



# HP iPAQ h4155 Motherboard Replacement

This guide will illustrate the proper method for the removal of the mother board.

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## TOOLS:

- [iFixit Opening Tools](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Tweezers](#) (1)

## Step 1 — Battery



- Slide the silver release tab up and simultaneously lift the cover up from the left side.

## Step 2



- Push the tab from left to right to remove the cover.



## Step 3



- Now lift the battery up and away from the device to remove it.

## Step 4 — Back Case



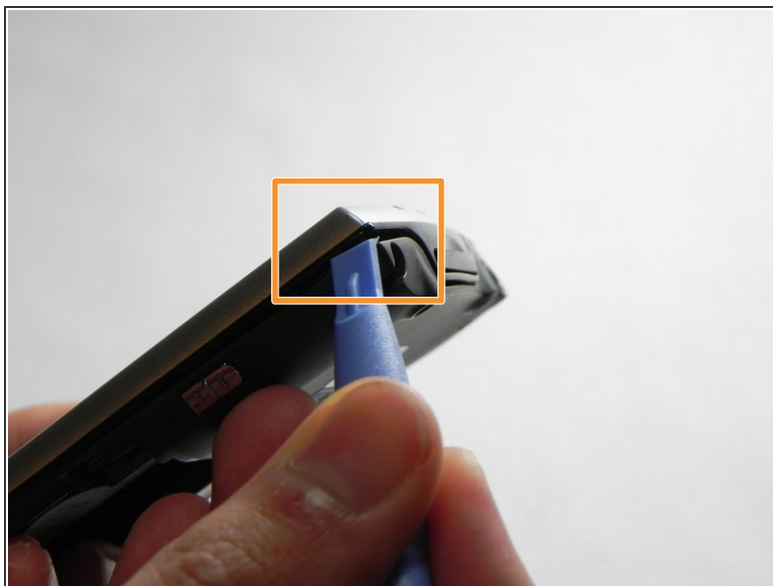
- Remove the four silver screws (T5 x .25 in).

## Step 5



- Remove the single black screw (T5 x .125 in) beneath the HP sticker.

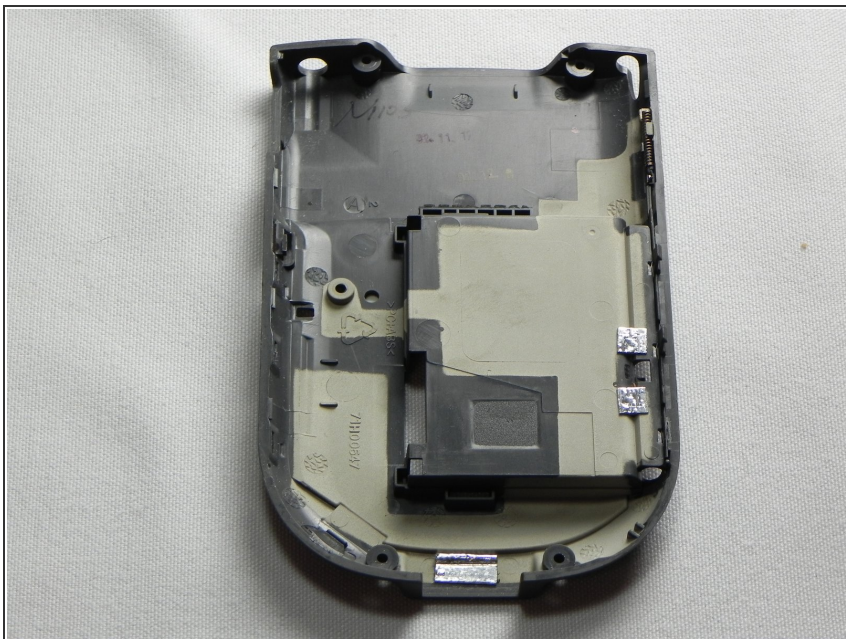
## Step 6



- Next, use your plastic removal tool to separate the gray back from the black center piece.
- For better results, start the separation at the corner piece.



