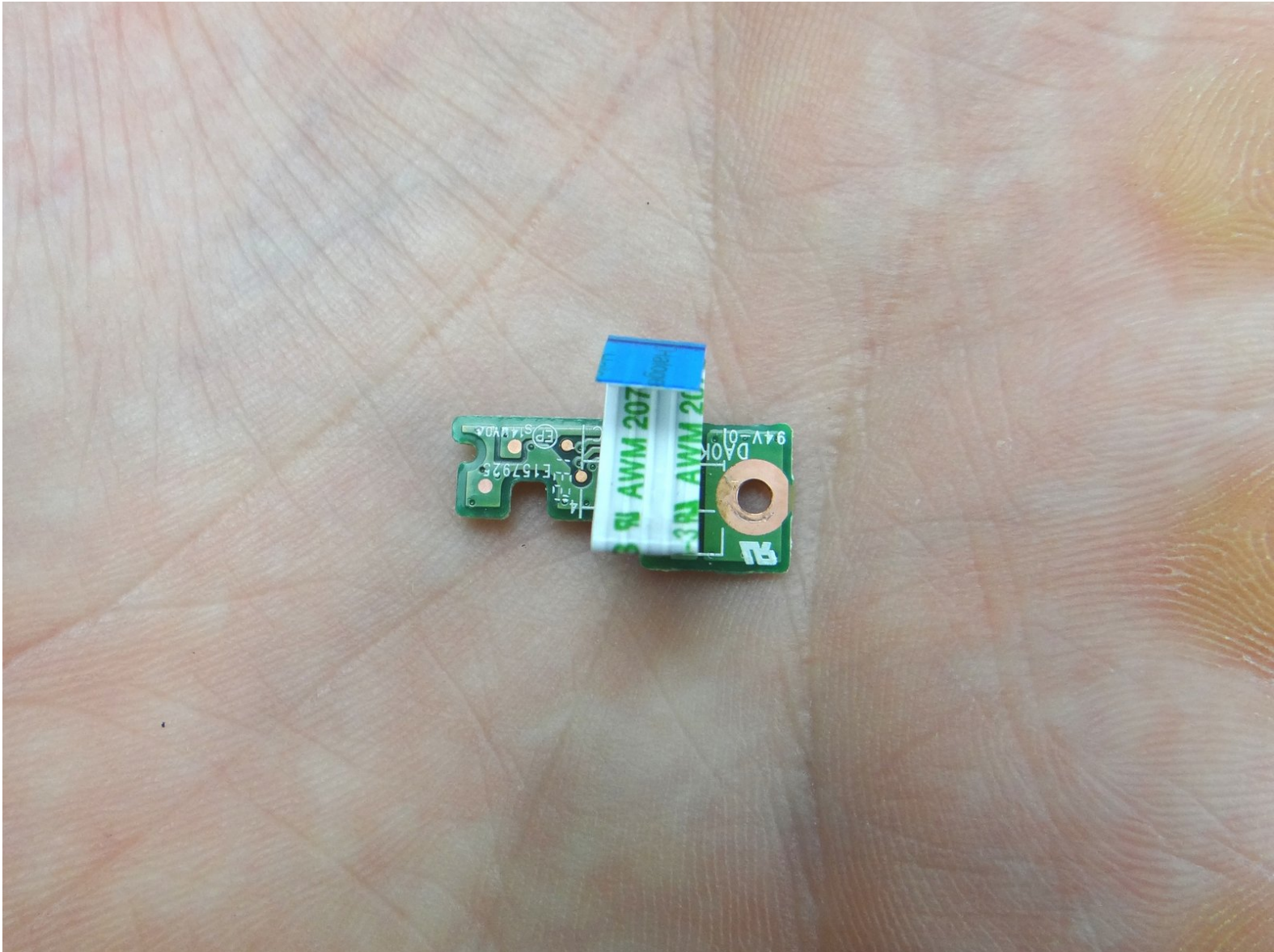


CELLPHONESANDBOX

Manual 04 - Power Button Cable

Written By: James Linder



Step 1 — Removal 1 - Battery Cover



- In the next few steps, you'll be opening the Kindle by freeing the clips marked in Picture 2.

Step 2



- Picture 1: Insert the blue pry tool directly under the charging port.
- Picture 2: Slide the blue pry tool slightly left, under the headset jack.
- Picture 3: Pry the battery cover open just enough to insert a guitar pick left of the headset jack.

Step 3



- Picture 1: Slide the blue pry tool right, under the power button.
- Picture 2: Pry the battery cover open just enough to insert a guitar pick right of the power button.

