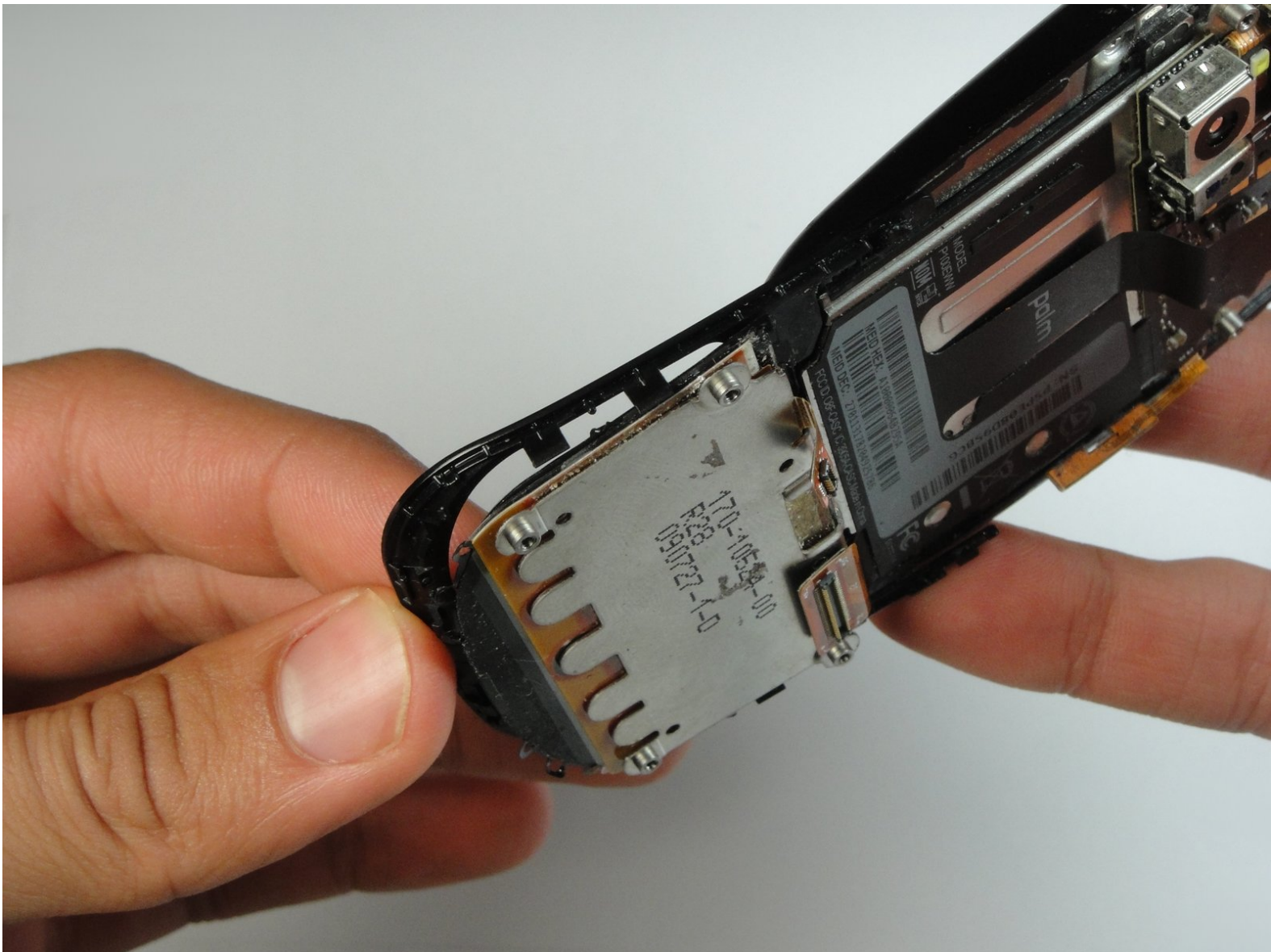




Palm Pre Motherboard Replacement

Replacement of the motherboard.

Written By: iDeleted



INTRODUCTION

This guide will show you how to replace the mother board should the phone completely loose major functionality. The mother board is the key chip that handles all the logistics and processes that comes with using the phone.

