



How to clean a water damaged Nexus 5 Display

The screen on my nexus got wet and don't works good. With this guide we can clean a wet screen or replace with a new LCD display.

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INTRODUCTION

The screen on my nexus gets wet, it was just the screen (i was running and it entered sweat) which caused it began to marked by itself, the first day was just a few minutes and then ceased, but in recent days it became very annoying, mark everything like crazy just was unlocked.

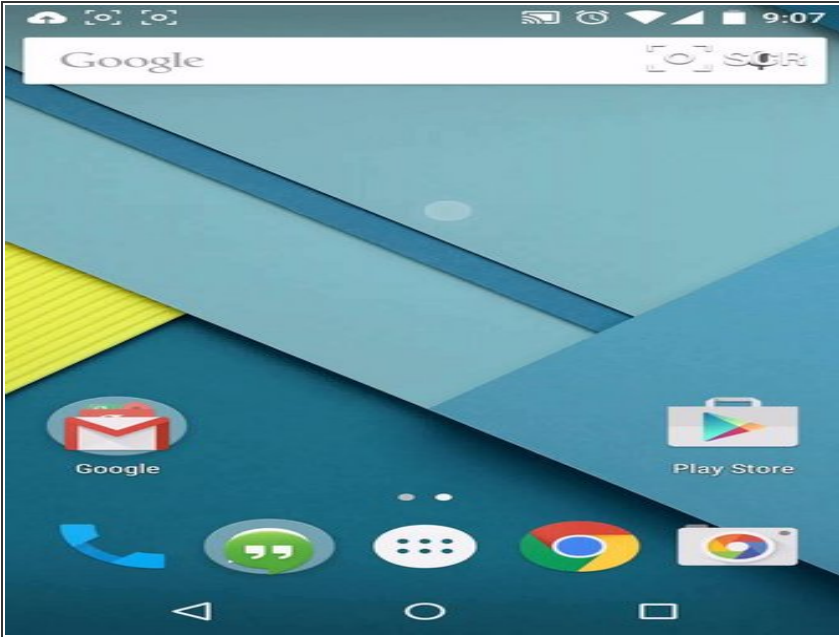
The second week after the release of Android lolipop reach my nexus update; had the update but could not use the phone and the new screen come otherwise within three weeks or so (I'm outside the US) so I could not wait.



TOOLS:

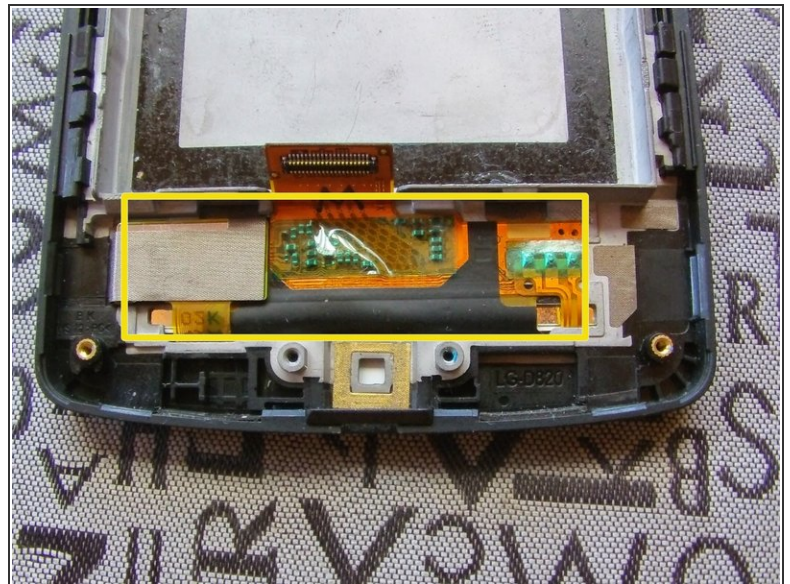
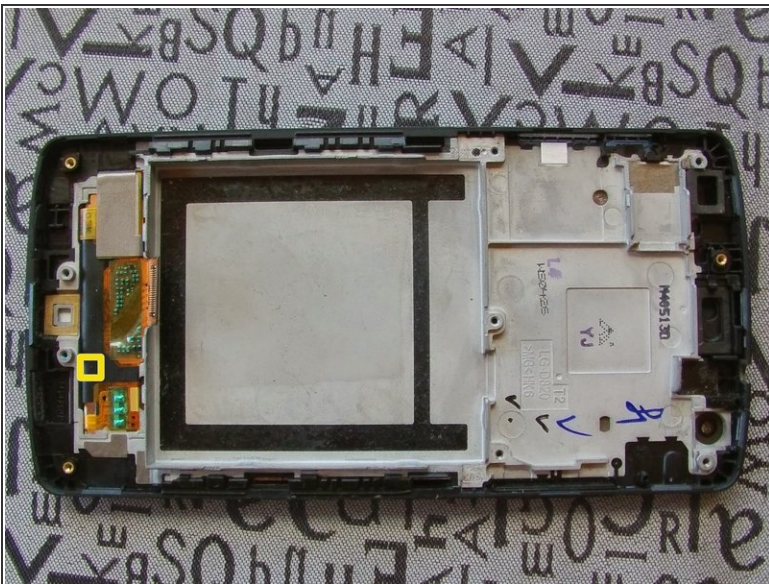
- [Heat Gun](#) (1)
 - [IR Thermometer](#) (1)
- i use a multimeter with temperature measurement
- [iFixit Opening Picks set of 6](#) (1)
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Step 1 — Showing the damage



