



Doogee Valencia2 Y100 Pro Screen Replacement

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INTRODUCTION

Today we will be replacing the screen on a Doogee Valencia2 Y100 Pro.

TOOLS:

[phillips head 1.8 x 40mm](#) (1)

[Tweezers](#) (1)

[Spudger](#) (1)

[iFixit Opening Tool](#) (1)

Step 1 — Remove Back



- Start by flipping the phone over and removing the back plate by applying a small amount of of prying, between the glass screen and the plastic back, indicated in red in the picture. If having trouble I recommend a plastic prying tool.

Step 2 — Removing the battery



- After the plastic back of the phone has been removed, we now get first glance of the battery.
- To remove the battery, use your finger nail or a plastic prying tool in the small slot at the bottom of the battery, indicated in the red marked area in the picture.
- The battery is a 3.8V Li-Ion battery, with a 2200mAh rate.

Step 3 — Identification



- Under the battery you can see the identification sticker, which shows the phone model, bands the phone can connect too and 2x IMEI.
- This phone has dual sims, which explains the 2x IMEI numbers. Please note I have censored the IMEI numbers in the picture for privacy reasons.

Step 4 — Remove Cards



- Remove both sims cards (middle & right) and micro SD card (left)

Step 5 — Unscrew Time



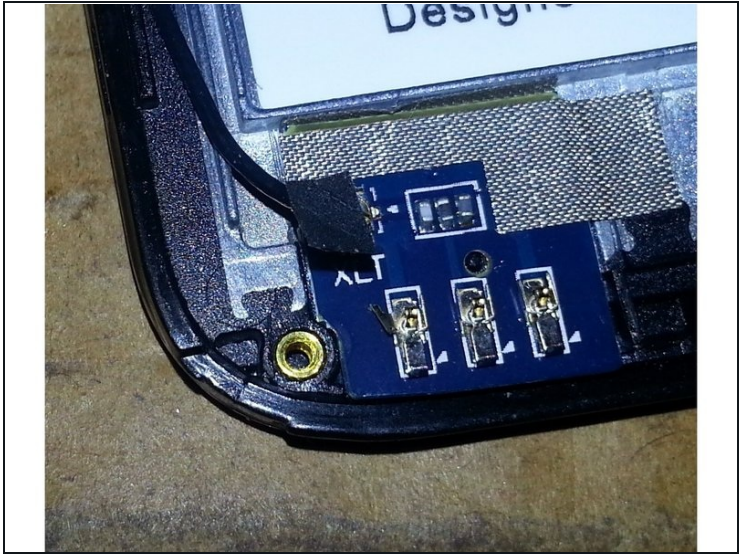
- Remove all 12 phillips head screws using a 1.8 x 40mm phillips head screw driver.
- The green indicated screw has a void sticker covering it. If you remove this sticker you will void your warranty, but here at Ifixit we laugh at warranties.