Step 4



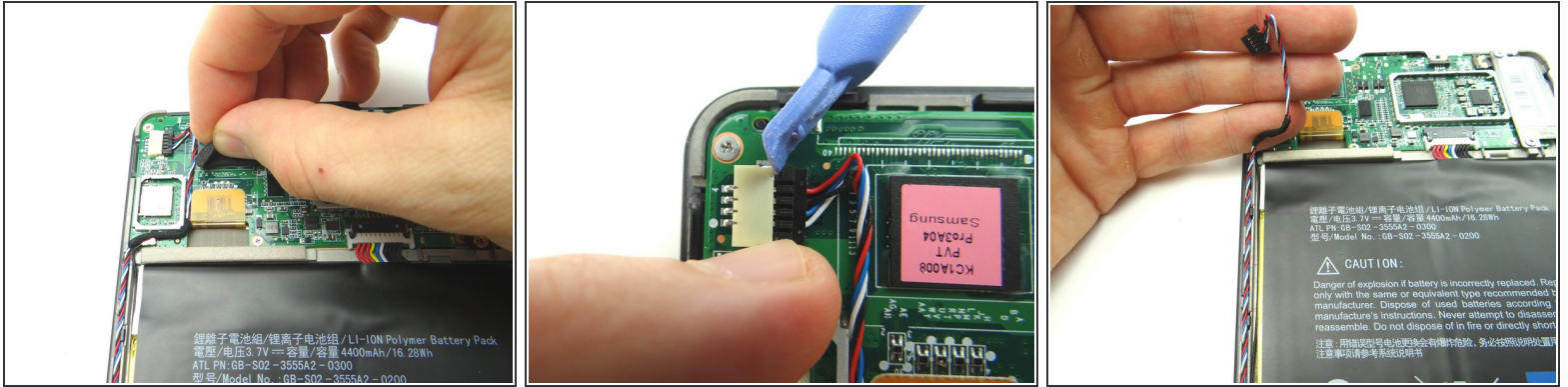
- Pry from the bottom of the Kindle to the top to release the battery cover clips.
- Pry up the other side.

Step 5



- With the Kindle upside down (charging port at top), use your hands to separate the battery cover from the Kindle. Start at the charging port and work your way down.
- Place battery cover in ZONE V.

Step 6 — Removal 2 - Loudspeaker



- Picture 1: Peel up foam tape covering the speaker connector. Place in COMPARTMENT A.
- Picture 2: Wedge your fingers in the notches between the black speaker cable head and the white speaker connector. Pull the black speaker cable head free.
- ① Use a blue pry tool if you can't fit your fingers in the notches.
- Picture 3: Unthread the speaker cable.

Step 7



- Remove two 3.3 mm Phillips #00 screws securing the speaker assembly. Place in SLOT 1.
- Remove speaker assembly and place in ZONE I.

Step 8 — Removal 3 - Battery



- Use the blue pry tool to disconnect the antenna cable head.
- Unthread antenna cable, but don't try to remove it.

Step 9



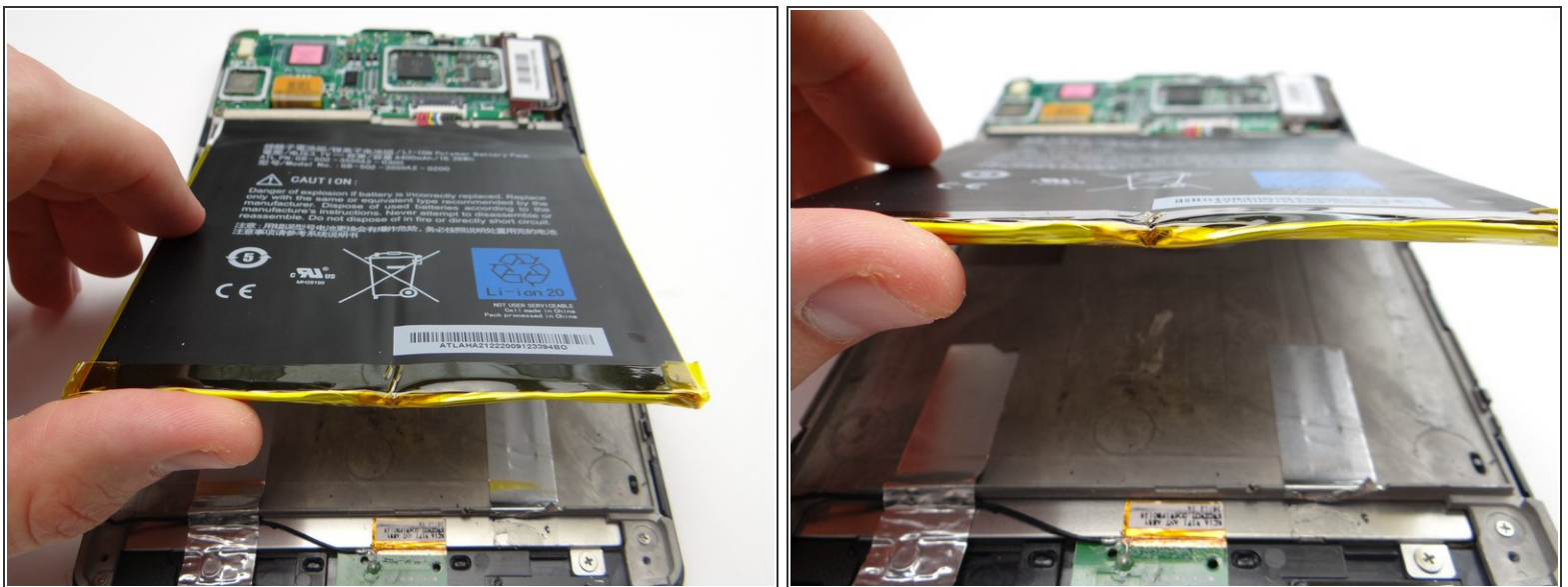
- Picture 1: Wedge the spudger under the lower-right corner of the battery.
- Pictures 2 & 3: Work your way up the right side.

