



Acer Liquid E1 Teardown

This will let you tear down your Acer Liquid E1 in a few easy steps.

Written By: Maxim



 **TOOLS:**

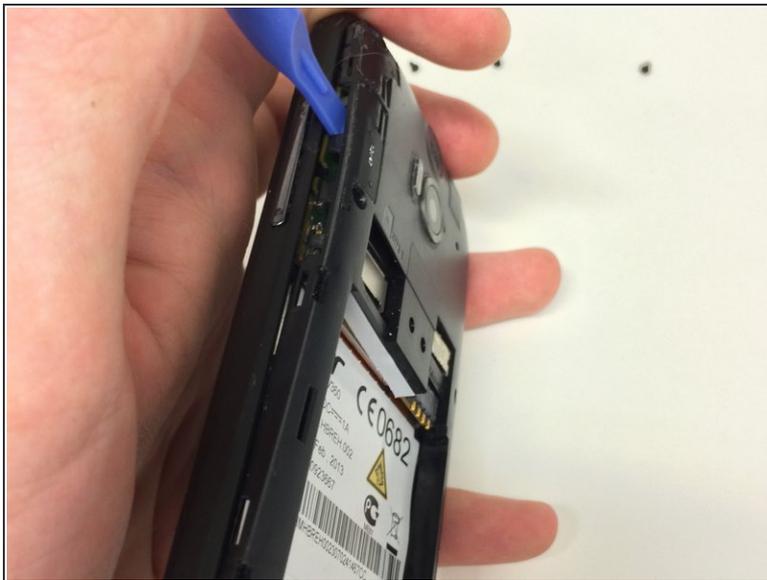
- [T5 Torx Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Spudger](#) (1)
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Step 1 — Acer Liquid E1 Teardown



- Remove the plastic back and the exposed battery.
- Do not forget to remove sim- and SD-cards
- Use a torx t5 to unscrew all screws. This will be the first and last time you'll use a screwdriver with this device.

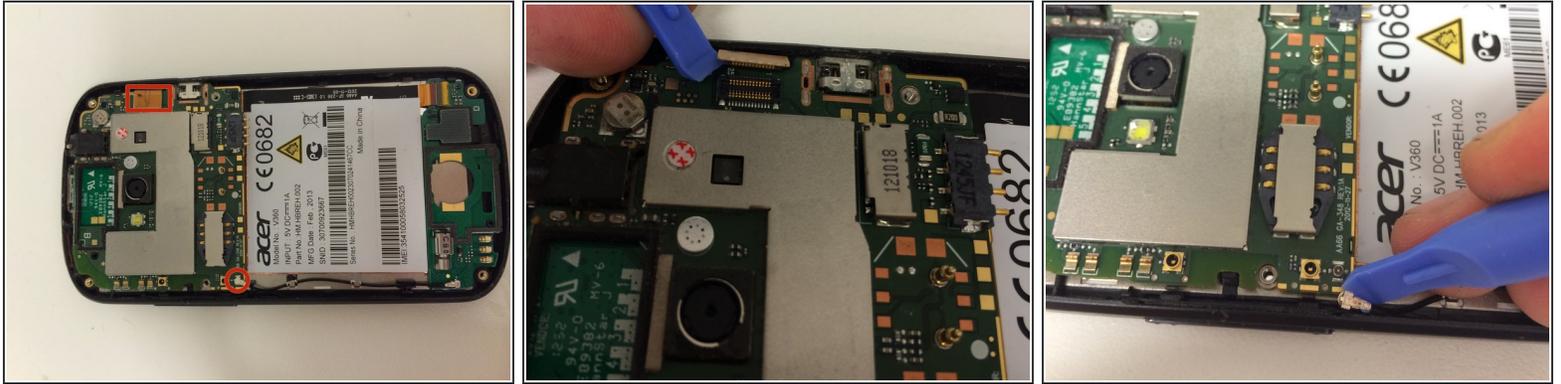
Step 2



- Use a plastic opening tool or spudger
- Pry around the side to release the backframe from the middleframe

