



LeapFrog LeapPad Ultra Repair Screen Replacement

A damaged screen inhibits view and touchscreen...

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INTRODUCTION

A damaged screen inhibits view and touchscreen functionality of the device. A screen replacement is necessary when the damage to the screen prevents the device from being used to its maximum capacity. When following this guide, be careful not to cause harm to any of the other internal components as they are very fragile.

TOOLS:

[Phillips #1 Screwdriver](#) (1)

[Spudger](#) (1)

[iFixit Opening Tool](#) (1)

[Tweezers](#) (1)

[Phillips #00 Screwdriver](#) (1)

Step 1 — Battery



- Remove the barcode covering the two screws on the lower back of the Leap Pad.

Step 2



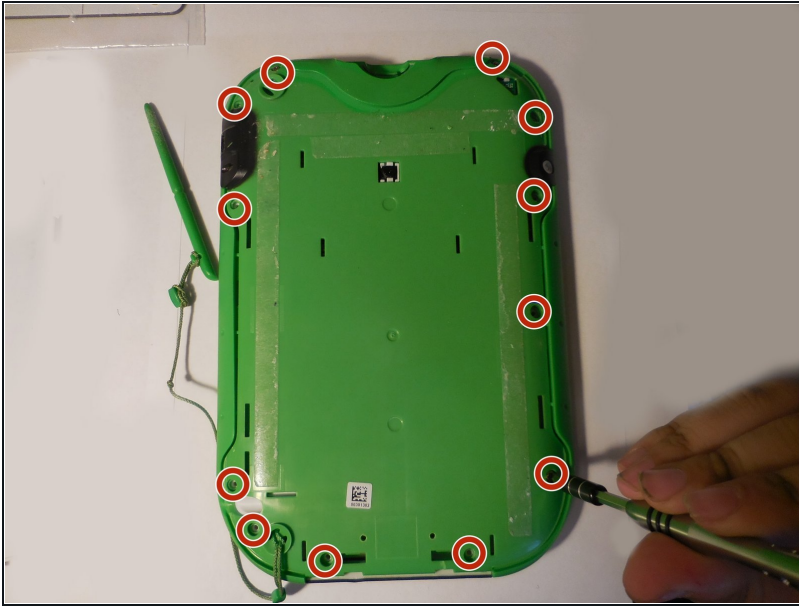
- Remove the two 5 mm screws that were covered by the sticker.

Step 3



- Using a plastic opening tool, pry off the outer protective child proof casing, starting from the bottom.

Step 4



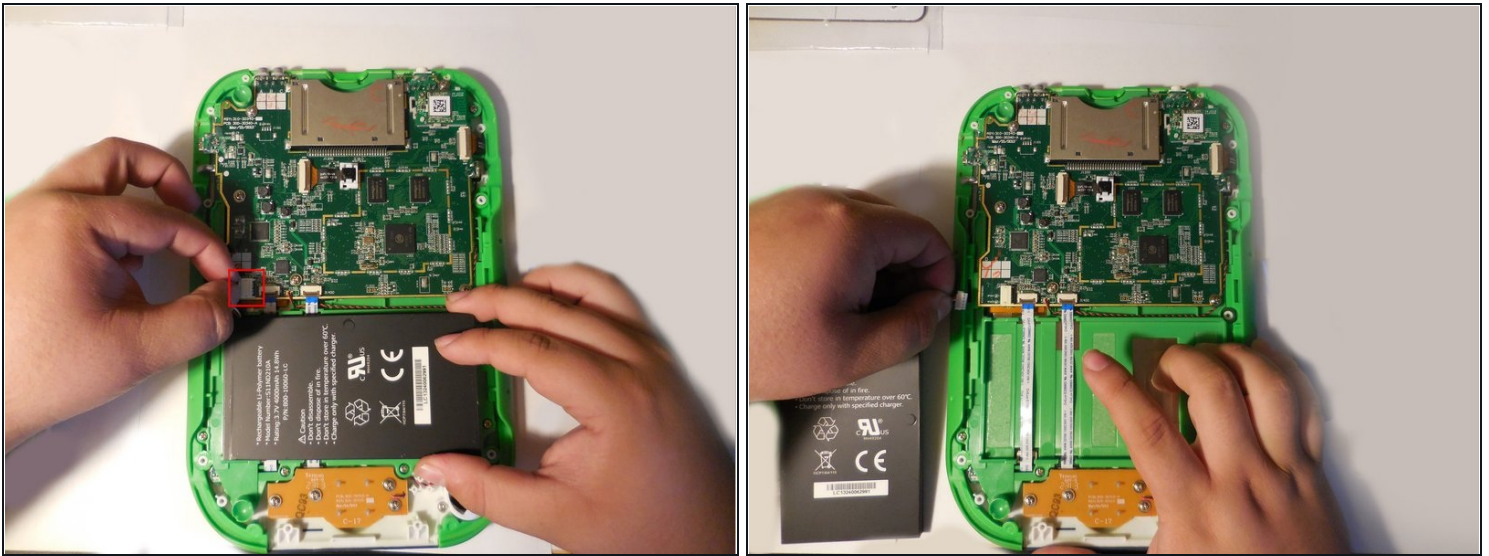
- Remove the 7 mm screw to the right of the cartridge dock, two 8 mm screws in the top left, and the nine 8 mm screws holding the the green shell.