Step 6 — Time To Start Prying



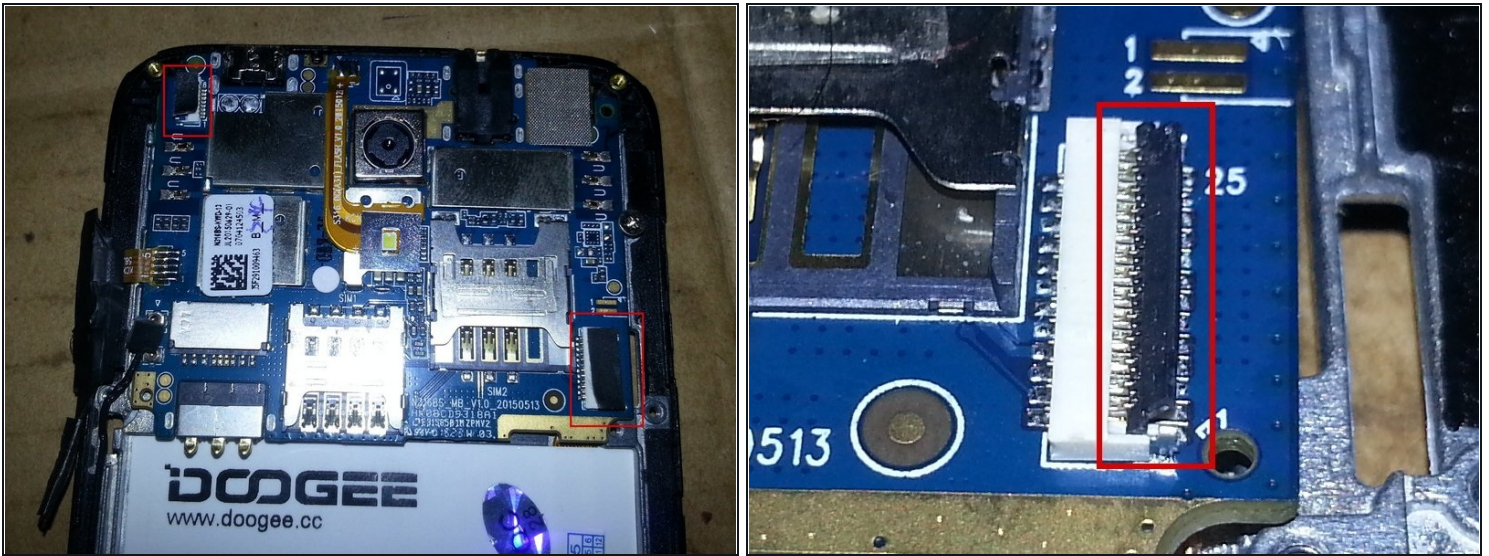
- Using a plastic prying tool to carefully separate the back plastic cover (first mid frame) from the second mid frame. I recommend starting at the bottom and slowly work your prying tool around from there.

Step 7 — Speaker & Antenna Cable



- Once the first mid frame has been removed you will notice the speaker on the back of it, indicated in green in the picture.
- Next we will need to remove the antenna cable marked in red in the picture. Using a pair of [tweezers](#) carefully lift the cable of the connector. There might be tape holding it there. Remove this as well.
- Do the same for the other end of the antenna cable.

Step 8 — There You Are Mr Main Board



- We now turn our attention to the main board. We need disconnect 2 cables marked in red on the picture.
- Most likely there will be tape covering the connectors. Remove this with a pair of tweezers.
- We now can see the connector. Using a pair of tweezers to lift the little arm that holds the cable into the connector. I have marked the arm in red in the close up photo. Please be careful with your tweezers as the arm of the connector is very fragile.
- Using your tweezers again (very useful tool) carefully pull the cable out of the connector.
- Now repeat this step for the other connector which is the same.

Step 9 — Volume and Power Button



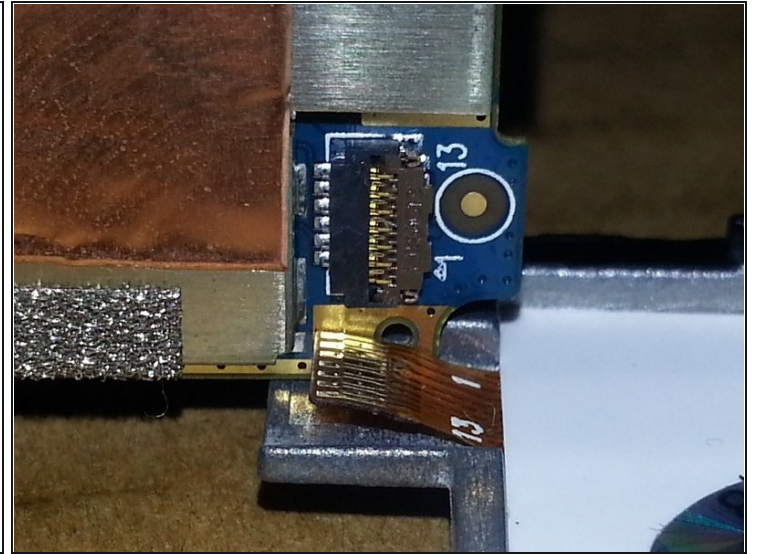
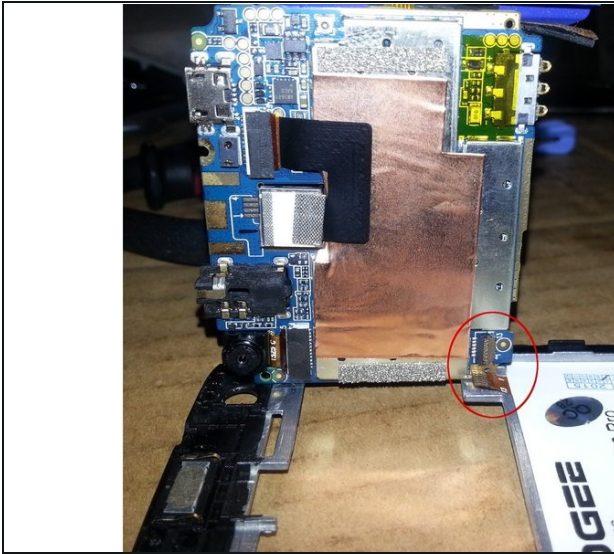
- We will now need to remove the power and volume PCB.
- Using the tab marked in red in the picture, pull the volume and power PCB with tweezers away from the plastic mid frame. Please be very careful as the PCB is very fragile.