TOOLS:

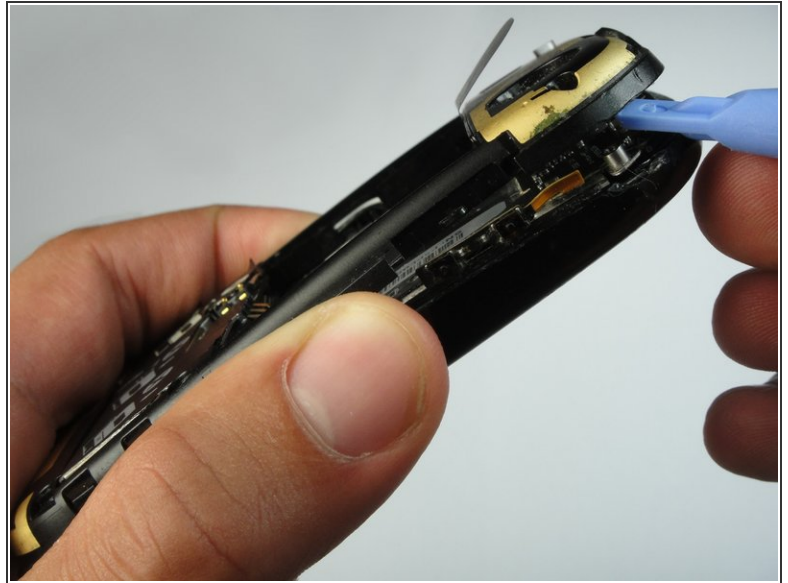
- [Spudger](#) (1)
 - [T5 Torx Screwdriver](#) (1)
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Step 1 — Antenna



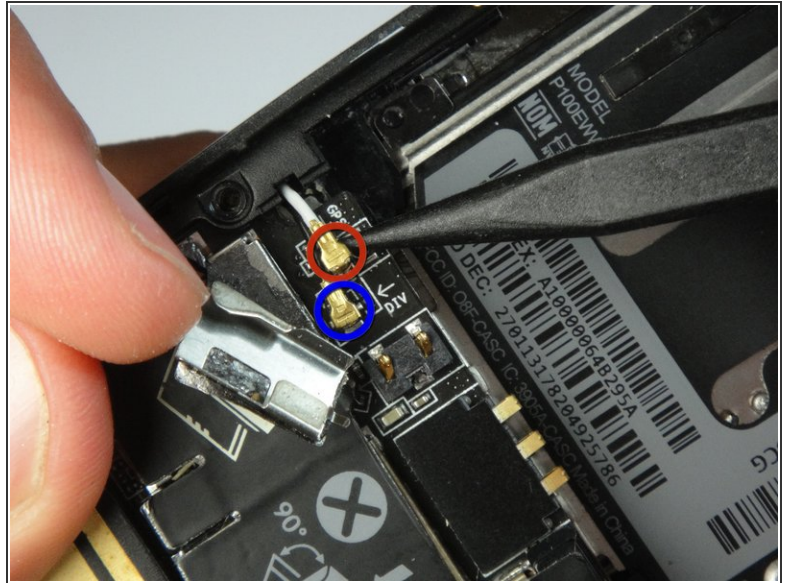
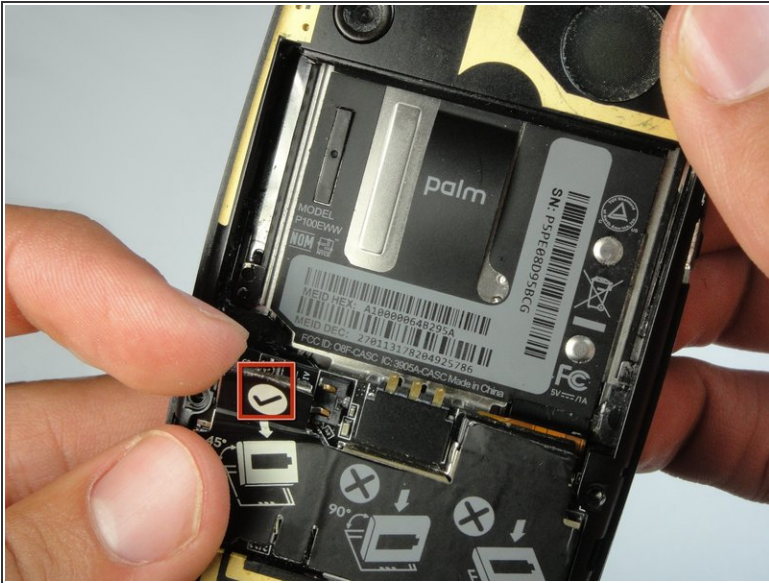
- First the back panel must be removed to reveal the battery.
- Remove the battery pack.