## Step 7



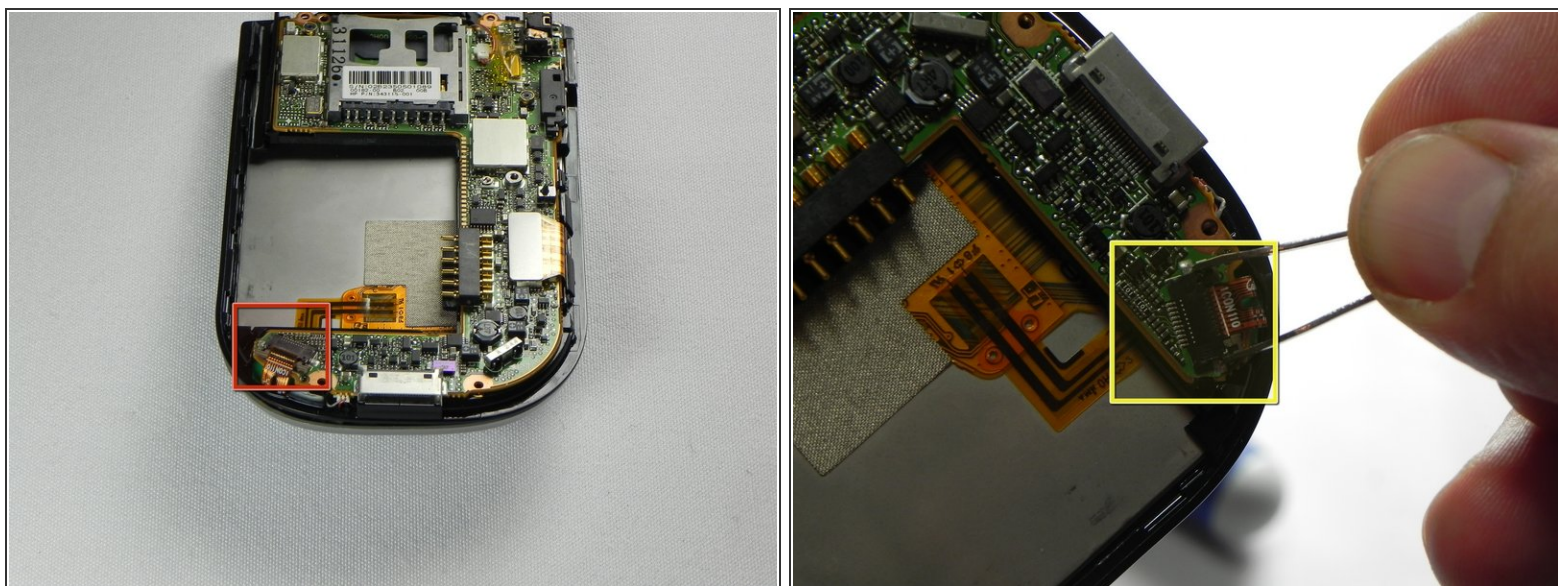
- Remove the back case.

## Step 8 — Face Plate



- Now that the back cover is removed, remove the small screw (#00 Philips x .17) to the left of the SD card slot