Step 10



- Picture 1: Wedge the spudger under the lower-left corner of the battery as shown.
- Pictures 2 & 3: Work your way up the left side.

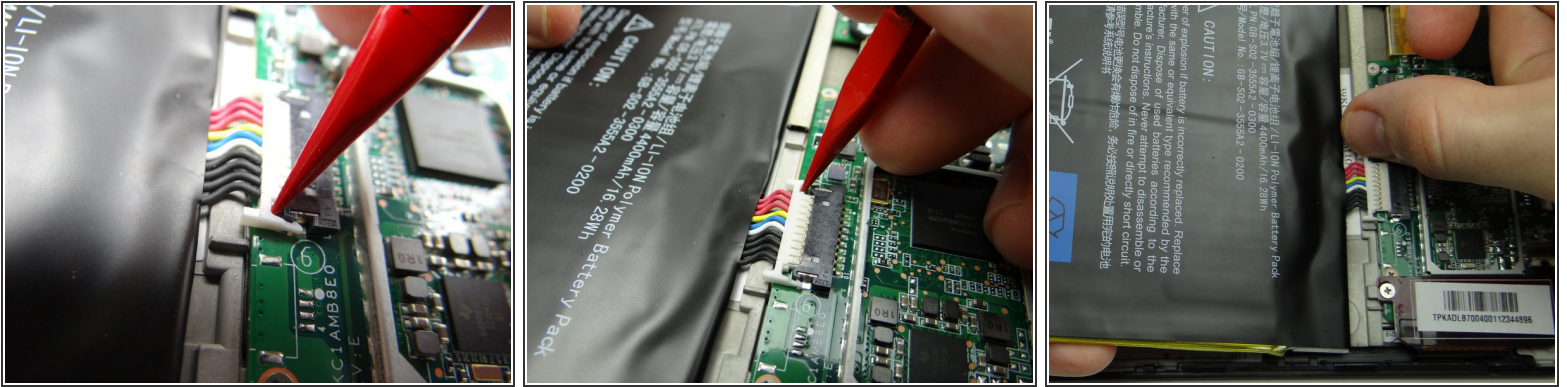
Step 11



⚠ Don't try to remove the battery as it's still connected to the logic board:

