



HP iPAQ H3850 Disassembly for Cleaning

Written By: Nick Hilzendeger



TOOLS:

Essential Electronics Toolkit (1)

Step 1 — HP iPAQ H3850 Disassembly for Cleaning



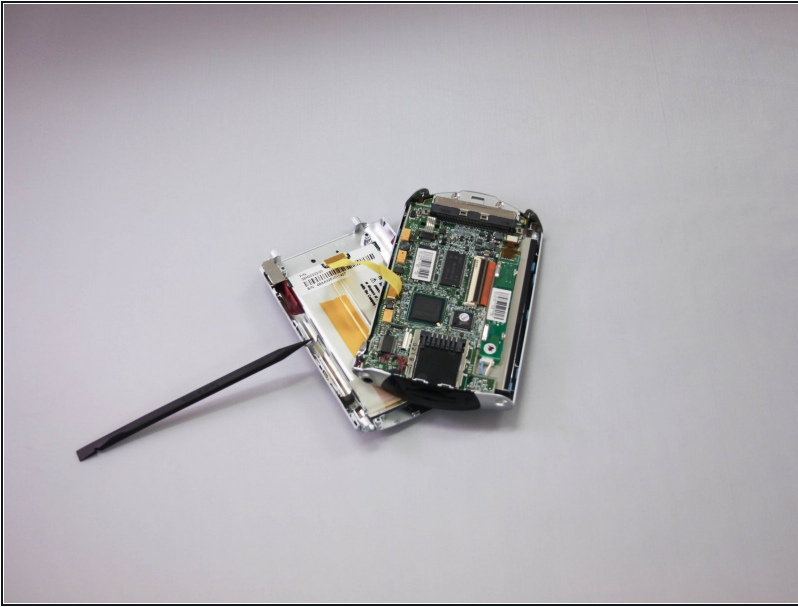
- To begin the disassembly of the device, place it on a flat surface with the screen facing down.

Step 2



- Remove the four screws found on the back cover of the device.

Step 3



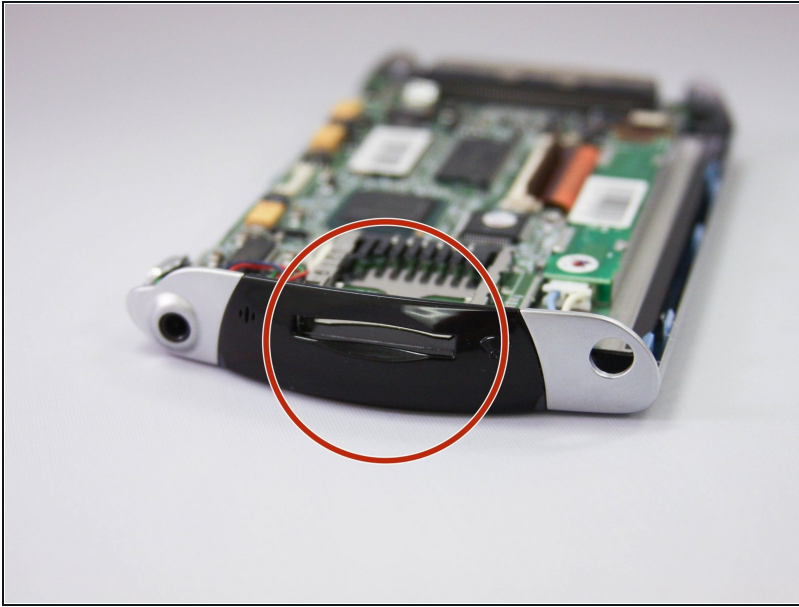
- Carefully remove the back cover using a plastic opening tool against the grooves along the sides of the iPAQ.

Step 4



- At this point, a yellow ribbon will be connecting both the front and back panels of the device. Carefully use the plastic opening tool to detach the ribbon from the connector pins.

Step 5



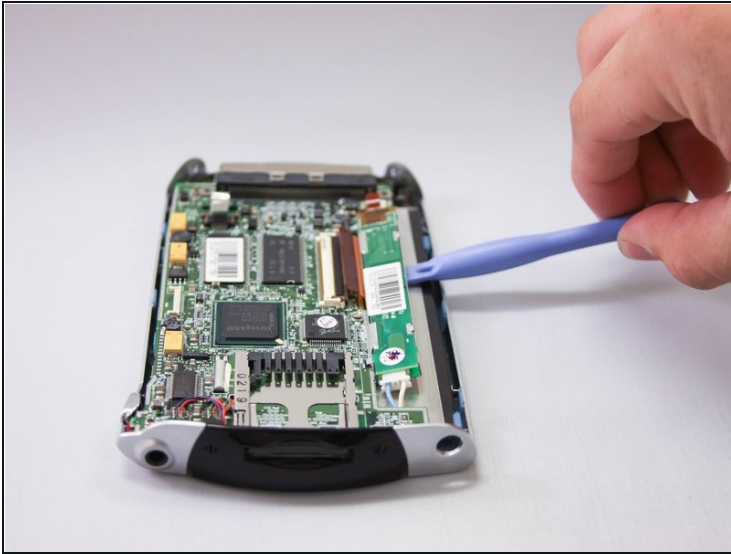
- Remove SD card on top of device by pushing and then releasing.

Step 6



- Remove ribbon cable connected to display logic board by pulling plastic clips on both sides towards top of device.
- Use plastic opening tool to carefully pull brown ribbon cable from connector.