Step 5



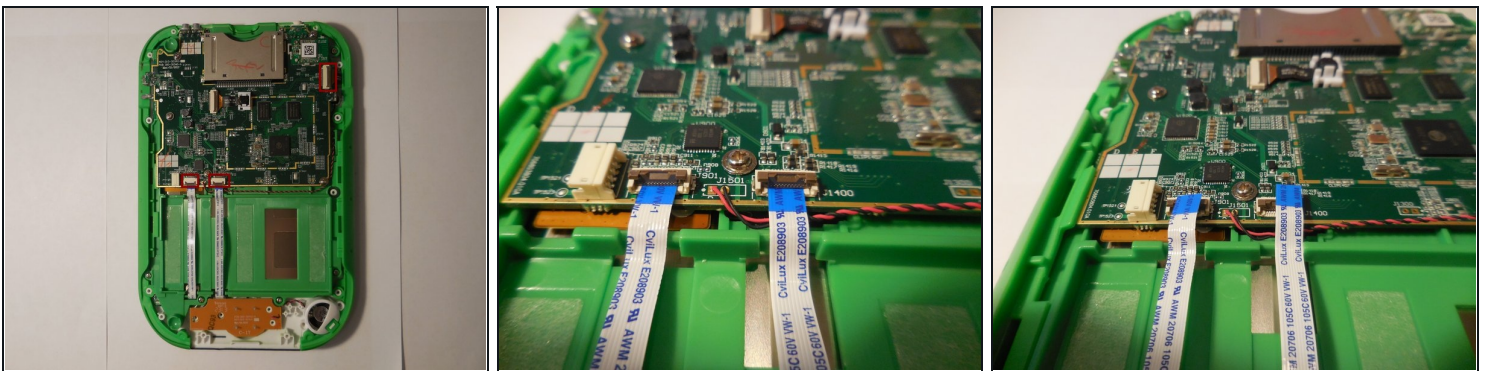
- Remove the hard plastic casing, exposing the motherboard and battery.

Step 6



- Disconnect the battery using tweezers or your fingernails.
 - The battery is glued down, if available put some isopropyl alcohol around the edges of the battery to soften the glue.
 - Gently pry off the battery loose using a spudger or another thin prying tool.
- ⚠ Be careful, damaging/puncturing the battery may cause an explosion.

Step 7 — Motherboard



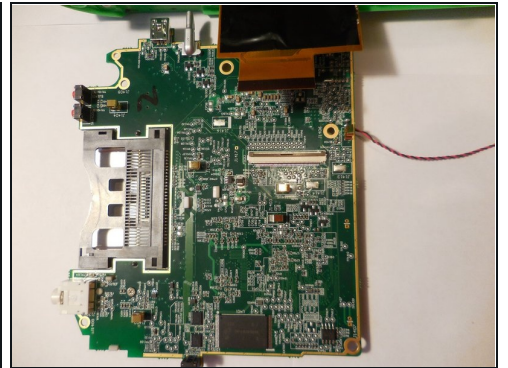
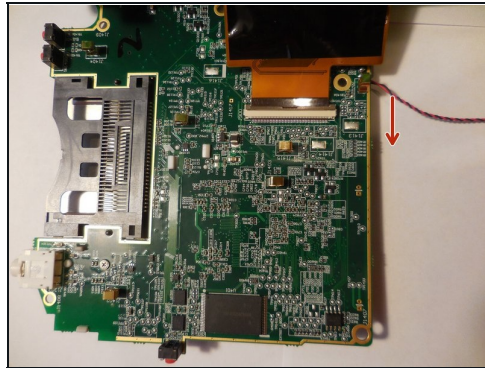
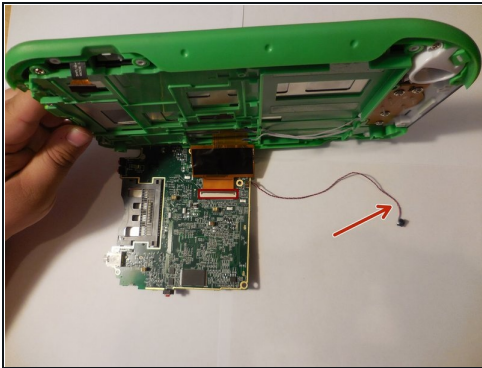
- Disconnect the three wires that will be visible on top of the motherboard. The wires need to be disconnected by pulling them up vertically.