Step 2



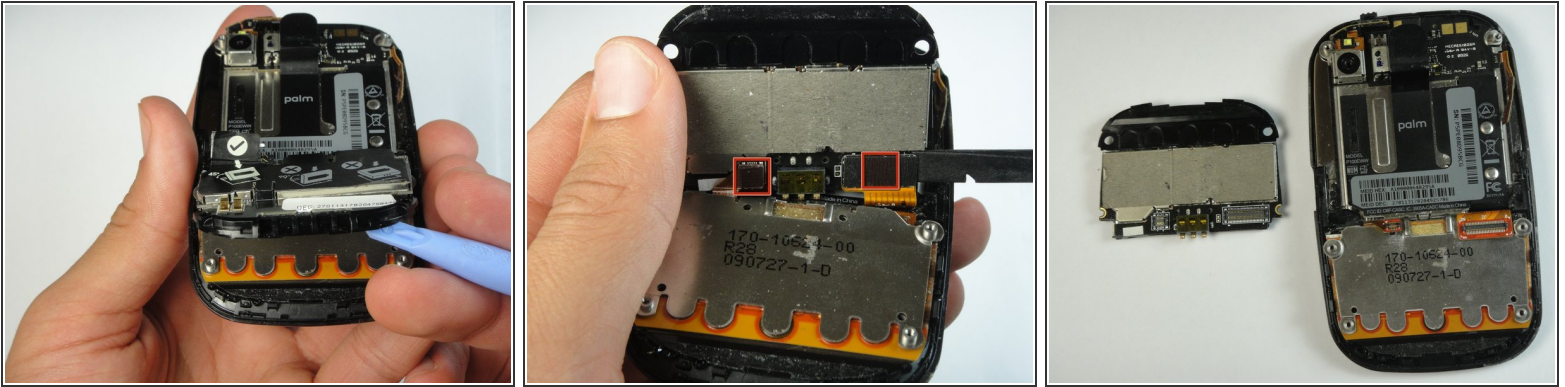
- Remove the six T5 screws necessary to separate the backplate from the phone.
- ⓘ There is one screw in the upper right that is concealed by a small sticker labeled "Palm."
- Additionally, there are interlocking tabs securing the back plate around the edges.
- Use the opening tool to carefully go around the phone releasing these tabs.

Step 3



- Lift the metal flap marked in red to reveal the antenna connectors.
- Carefully pry these the antennas from their connections, this can be done quite easily.
- ⓘ Take note of which colored wire is attached to each connection. The white wire corresponds to GPS, while the black wire corresponds to DIV, or diversity antenna.

Step 4 — PCB (Phone Circuit Board)



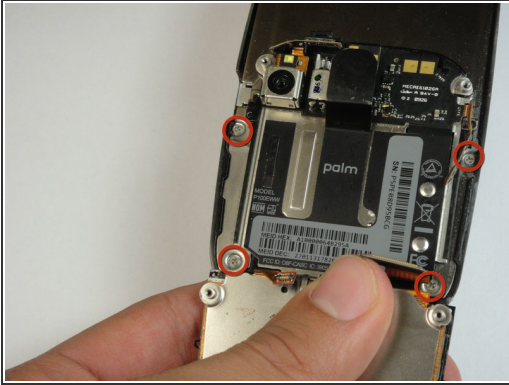
- With the backplate removed, we have easy access to the PCB.
- Two connectors must be disconnected so that we can remove the PCB.
- Gentle prying with the opening tool should easily separate the glued PCB from the rest of the phone.

Step 5 — Motherboard



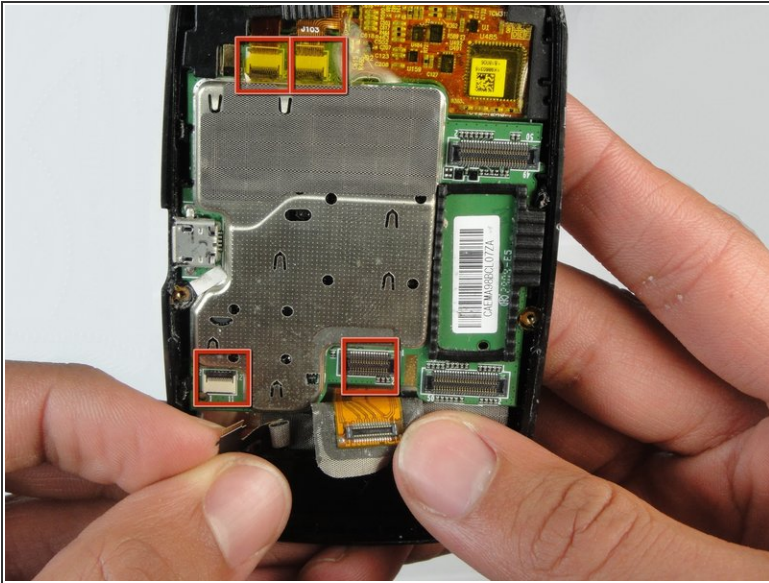
- Once you have removed the PCB, you can proceed to removing the keyboard bezel.
- To do this, use a spudger to gently lift off the plastic edging as shown. There are small plastic hooks attaching the bezel to the keyboard.
- Be careful not to rip any of the loops on the keyboard.

Step 6



- Now you are ready to pry the slider function from the back of the screen.
- Remove the four screws. The bottom two screws are easier to see when the phone is slid about half open.
- Again, use the spudger to pry around the edges loosening it until it comes apart.
- There are several connectors still attaching these two pieces. Use the spudger to disconnect them on the screen.

Step 7



- Next, remove four connectors to remove the mother board.
- Use a spudger to gently pry the four connectors.
- ⓘ There is a yellow film over some of the connectors that must be removed prior to removing the connections.
- After everything is disconnected, the mother board should lift out easily.

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