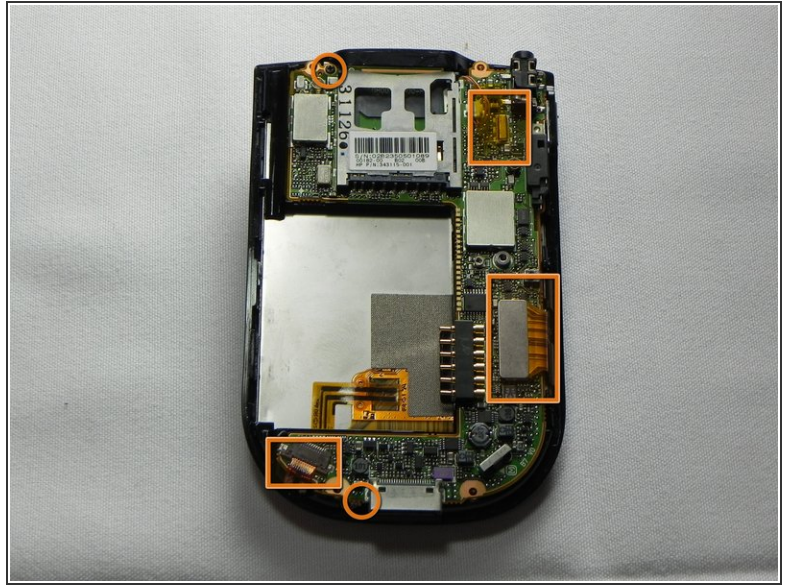
## Step 9



- Next you will need to unlock and remove the ribbon cable
  - Carefully pull back on both sides of the brown bar using metal tweezers, unlocking the cable and slipping it out of the connector
- ⚠ The bar, connector, and cable are fragile components that can be easily broken

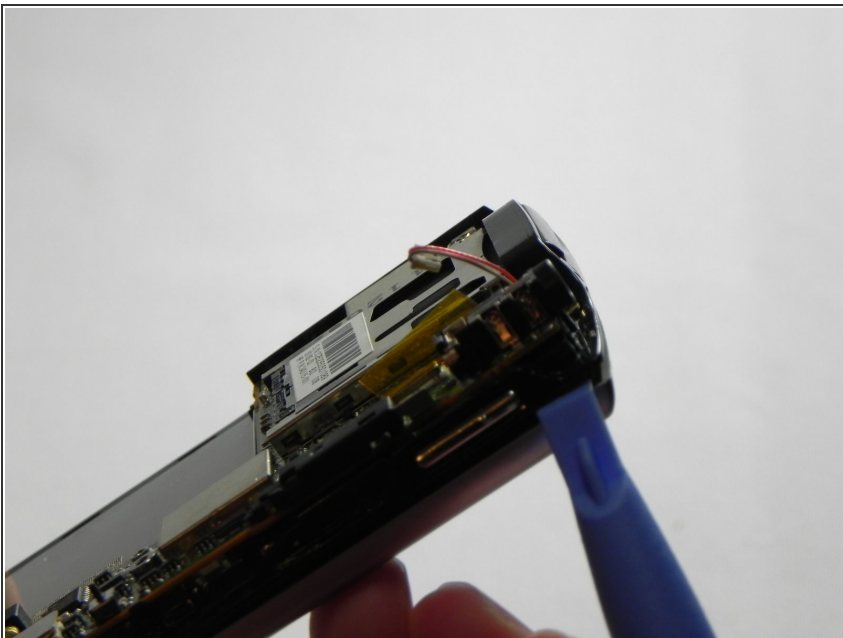


## Step 10



- Next you need to remove the wire off the bottom of the mother board
- ⓘ The easiest method is to use some metal tweezers and grip the plug close to the connector.
- Make sure all these connections are properly disconnected before separation of the motherboard

