



Kindl Fire HD

This manual will guide you through the disassembly of an Kindl Fire HD and removal of battery, mainboard and display.

Written By: Paul

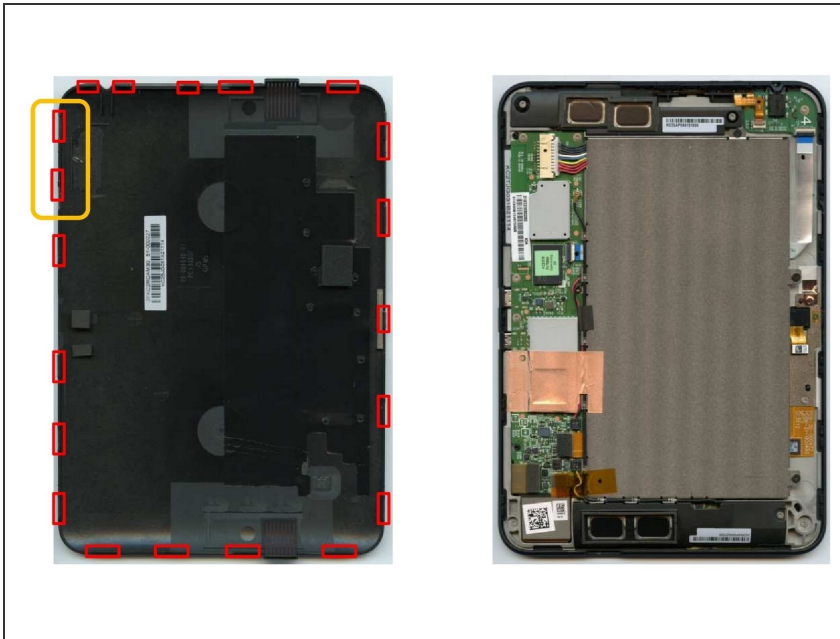




TOOLS:

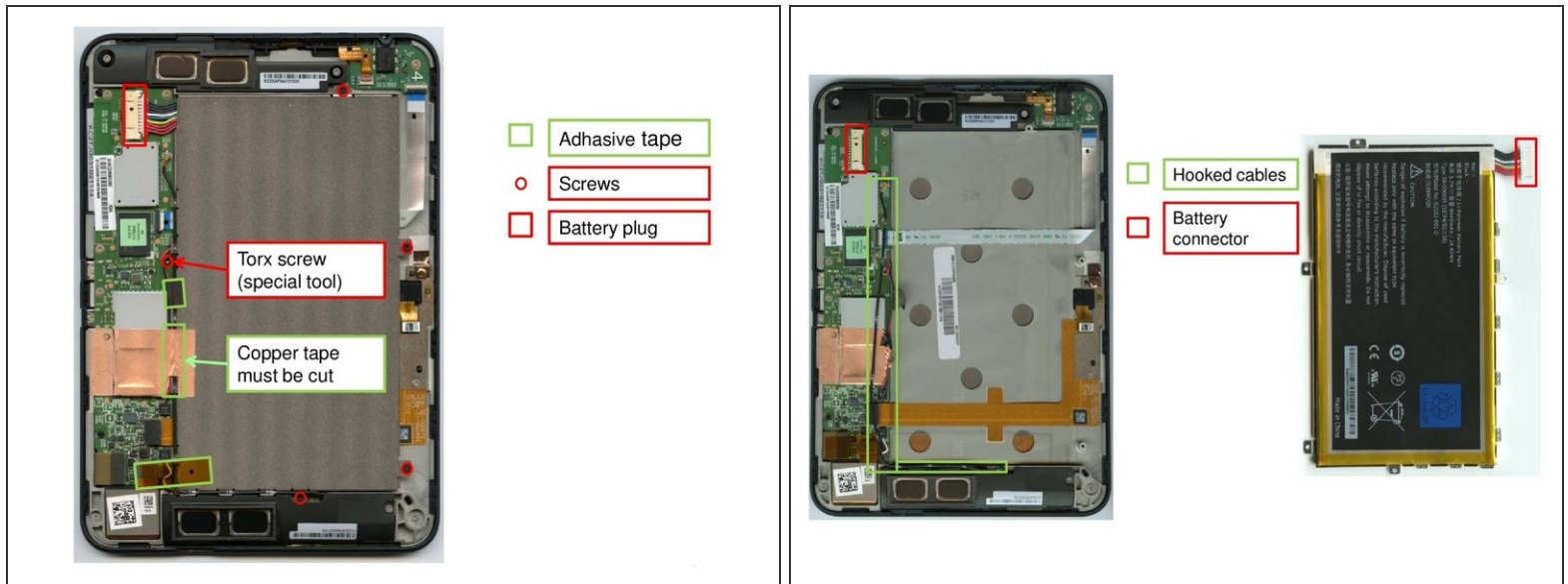
- [Lever Tool](#) (1)
- [Screw Driver Phillips #00](#) (1)
- [Screw Driver Torx 5](#) (1)