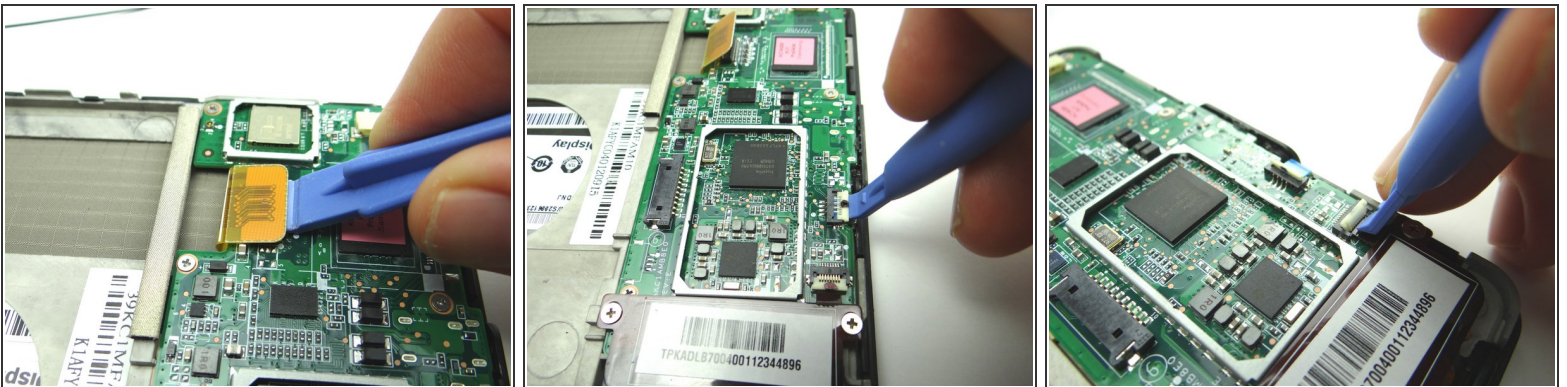
- Lift the battery up from the bottom to free it from the adhesive.
- Lift it to a 45° angle.

Step 12



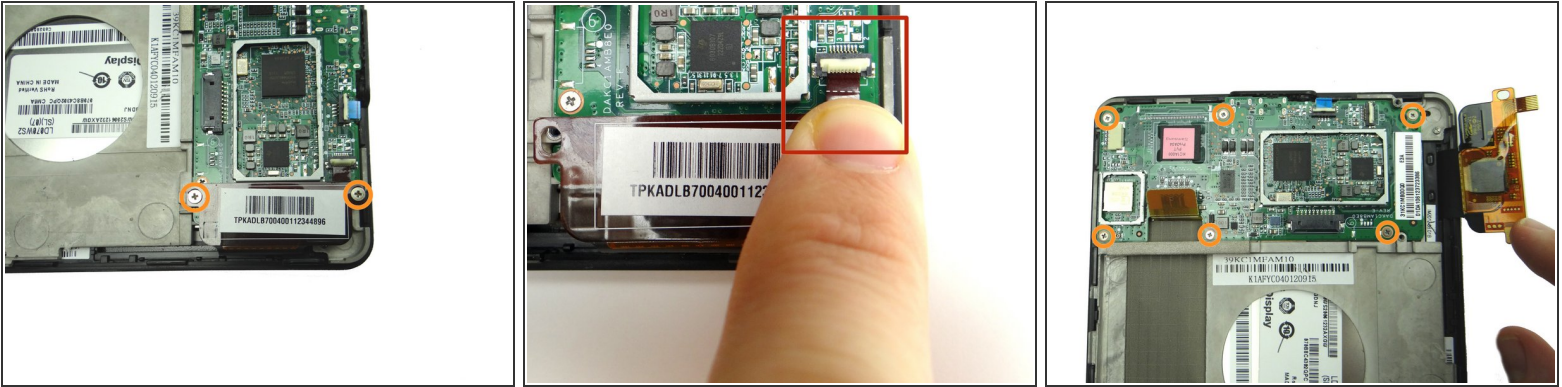
- Disconnect the battery:
- Pictures 1 & 2: Wedge the pointed end of the spudger on either side of the battery connector to unhook it.
- Picture 3: Make sure both sides are unhooked while pulling the battery up and away from the Kindle. Place the battery in ZONE V with the battery cover.

