

City Lion external (additional) battery for Ninebot G30 Max scooter -
installation instructions.

**!! Before you start, make sure that the
battery in your scooter is fully charged (~41,5V) !!**

Software Modification.

To successfully use the external battery, you will need to make a change to the scooter's software. Don't worry, this requires no extra knowledge and with the instructions included below it should not take more than 30 minutes. If you have any problems, feel free to contact us: info@citylion.pl

Important!

The guide has been updated for the latest driver software version, which prevents further modifications to the scooter software. Please follow the instructions below and your vehicle will properly go through the process of restoring to an older software version.

You will need an **Android** phone.

1. Download the software file and save it to your Android smartphone.

Software

Click to download or copy the link below

- Ninebot G30 Max: [Click to download](#)

<https://citylion.pl/soft/ninebot.zip>



2. Download the newest "ScooterHacking Utility" app from the ScooterHacking website:

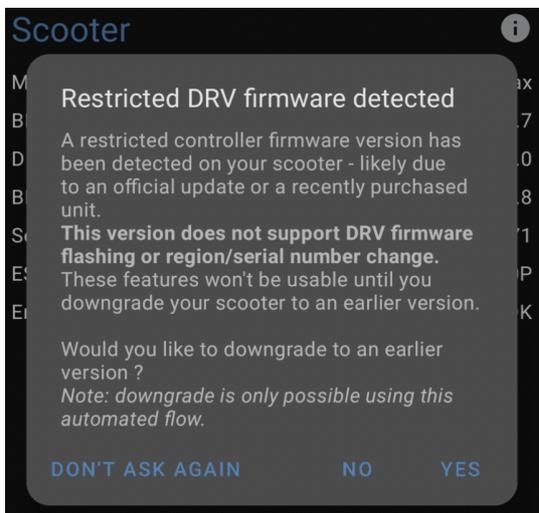
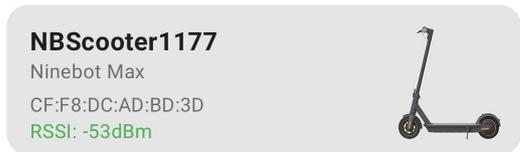
<https://utility.cfw.sh/get-latest.php?dl=apk>

If you are having trouble installing apps from outside the Play Store, please check out this guide:

<https://www.lifewire.com/install-apk-on-android-4177185>

Open the app when it is installed.

3. Open the app and connect to your scooter.



4. If the program shows a message (image opposite) about detecting a new software version, absolutely press "Yes" and follow the messages displayed on the screen.

If no such message appears, you can proceed to step 5.

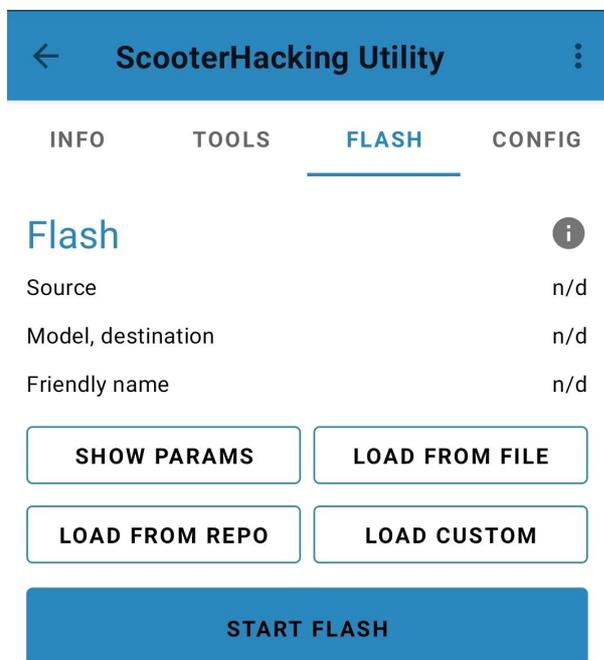
Once the process is complete, you can move on.