Step 1 — Removal of back cover



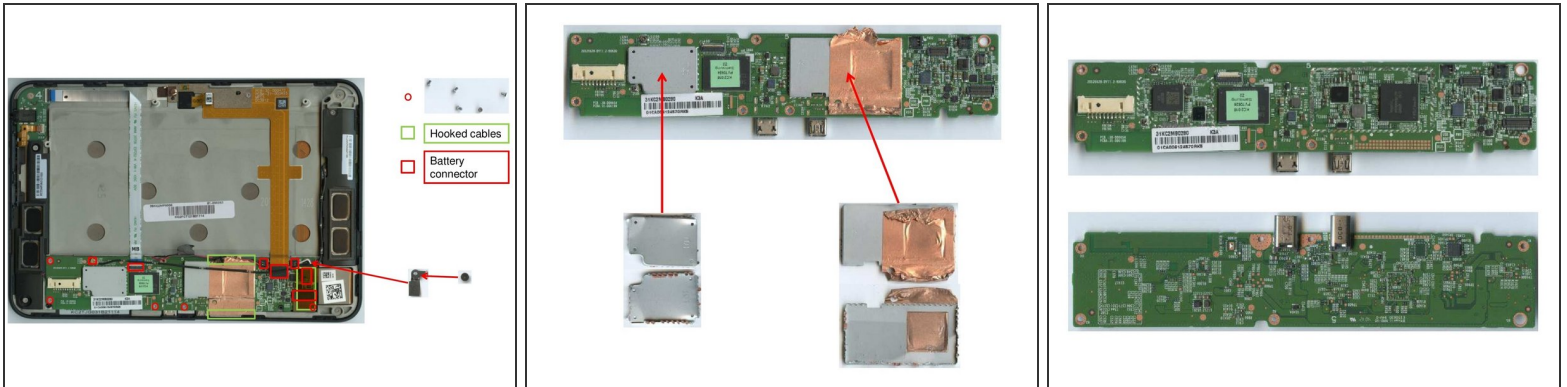
- The back cover can be easily removed by applying a small lever tool to the edge of the device. Twenty plastic clips fixate the back cover. Carefully lever the back cover off the device.