Step 13 — Removal 4 - Logic Board



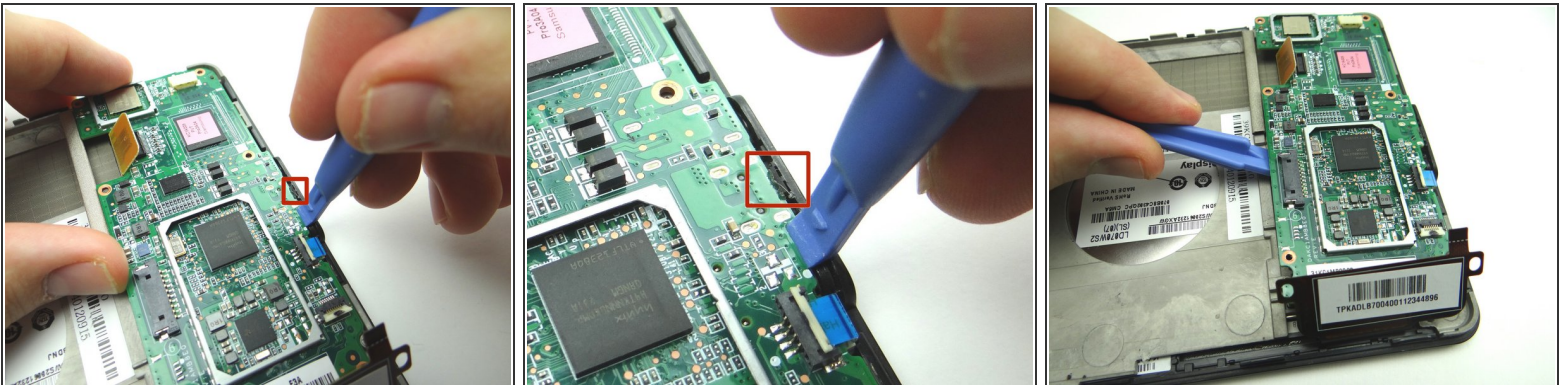
- Picture 1: Use a wide blue pry tool to disconnect the LCD cable.
- Picture 2: Open the ZIF connector securing the power button cable.
- Picture 3: Open the ZIF connector securing the digitizer cable.

Step 14



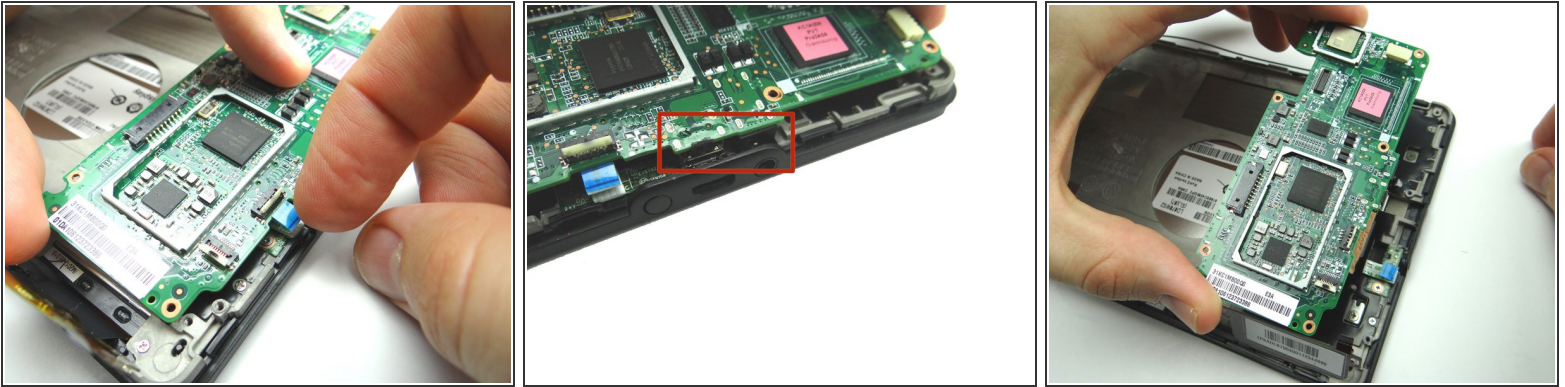
- Picture 1: Remove two 2.3 mm Phillips screws holding down the digitizer cable. Place in SLOT 2.
- Picture 2: Slide the digitizer cable connector out with your finger.
- Picture 3: Remove six 2.6 mm Phillips screws securing the motherboard. Place screws in SLOT 3.

