



Manual: Replacing the Display — Ninebot ZT3 Pro

Tools and material needed

- PH1 star screwdriver.
 - Allen key 2.5.
 - Charger for the ZT3 Pro.
 - The customer's mobile phone with the Segway Mobility app installed.
 - Scooterhacking Utility beta app: <https://utility-beta.cfw.sh> (to reprogram SN).
 - Nuevo display original SKU:EWM952
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Summary of the procedure

1. Physically replace the display.
 2. Light; Error 35 will appear (new display has SN stock).
 3. Program the scooter's SN on the new display (it cannot be modified later).
 4. Remove beep by renaming Bluetooth; Force Deep Sleep before continuing.
 5. Connect charger to reactivate battery.
 6. Connect from the Segway Mobility app to activate the scooter.
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Step 1 — Physical Display Replacement

1. Turn off the scooter.

2. Remove the rubber cover from the handlebars: pay attention because there are two screws hidden under a rubber cap; Remove it carefully.



3. Loosen and remove the screws that hold the display in place.
4. Carefully disconnect the connectors without the cable.
5. Replace with the new display and firmly connect the connectors.
6. Replace screws and the rubber cap.

Attention: do not force the connectors; Check alignment and that there are no bent pins.

Step 2 — First Power On and Error 35

1. Turn on the scooter. When installing a new display, error 35 will appear: this occurs because the display stores a serial number (SN) and the new display comes with a generic stock SN.
2. Locate the SN of the scooter:
 - On the DGT approval plate of the scooter, or
 - In the customer's Segway Mobility app (application installed on their mobile), where the vehicle's SN appears.



VERY IMPORTANT: once the SN has been programmed into the display, it cannot be modified. Make sure you are using the correct SN on the scooter.

Step 3 — Program the SN (use Scooterhacking Utility beta)

1. Open the beta version of Scooterhacking Utility: <https://utility-beta.cfw.sh>.
 2. Connect your mobile phone to the scooter via Bluetooth (the tool will detect the unit).
 3. In the app go to: **TOOLS > CHANGE REGION > CUSTOM**.
 4. Enter the scooter's SN (as it appears on the license plate or in the Segway app).
 5. Apply the change. After this, error 35 will disappear.
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Step 4 — The Bluetooth Beep and Name

After reprogramming the SN, it is common for the scooter to beep. Before removing the beep and completing activation, it is necessary to force deep sleep to properly reset the Bluetooth/NV logic.

1. Use Scooterhacking Utility: **TOOLS > ENTER DEEP SLEEP** to force the scooter into *deep sleep*.
 2. Wait a few seconds after confirmation.
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Step 5 — Reactivate battery

1. Connect the charger to the scooter to reactivate the battery and get out of deep sleep.
2. Wait for the battery to reactivate (check with the display or LED indicators).

Step 6 — Final activation with the official app

- 1. Open the Segway Mobility app on the customer's mobile.**
 - 2. Connect to the scooter via Bluetooth.**
 - 3. Follow the activation process in the app; as the SN is already correct, the scooter should activate without error 35 and without beeps.**
 - 4. Verify operation: display, battery reading, throttle, brakes and speed.**
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Final checks and recommendations

- Check that the programmed SN exactly matches the SN on the badge and the app.**
- Check full operation: battery, throttle, regenerative braking (if applicable) and lights measurement.**