Step 2 — Removal of battery



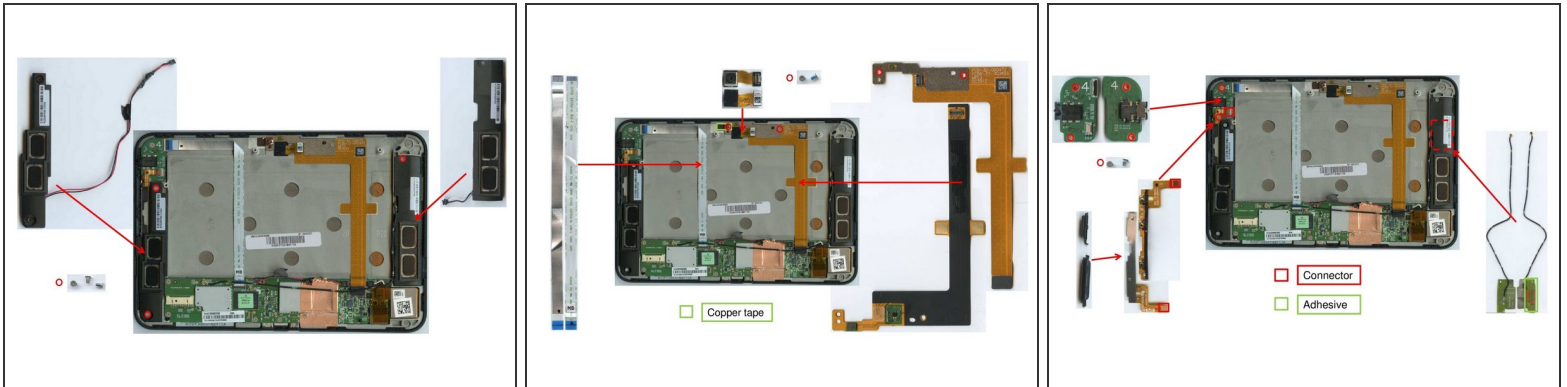
- In order to remove the battery first unplug the battery connector on the mainboard. Then unscrew a total of five screws (4x #00 and 1x Torx 5) that hold down the battery inside the device. The copper tape and some smaller patches of adhesives must be removed, too.
- As there are some cables alongside the metal frame of the battery, carefully remove the cables from the metal frame and lift up the battery, extracting it from the device.

Step 3 — Removal of mainboard



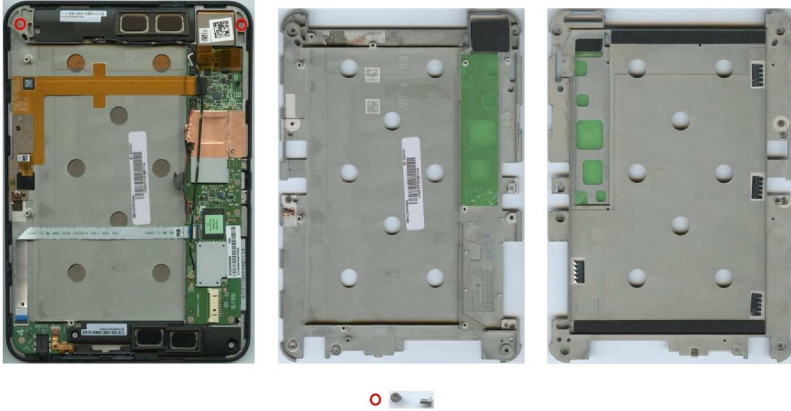
- Remove the speakers and speaker cables that are fixated with weak one-sided adhesive tapes. The white speaker cable can only be removed by unscrewing the screw (#00) that holds down the cable. Also remove the socket of that screw.
- Before carefully unfastening five screws (#00) that hold down the mainboard inside the device, a total of three connectors need to be unplugged additional to the antenna cable.
- Now the mainboard can be removed. The EMI shields are soldered to the mainboard and may only be removed by breaking the soldering points.

Step 4 — Further removal of components



- The speakers can be removed by unfastening three screws (#00) close to the speakers themselves. While the white speaker cable has been unfastened in step 3, the red cable needs to be pulled off two weak adhesives. Now extract the speakers from the device.
- Removing the copper adhesive tape next to the front camera and unplugging the connector should be sufficient to remove the camera from the device. Also remove two screws (#00) shown in figure two on the left side.
- The volume control buttons can be removed manually. The headphone jack can be removed by simply unscrewing the two screws (#0) that hold it down. Extract it afterwards.
- The antenna cable can be removed by detaching it from the double-sided adhesives.

Step 5 — Removal of magnesium frame



- By further removing two screws (#0) from the frame it is possible to separate the frame from the rest of the device.