Step 15



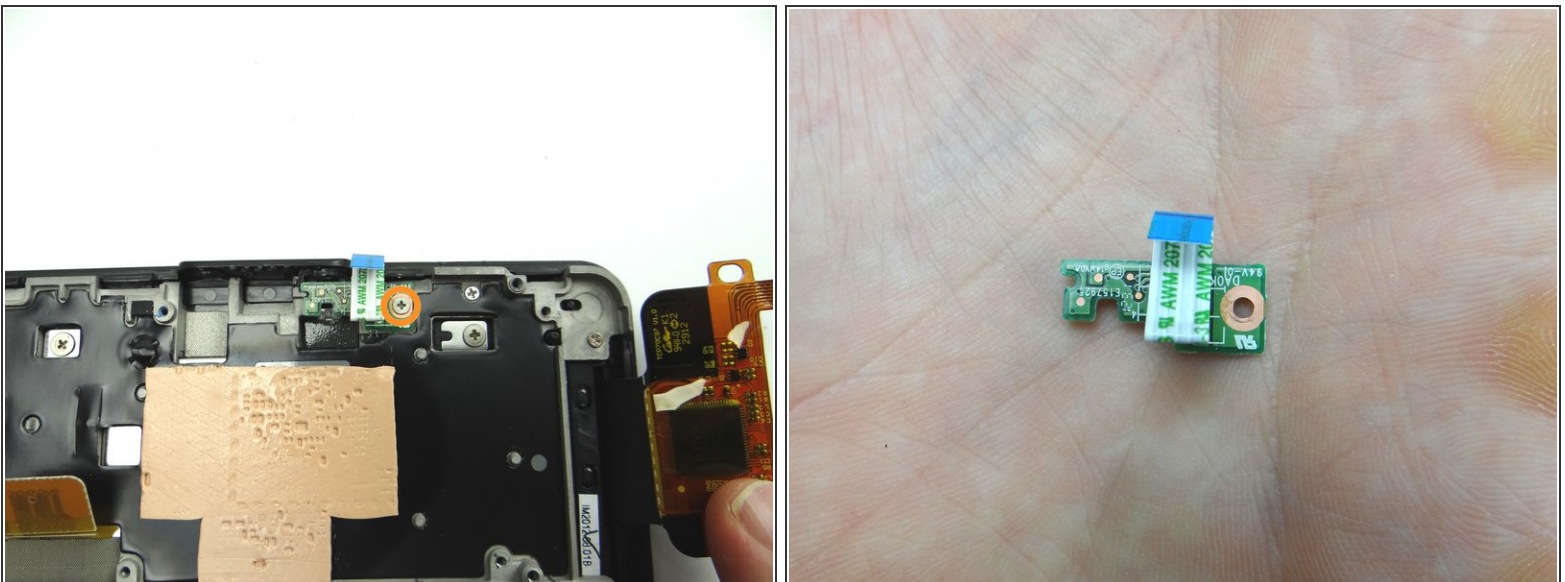
- Pictures 1 & 2: Wedge the blue pry tool between the logic board and front panel exactly where shown. Pry just enough to pivot the logic board around the notch in the red square.
- Picture 3: The bottom of the logic board is lightly adhered to the mid-plate. Wedge the wide blue pry tool exactly where shown. Gently twist counter-clockwise to lift the bottom of the board.

Step 16



- Picture 1: Lift the bottom edge of the logic board while sliding the power button cable free.
- Picture 2: Carefully guide the charging port and headset jack (soldered to the bottom of the logic board) free.
- Picture 3: Lift the logic board away from the device. Place in ZONES II & III.

Step 17 — Removal 5 - Power Button Cable



- Remove the 2.5 mm Phillips screw securing the power button cable. Place screw in SLOT 4.
- Peel up power button cable with your fingers and place in COMPARTMENT B.

Step 18 — Replacement 5 - Power Button Cable



- Replace power button cable from COMPARTMENT B.
- From SLOT 4, replace the 2.5 mm Phillips screw to secure the power button cable.

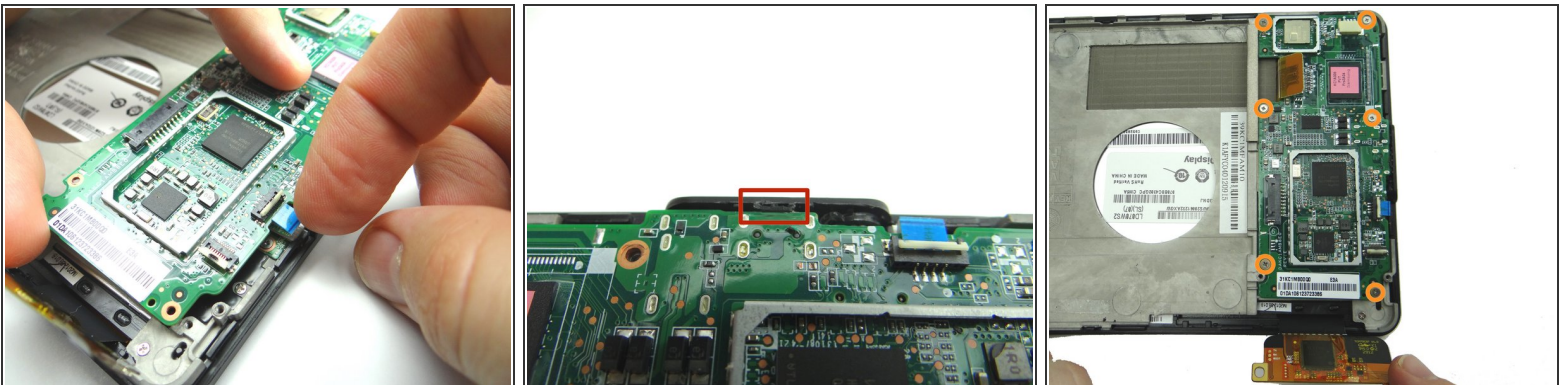
Step 19 — Replacement 4 - Logic Board



- Replace logic board from ZONES II & III. Guide the charging port and headset jack in first:
- Picture 1: Shows the charging port and headset jack on the bottom of the logic board.
- Picture 2: Shows the openings for the headset jack and charging port.
- Picture 3: Guide the charging port and headset jack in.