- i** I'm starting this guide with the front frame and LCD display, to do this you must complete all the steps on the Nexus 5 Teardown guide [Nexus 5 Teardown](#)
- In this video you can see the damage; the screen has lost touch sensitivity in the areas that are blank in this drawing program.

Step 2 — Separate the screen and the frame.



- Flex what needs to be unstick

- i** The flex is strongly stuck on the frame, to remove it warm with a [Heat Gun](#).

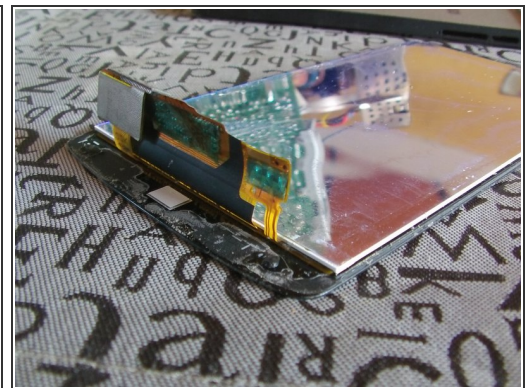
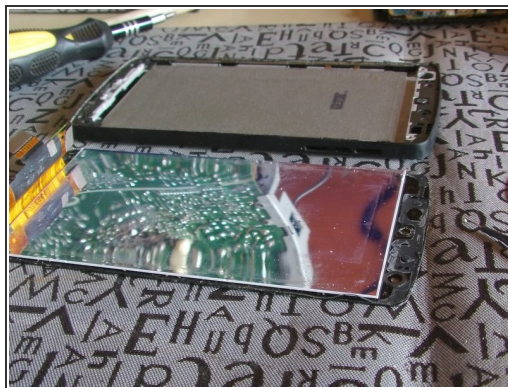
Step 3 — Heating the screen at 50°C.



i I used a multimeter with temperature measurement; it's not exact but it works.

- Heating the edges.

Step 4 — Separating the screen and the frame.

