - Carefully pry the black portion of the case away from the silver portion.
- ⚠ Do not try to remove the case completely. The speaker wire is still connected to the motherboard.

Step 12



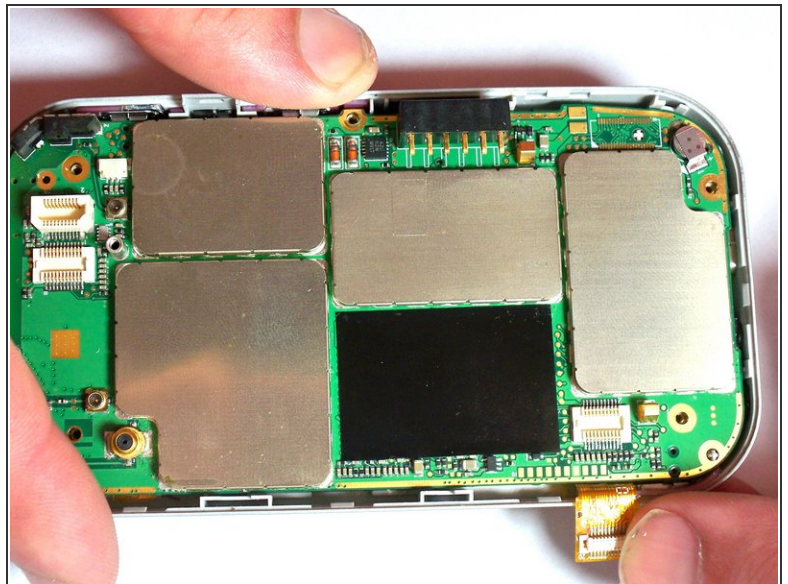
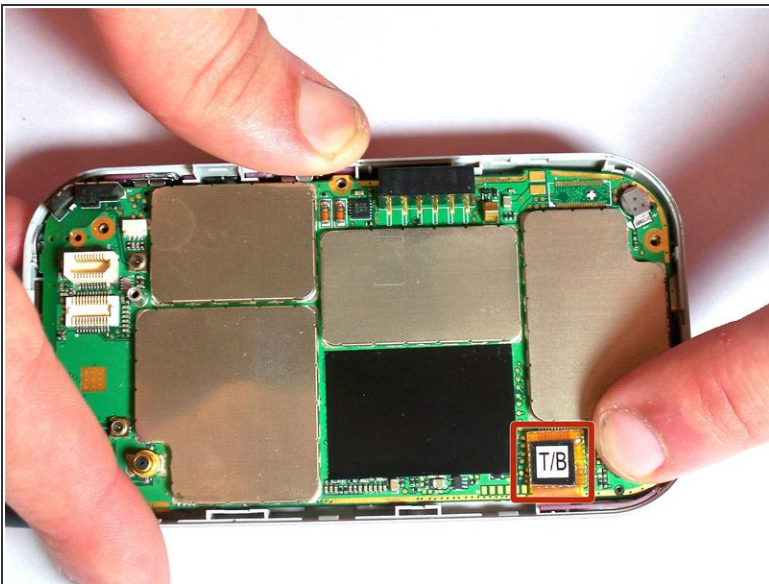
- Using tweezers, pull with gentle pressure in the direction of the wire to unplug from the motherboard connector.