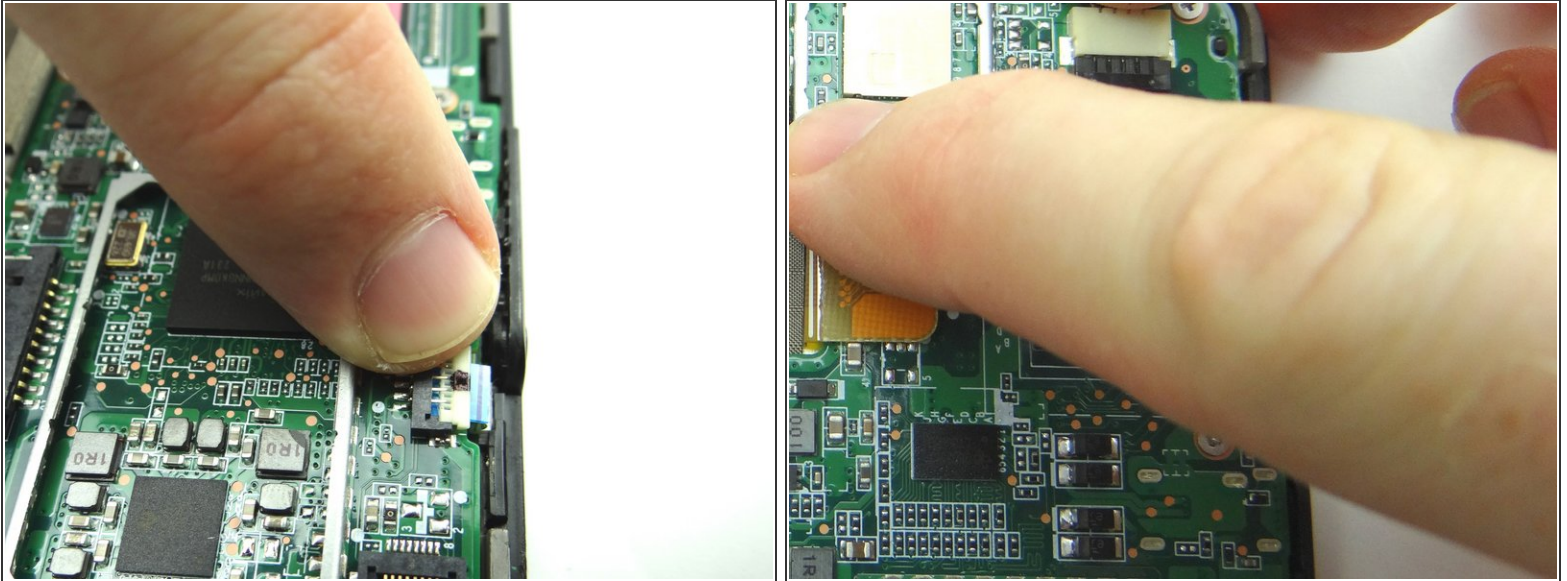
⚠ Make sure the power button cable doesn't get stuck under the logic board.

Step 20



- Pictures 1 & 2: Seat power button cable then gently push the logic board into place. Make sure the logic board is situated under the clip marked in Picture 2.
- Picture 3: From SLOT 3, replace six 2.6 mm Phillips screws.

Step 21



- Make sure power button cable is pushed in all the way. Close ZIF connector.
- Seat LCD cable.

Step 22



- Picture 1: Guide digitizer cable into ZIF connector.
- Picture 2: From SLOT 2, replace two 2.3 mm Phillips screws to secure the digitizer cable.
- Picture 3: Close ZIF connector.