Step 8



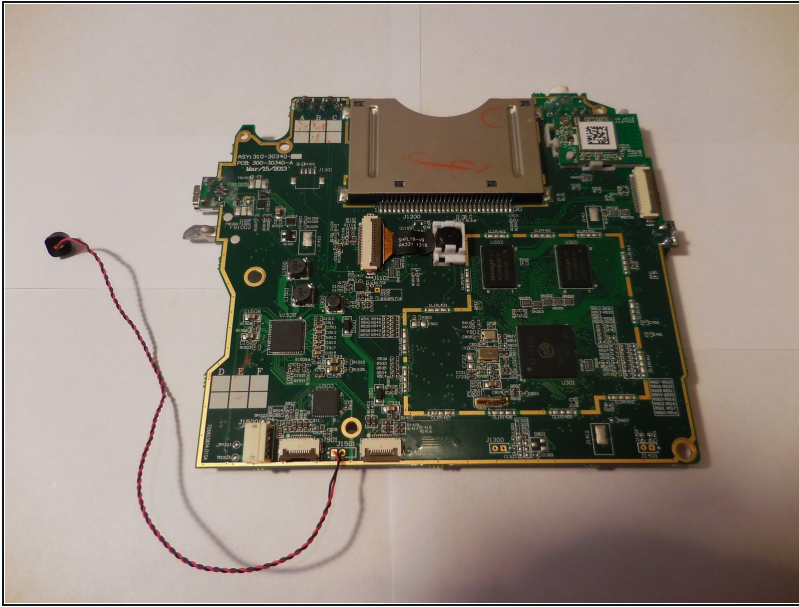
- Unscrew the five screws holding the motherboard into the housing.

Step 9



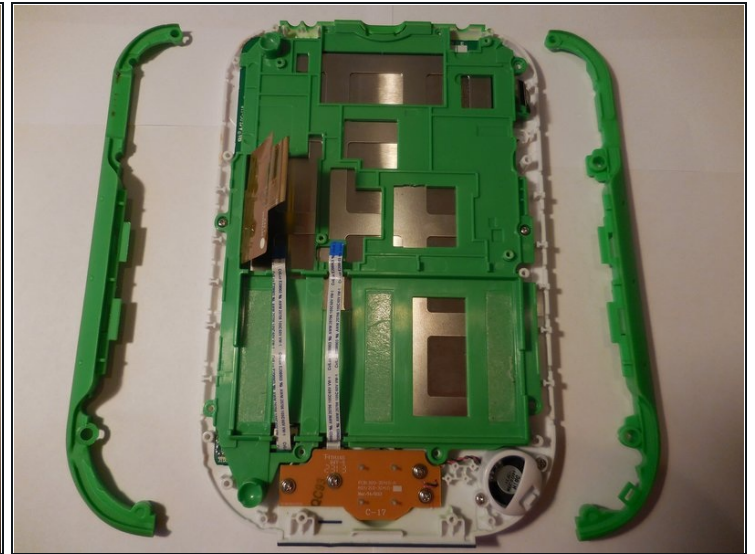
- Lift the motherboard up exposing the fourth and final wire. Once you lift up the motherboard you will need to pull down on the wire to disconnect.