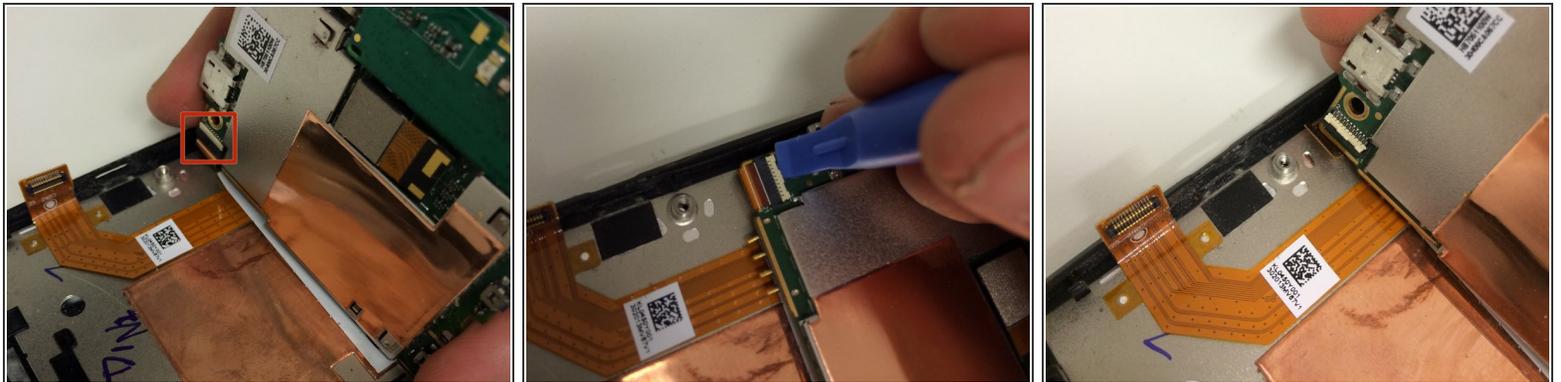
⚠ Be careful as the frame is quite fragile

Step 3



- To free the main board, remove the connector and antenna-cable
- ☞ Use a plastic spudger
- ⓘ Be careful not to chip components

Step 4



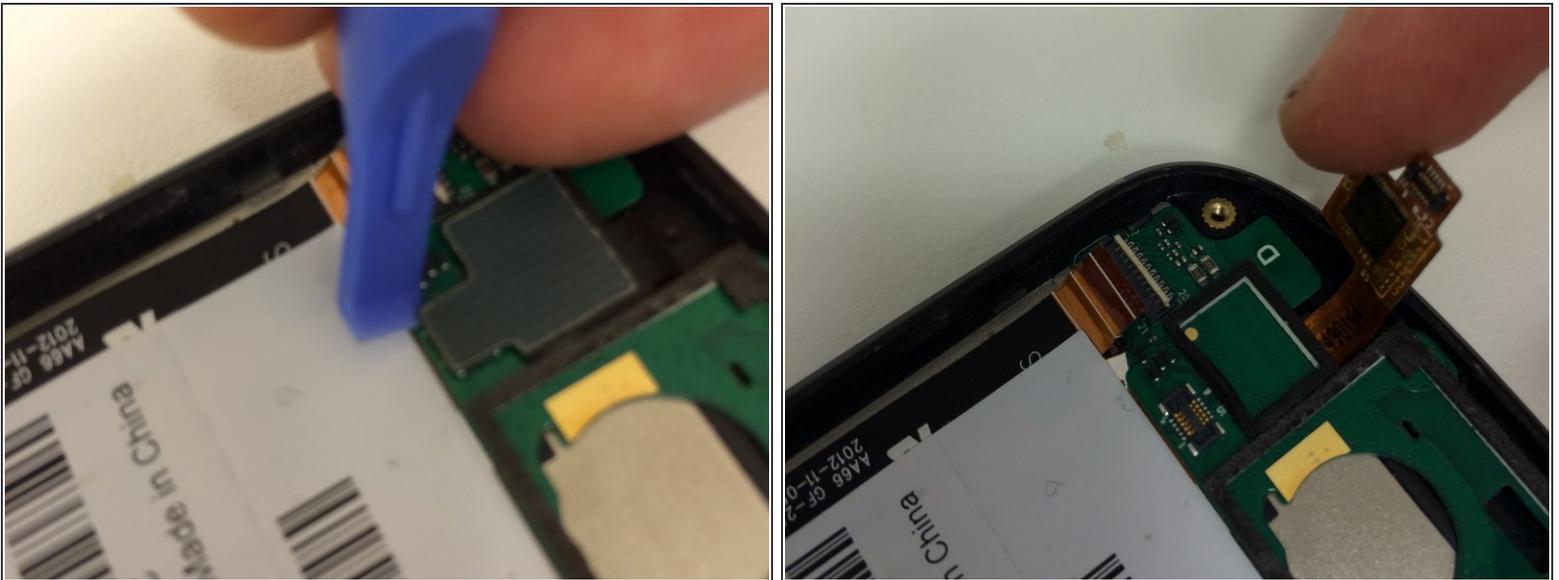
- Tilting the main board will reveal this connection
- Use a plastic spudger to open the lock
- Carefully pull the flex cable out of it
- ⚠ Don't put alot of stress on it

