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Repair Guide

Volla Phone Plinius Volla Phone Plinius Plus





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History

Version	Changes	Date
V 1.0	New document	March 14, 2026



2. General Information

Read the entire repair manual first.

If you have any concerns regarding the skills required to perform the repairs described in this manual, you should not proceed.

2.1. Safety Instructions/Warnings

Volla Systeme is not liable for any damage or defect resulting from a repair attempt by an unauthorized service provider, a do-it-yourself repair or an unprofessional repair.

Likewise, Volla Systeme is not liable for any resulting damage, injury, or other safety issues caused by the device as a result of repair attempts that do not comply with these repair instructions.

Damage to the device or defects caused by an attempt to repair the device by anyone other than a Volla Systeme-certified partner are not covered by the warranty.

- Always use only genuine Volla replacement parts. Spare parts from third-party suppliers may not function correctly and may, under certain circumstances, lead to property damage and/or personal injury.
- The device's water and dust resistance cannot be guaranteed if it has been repaired by a user or another unqualified person.
- Turn off the device before beginning repairs and, if possible, remove all batteries and rechargeable batteries.
- Many components in electronic devices are particularly sensitive to static discharge and can therefore be easily damaged. Therefore, ensure that static charge in the work environment is dissipated before opening packaging with ESD protection or beginning to disassemble the device.
- Make sure that no loose parts, screws, or foreign objects are inside the device when reassembling it.

3. Tools/Materials

All tools are available at specialty retailers.

Many of the illustrations were used with the kind permission of the website <https://www.ifixit.com/>, where the tools can also be purchased

Antistatic wrist strap



Antistatic work mat



Tweezers, ESD-protected



Opening tool



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PH00 Phillips screwdriver



Spudger



4. Repair

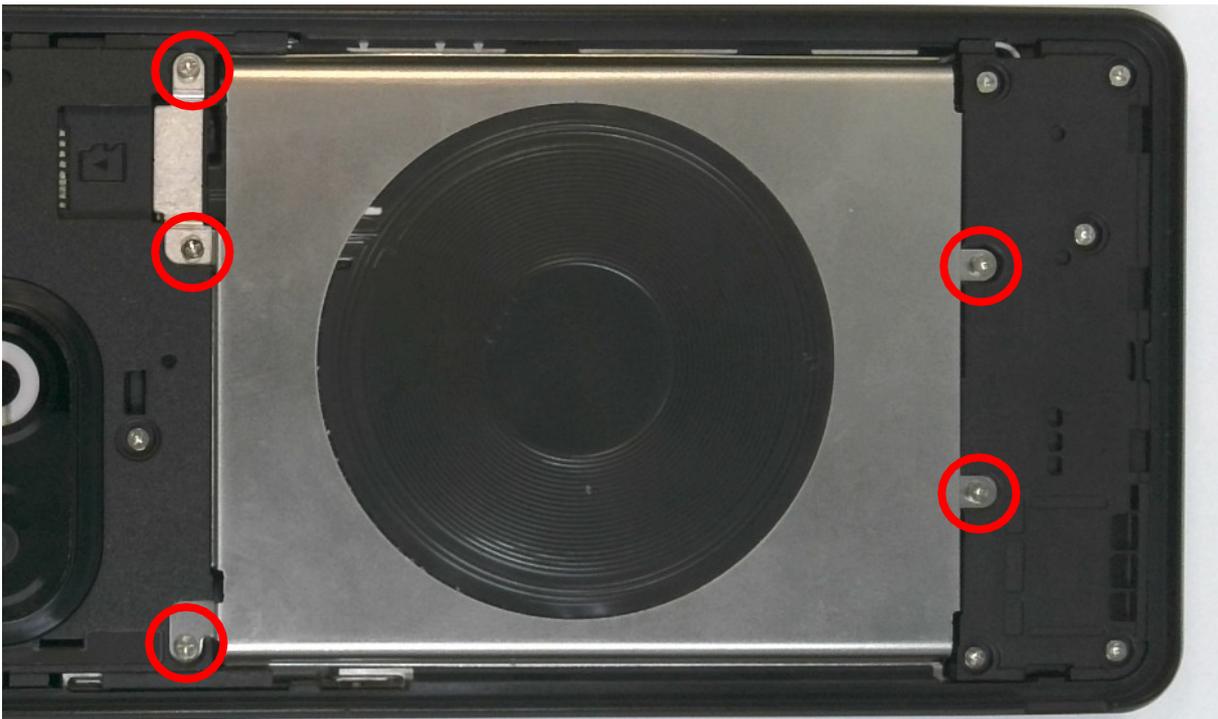
4.1. Removing the battery



Remove the back cover from the device.

To make it easier to open, there is a small notch in the lower right corner.

Next, remove the SD card, if present. Remove all marked screws.



Use tweezers to remove the battery contact cover. Now use the spudger to disconnect the connection.

You can now completely remove the battery from the device.



When reinserting the battery, make sure the contacts are properly connected to the device!