Step 10



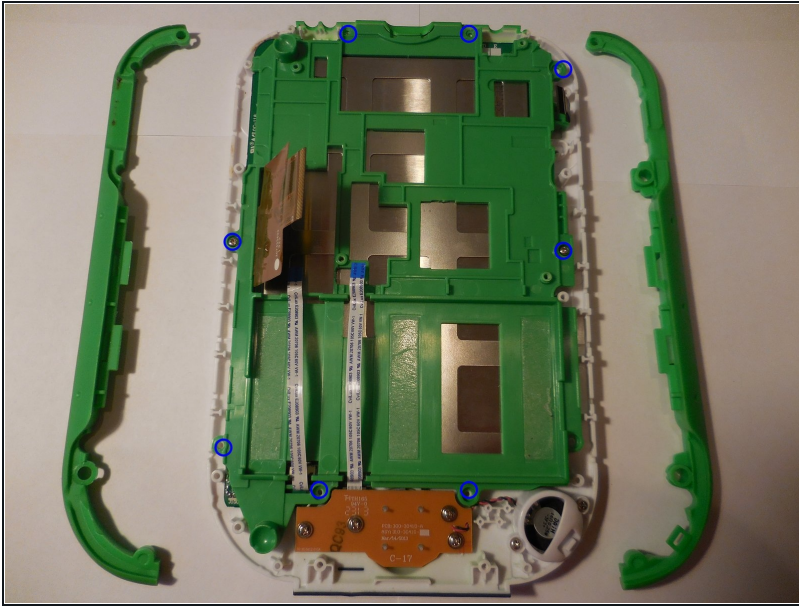
- Remove and replace motherboard.

Step 11 — Screen



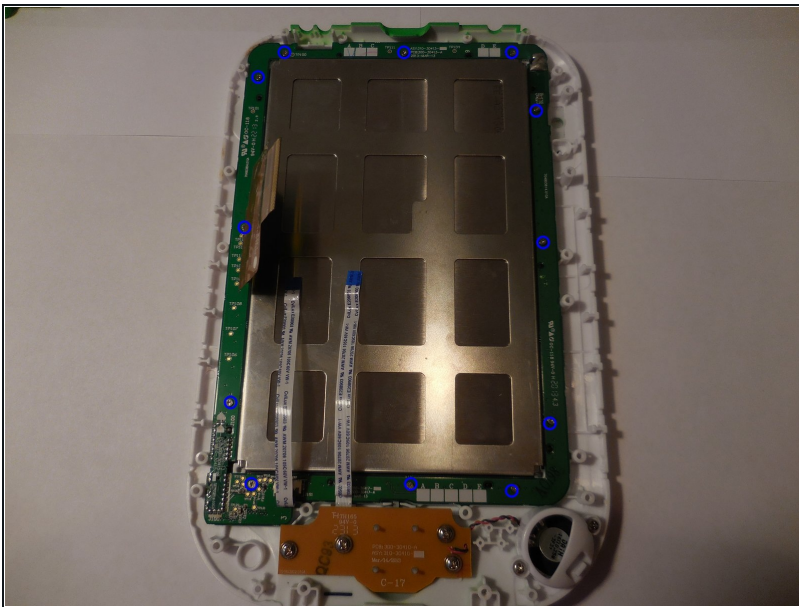
- Remove the side grips simply pulling them both vertically exposing eight screws.

Step 12



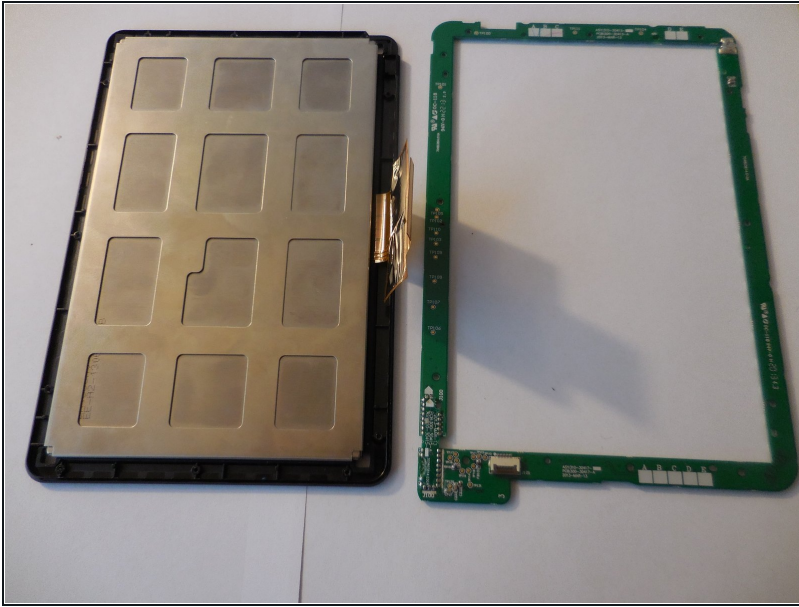
- Using the screwdriver with the PH1 bit, unscrew all nine of the exposed screws holding the plastic base down and remove the base.

Step 13



- Using the screwdriver with the PH00 bit, unscrew the twelve screws holding the screen casing down.

Step 14



- Separate the screen from the casing and circuit board.

Step 15



- Replace screen.

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