To avoid compatibility issues in the future, please refrain from using the manufacturer's official app!

Removing DRV firmware restrictions

The app will now proceed to rollback your scooter to an earlier version.

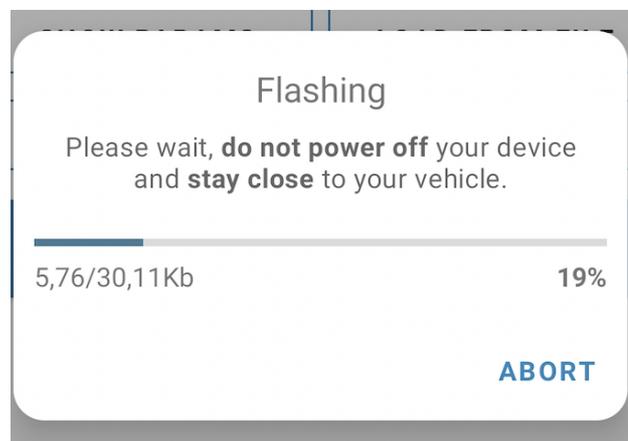
To avoid being restricted again by the manufacturer in the future, stop using the official app!



5. Click "LOAD FROM FILE" and select the previously downloaded file from your phone's memory.

6. Click "START FLASH."

7. After about 30 seconds, the application will finish uploading the modified software to the scooter.



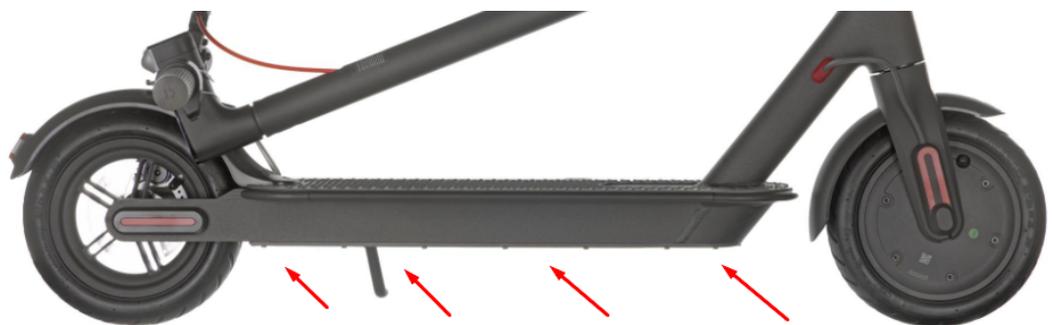
Once you have completed the above steps, you can move on to installing the external battery.

Battery assembly.

1. Remove the rubber grommet from the scooter frame. Rework the original grommet so that it can accommodate two wires (this can be done with a knife or scissors).



2. Unscrew the platform cover from the bottom of the scooter. You will need a TORX T15 security wrench (included).



3. Feed the cable coming from the bag through the hole marked in Photo 1 so that it comes out the bottom of the scooter. If necessary, **gently** remove the excess foam with a screwdriver or other long object. Don't worry - this is the only potentially troublesome point in the whole process. :)

4. Disconnect the red/black wire from the controller connector (indicated by the yellow arrow in the photo). Ninebot vehicles have XT-60 plugs; if they are not visible, you probably need to pull the wiring out from under the battery.



5. Connect the appropriate connectors:

5.1. Connect the red/black wire from the scooter (XT60 **female connector**) to the wire coming from the external battery (XT60 **male connector**).

5.2. Connect the other lead from the external battery (XT60 **female connector**) to the controller connector (XT60 **male connector**).

6. Screw on the platform cover.
7. Attach the bag to the platform of the scooter using Velcro and plastic handles (included).
8. Open the bag and connect the connectors that come inside.
9. Ready! The scooter is ready to use! :)



Proper installation of brackets.

ATTENTION!

The battery is an electrical device and is not waterproof! Any contact with water may result in permanent damage or danger as well as void the warranty!