4.2. Removing the Speaker Box

First, follow step 4.1 (Removing the battery). Remove all marked screws.

The speaker box can now be removed.

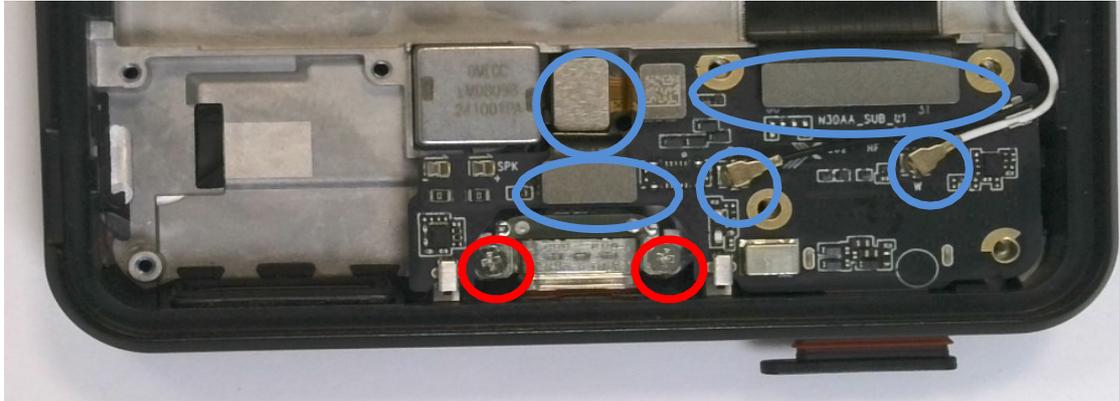


4.3. Replacing the USB port

First, follow steps 4.1 (Removing the battery) and 4.2 (Removing the speaker box).

Remove the SIM card slot.

Open the connections marked in blue and remove the two screws marked in red.



The auxiliary board can be removed to access the USB port.

During installation, ensure that the connections are properly seated and that the two antenna cables are correctly positioned.

4.4. Replacing the main microphone

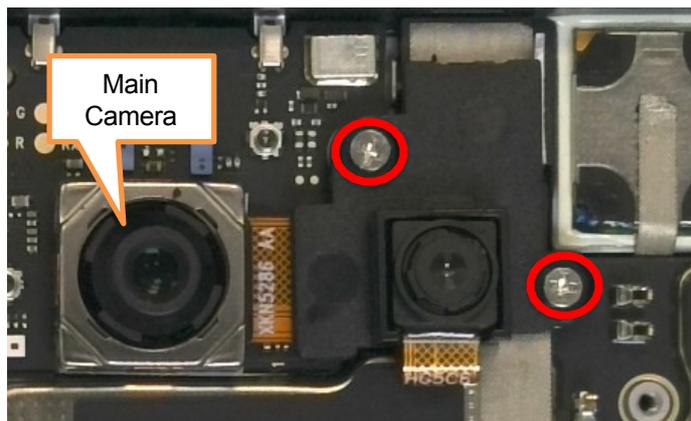
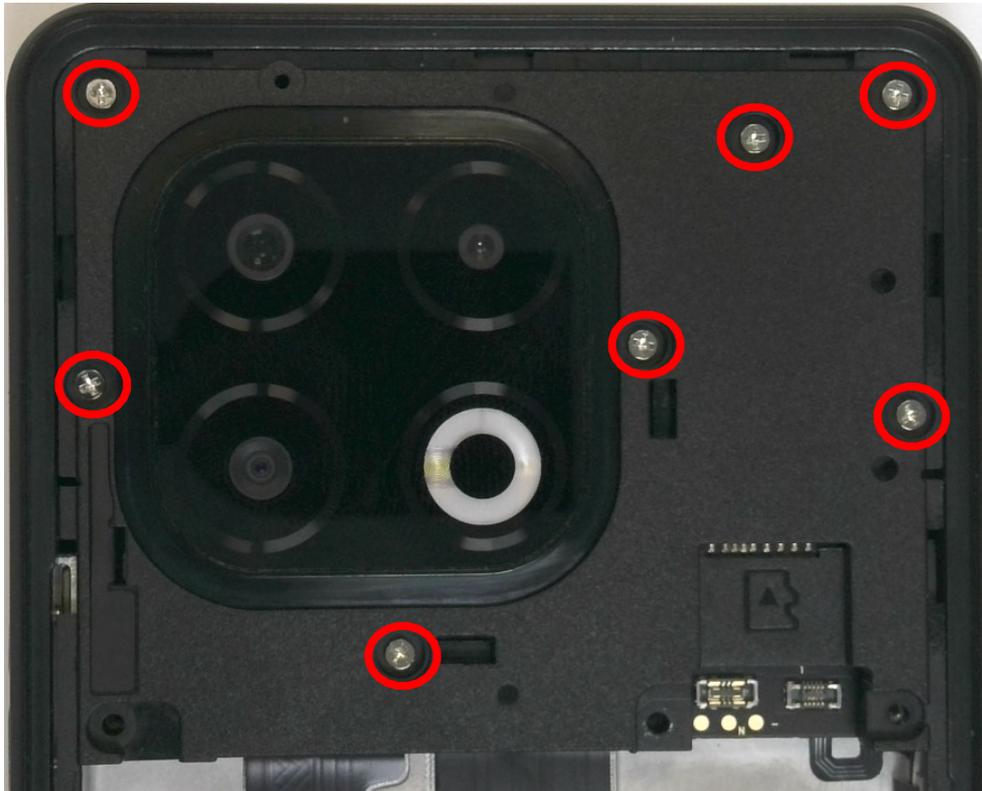
The main microphone is part of the auxiliary circuit board.