Step 5



- At the bottom, use a pair of tweezers to remove the yellow tape from the connector
- Use a plastic spudger to unlock
- Pull the flex cable out carefully

Step 6



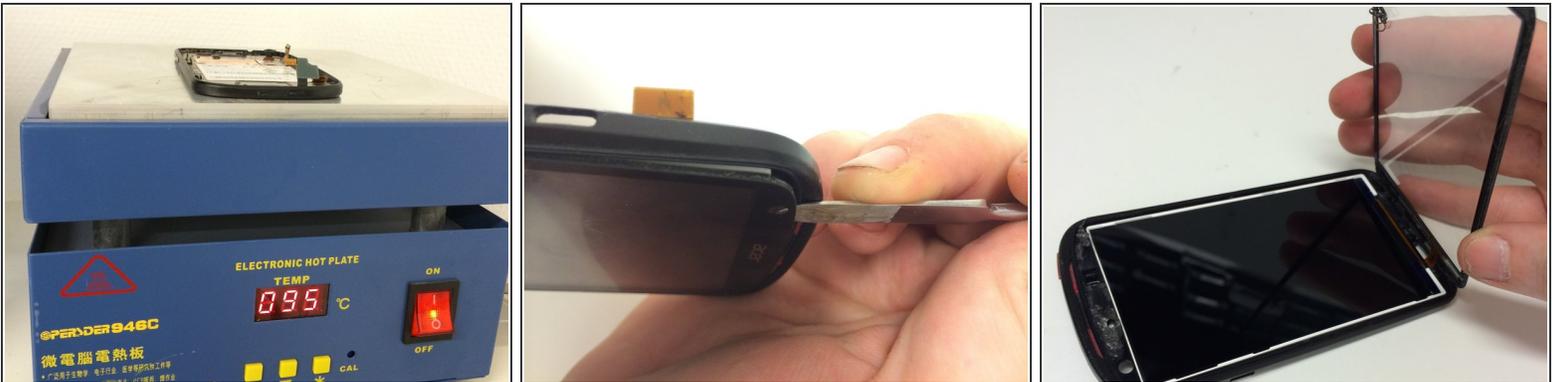
- Next, use a plastic spudger to remove the flex cable from its connection

Step 7



- Use a spudger to remove the bottom-plate from the frame.
- ⚠ Be careful when using metal tools (like I did)
- Make sure the antenna cable isn't attached to anything except it's socket

Step 8



- Let the remaining heat at 95°C for about 3-5 minutes to soften the adhesive
- Use an opening tool to pry at the top, between your digitizer and the middleframe
- Open it from the top, your digitizer-flex runs at the bottom
- ⚠ Be careful when using a heat-gun. Heat-guns don't distribute heat evenly and LCD-burns may occur

Step 9



- To remove the LCD, remove the sticker on the back of the midframe. It conceals the LCD-flex
- ⚠ Be careful when removing the sticker. It's glued tightly and too much stress will tear the LCD-flex
- Remove the LCD by pulling the whole cable through the midframe.

Step 10



- All done
- I hope you enjoyed it as much as I did

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