Step 23 — Replacement 3 - Battery



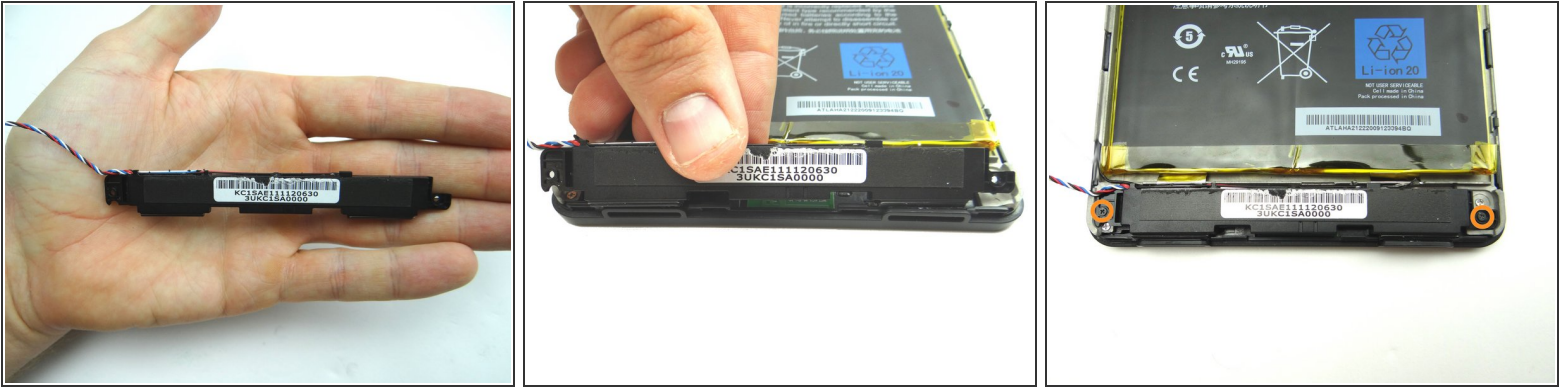
- Seat the battery from ZONE V while guiding the battery connector into its socket.
- Push connector in until it snaps into place.

Step 24



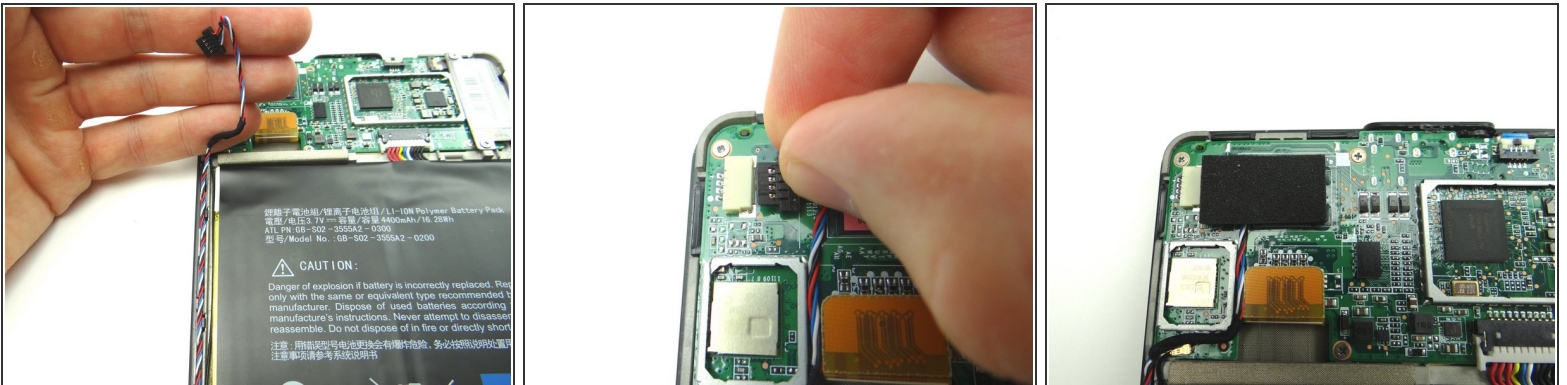
- Thread antenna along the left edge of the battery.
- Seat antenna on logic board.

Step 25 — Replacement 2 - Loudspeaker



- Replace speaker assembly from ZONE I.
- Replace two 3.3 mm Phillips #00 screws securing the speaker assembly from SLOT 1.

Step 26



- Picture 1: Thread speaker cable through the track just left of the battery.
- Picture 2: Push speaker cable connector into place.
- Replace foam tape from COMPARTMENT A.

Step 27 — Replacement 1 - Battery Cover



- From ZONE V, secure the battery cover to the Kindle.
- Start with the two tabs on either side of the charging port.

Step 28



- Push the bottom into place and work your way to the top.

Step 29



- Power up the device and test the replacement part or parts.