Therefore, proceed as described in 4.3 to replace it. The screw connection of the USB port does not need to be loosened.

4.5. Replacing the main camera

First, follow step 4.1 (Removing the battery).

Remove all marked screws to remove the cover.

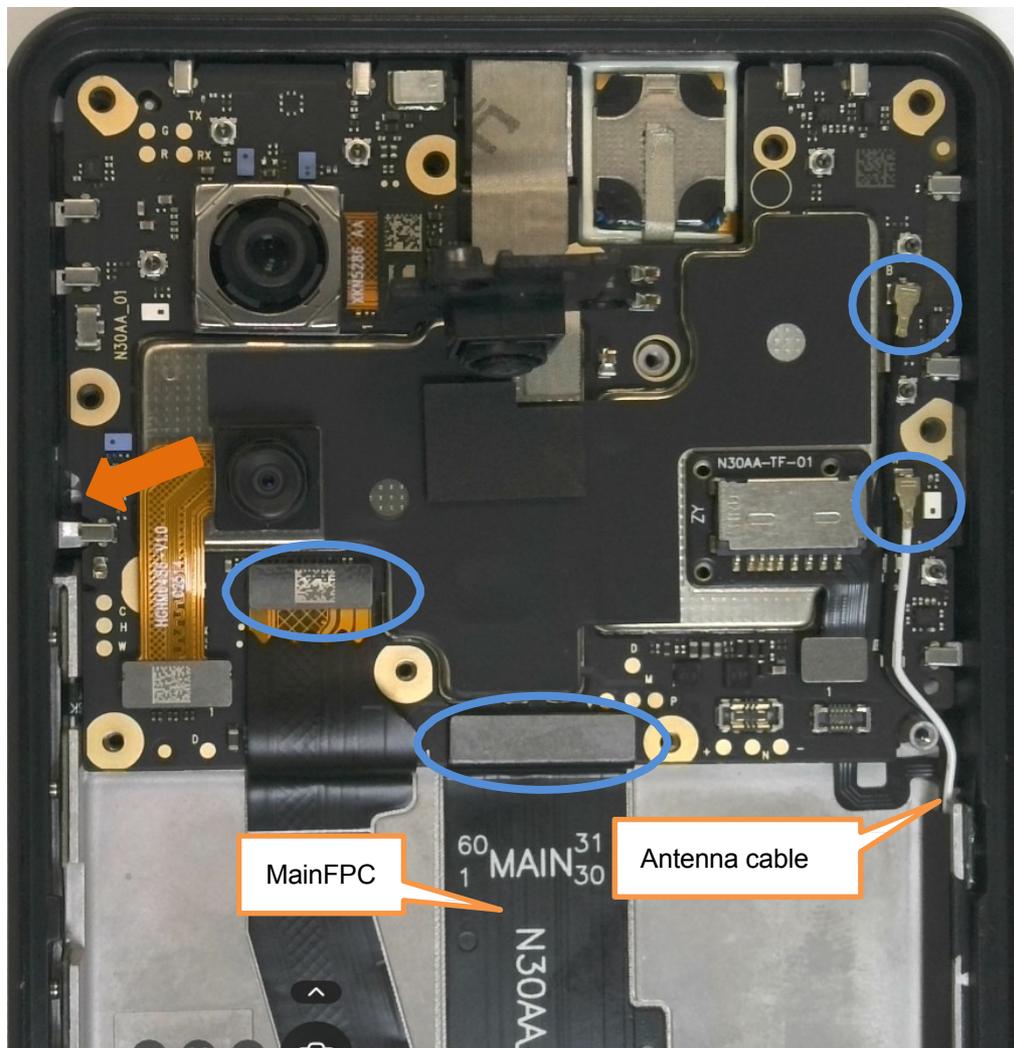


Remove the two marked screws to replace the main camera.

4.6. Replacing the Display Module

First, follow these steps

- 4.1 Removing the Battery
- 4.2 Removing the Speaker Box
- 4.3 Replacing the USB port
- 4.5 Replacing the main camera



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Open the connections marked in blue.

Remove the black protective film from the antenna cables. This will be reused after the repair.

Now the main FPC and the antenna cables can be removed from the device.

Using the spudger, the main board can be removed from the housing at the point marked with an arrow.