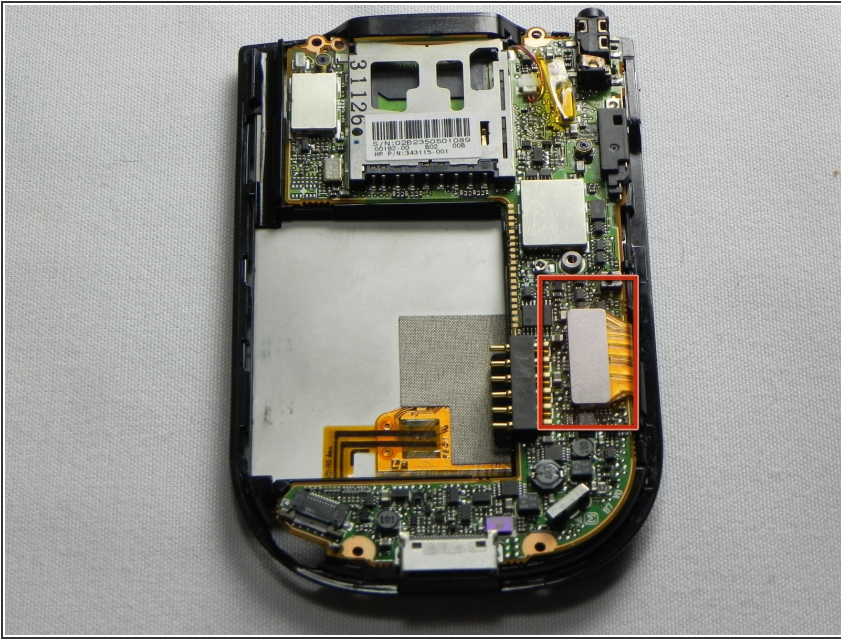
## Step 11



- Next use your plastic removal tool and separate the silver front case from the black frame.



## Step 12 — Motherboard



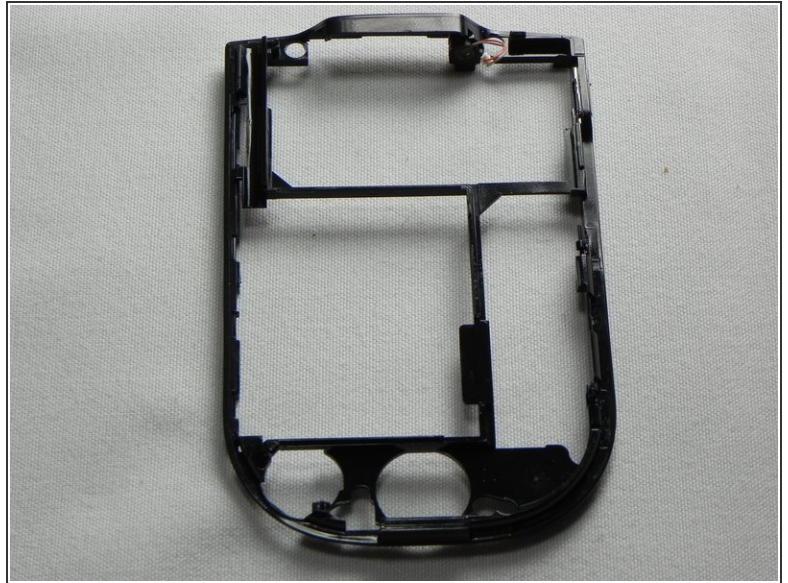
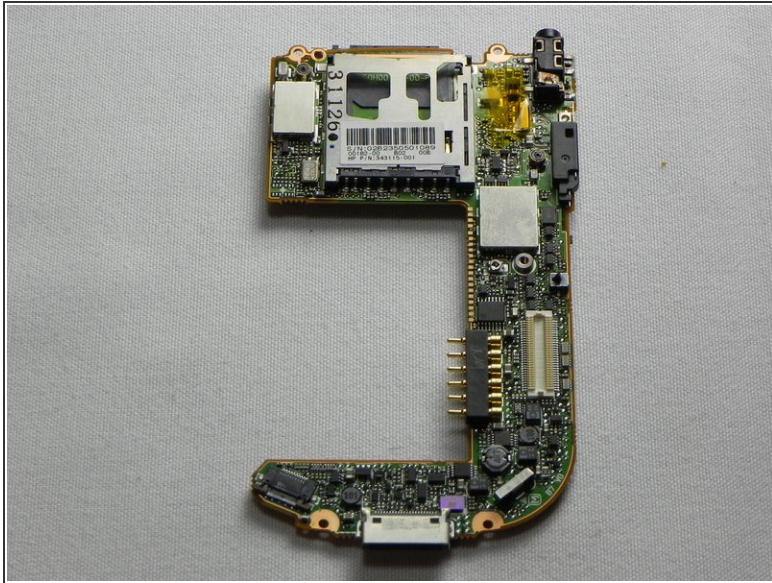
- Now that the front cover is removed we will need to disconnect the LCD screen from the motherboard. Pull the LCD connection out of the slot to properly disconnect.

## Step 13



- Next we will need to remove the last wire from the motherboard
- ⓘ The easiest method is to grab and pull with metal tweezers near the bottom of the plug near the connector.

## Step 14



- Finally the mother board can be removed from the center black frame.

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