Step 13



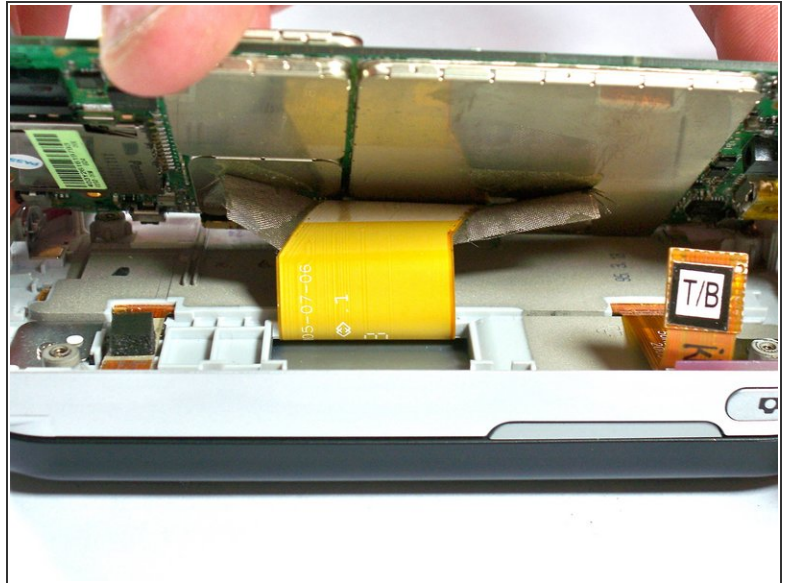
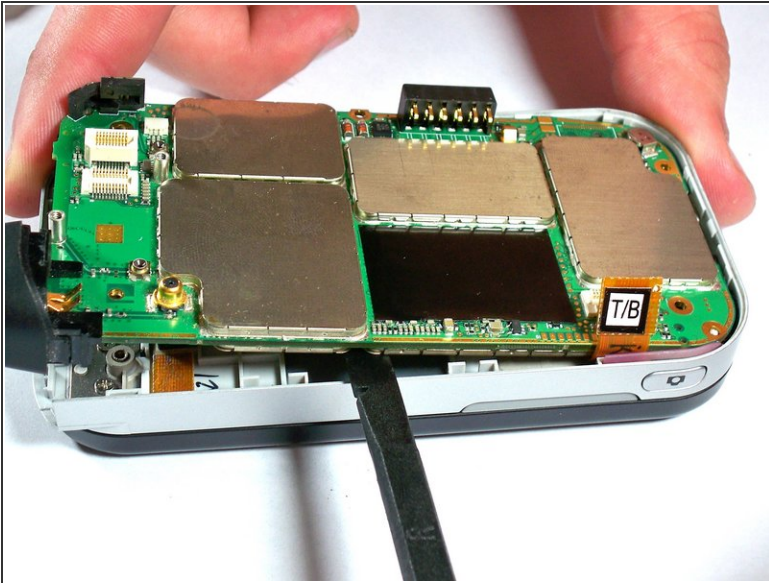
- Remove the 4.0-mm #00 Phillips screw holding the motherboard in place. The screw is in the middle of the motherboard, near the outside edge.

Step 14



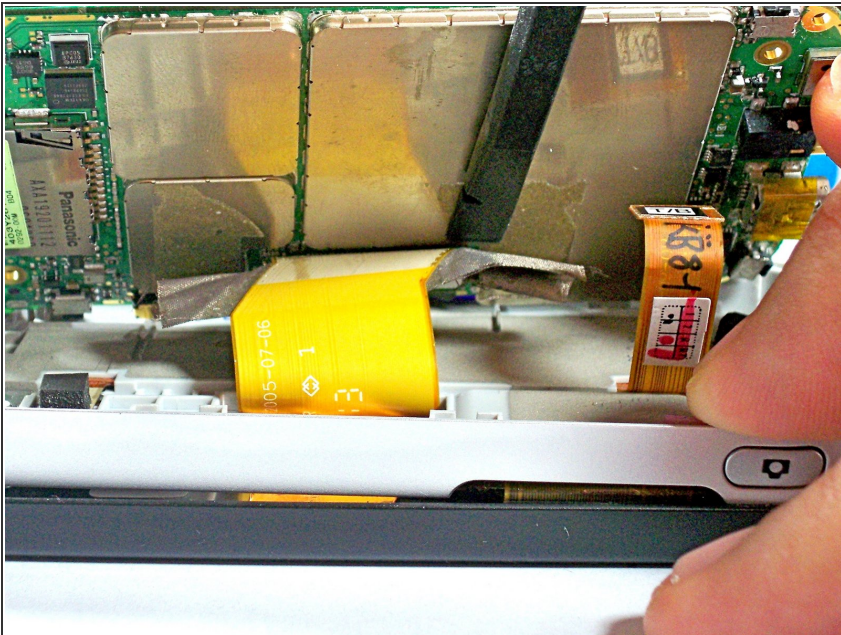
- With your fingers, disconnect the keyboard cable from the motherboard. The cable is orange with the letters T/B printed on the connector.

Step 15



- Carefully lift up on the motherboard with the spudger until you can see the display cable connected to the underside of the motherboard. The display cable connector will be taped over.

Step 16



- Use the spudger to peel away the tape from the connector.

Step 17



- Using the spudger, pry away the display cable connector from the motherboard. The motherboard is now completely disconnected.

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