Step 7



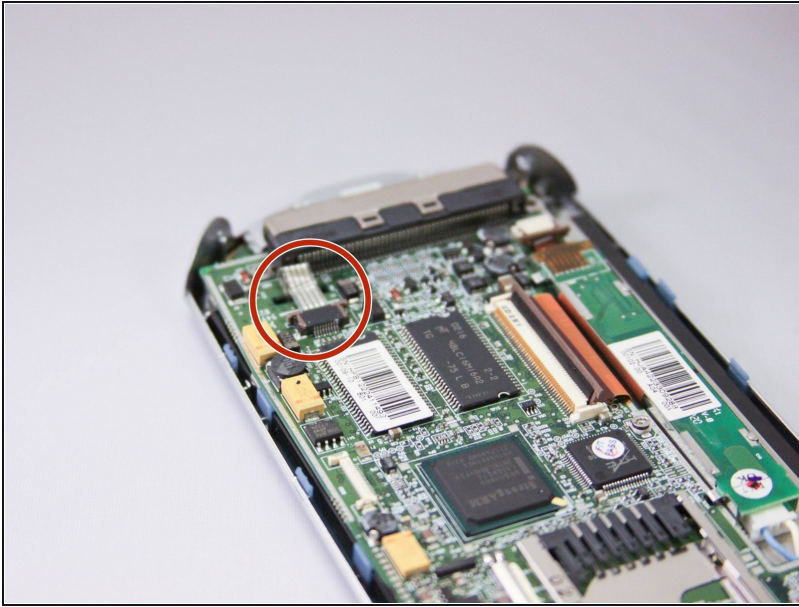
- Use plastic opening tool to carefully remove display logic board from housing.
- Unplug connector from the opposite end of the display logic board.
- Completely remove display logic board.

Step 8



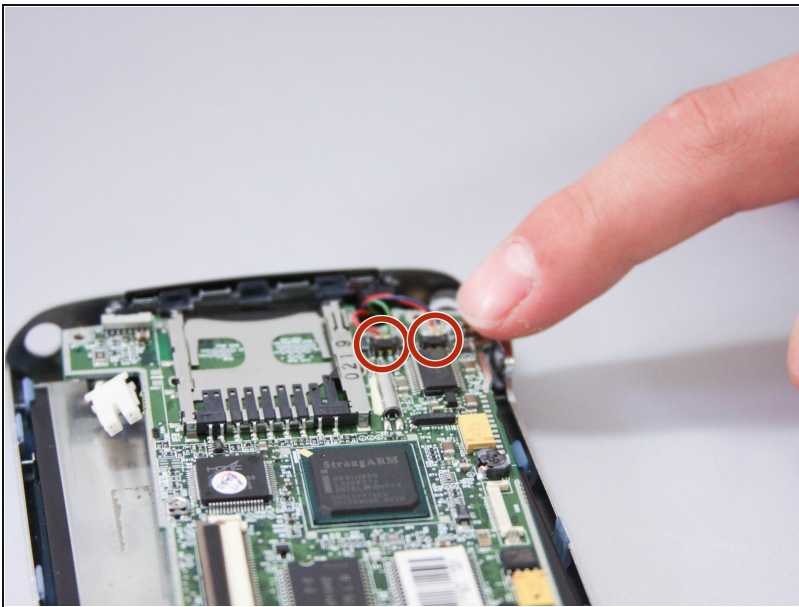
- Flip up black plastic clip on large ribbon cable connector located towards center of mother board.
- Use plastic opening tool to carefully remove ribbon cable from connector.

Step 9



- Locate clear/grey ribbon cable in bottom corner of device.
- Gently pry cable out of connector with plastic pry tool.
- Use hands or tweezers to remove if necessary.

Step 10



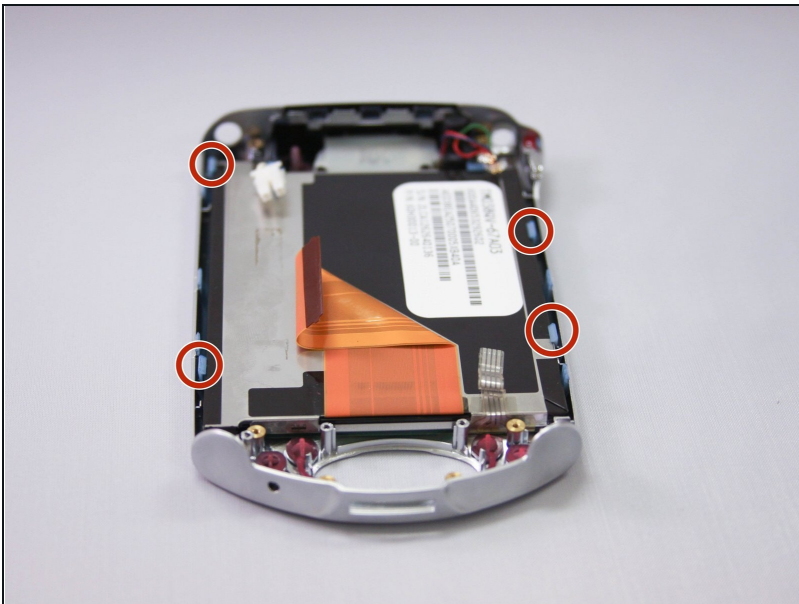
- Use hands to gently unplug speaker and microphone connectors from mother board.

Step 11



- Make sure no more connections exist between mother board and housing.
- Remove three screws anchoring mother board.
- Use hands/plastic opening tool to carefully lift mother board out of housing.
- Place the motherboard to the side.

Step 12



- Locate 4 blue plastic clips surrounding square screen housing.
- Pry back clips with hands.
- Use plastic opening tool to remove entire screen assembly from housing.

Step 13



- Now that the device is completely taken apart, use a can of compressed air to clean each component of the device.
- Be sure to put emphasis on spraying air behind the screen, as this is a common buildup spot.

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