Step 10 — Removing The Main Board Part 1



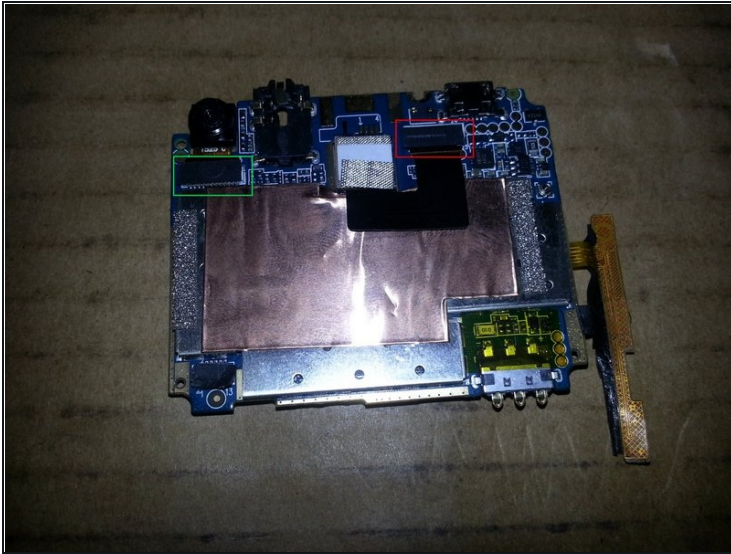
- The main board is held in by one pillips head 1.8 x 40mm screw. I have marked this screw in red on the picture.

Step 11 — Removing The Main Board Part 2



- Do not try to remove the main board just yet, because there is still another cable attached underneath.
- Slowly lift the main board from the top of the phone and pivot it up. You should now see the connector. This connector is the same as the other two on top of the main board. Disconnect the connector the same way as you did before.

Step 12 — Rear, Front Facing Camers & Ear Receiver



- If you need to replace neither the rear or front facing camera you can do this now.
- To remove the front facing camera disconnect the camera from the board (marked in green). The connector is the same as the other connects on the mainboard.
- To remove the rear facing camera disconnect the camera from the board (marked in red). The connector is the same as the other connects on the mainboard.
- You will find the ear receiver on the second mid frame. I have marked it in red.

Step 13 — Screen Removal



- We are now finally at the stage of removing the screen.
- Flip the mid frame back over so that you are now looking at the front of the phone again. We will now need to use a hair dryer or heat gun to heat up the edges of the phone to loosen the glue that is holding in the screen and front buttons, to the mid frame
- Once the glue has heated up enough you should be able to get a plastic prying tool between the glass screen and the plastic mid frame.
- Slowly and carefully move your prying tool around the phone until the screen has been released from the mid frame. I found that the glue that holds the screen to the mid frame is not too strong, which is good.

Step 14 — Done



- You should now be about to replace the screen with another one. The glass + Screen + Digitiser are all fused together. This means all three parts will need to be replaced if one of them fails. This is becoming the norm with most mobile today.

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