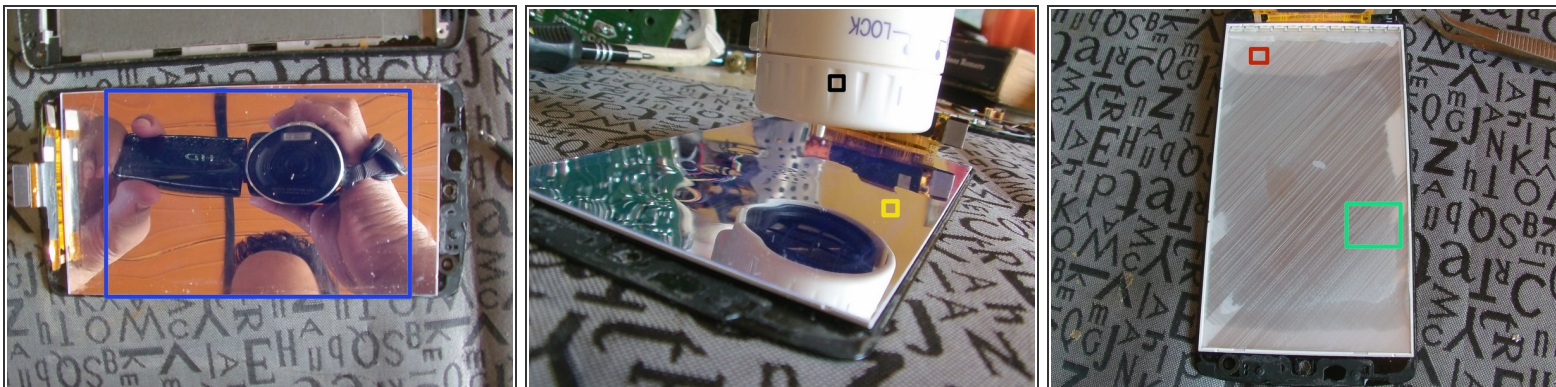


⚠ Be careful with the flex!

i If you are installing a new LCD screen you must put it on the frame and follow all the steps in reverse order.

- With a guitar pick you can separate the screen slowly.

Step 5 — Removing the layers on the screen.



i I used a hair dryer with cold air to help to separate the layers.

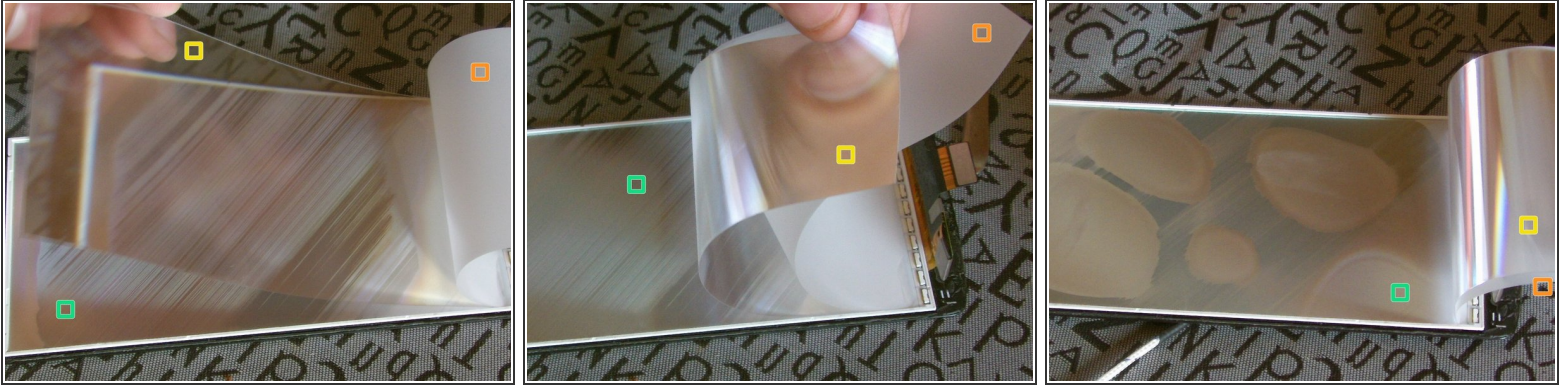
- The first layer we need remove.
- The second layer still on the frame of the screen.
- The wet layers are on the screen

Step 6 — Removing the layers on the screen pt2



- use the guitar pick to separate the layers
- 2nd layer
- 3rd layer

Step 7 — Dry and clean.



- 3rd layer - don't separate.
 - 4th layer - don't separate.
 - 5th layer don't remove.
- i** You can dry and clean all the layers (i use electrical contact cleaner).

Step 8 — Reassembling the layers.



- I cleaned all the layers perfectly with electronic contact cleaner.
- Once you have cleaned and dried the layers you must reassemble in reverse order.

Step 9 — Testing the assembly.



- ① I'm very scared disassembling the layers of the screen, i thought it wouldn't work but despite everything worked.
- ① I did this because i can't use the phone, the screen are marked by itself.
- ① This screen is bad but it works almost perfectly as you can see on the video.
- ① I must replace the LCD screen, but if you haven't money to replace and you want use which you have, this guide is perfect for you.

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