

# **CG Technology Official tutorial**

**Mercedes-Benz ELV Simulator Operating Instructions**

# ELV SIMULATOR

Can simulate the original car ELV pronunciation  
Strong compatibility, support all Mercedes-Benz cars with W204/W207/W212 ELV

It can be directly replaced in the original car ELV position, not exposed, no plug-ins, does not affect the appearance, and is more stable and safe



## Specifications

Size: 3.74\*2.55\*1.77in

weight: 110g

Color: black

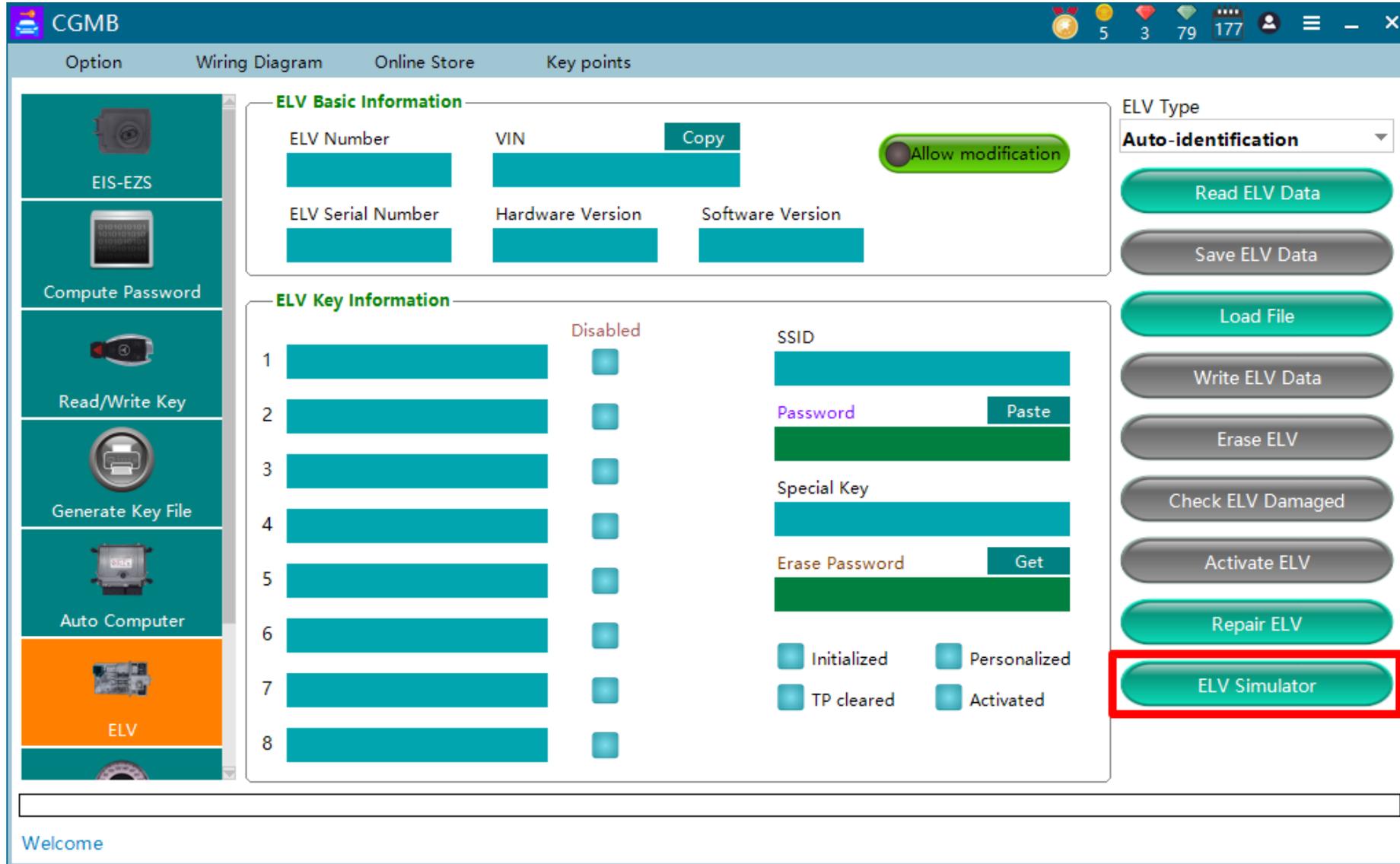


# —、 Arbitrary Erase

The Mercedes-Benz ELV simulator produced by CG Technology has convenient functions not available in other similar products. One-click matching and manual initialization, combined with the use of CGMB-Benz monster equipment, save time and effort, can be used multiple times, and fully adapt to the chassis W204, The W207 and W212 Mercedes-Benz cars can be directly replaced in the original car's directional lock position, without being exposed, not plugged in, without affecting aesthetics, and more stable and safe at the same time!

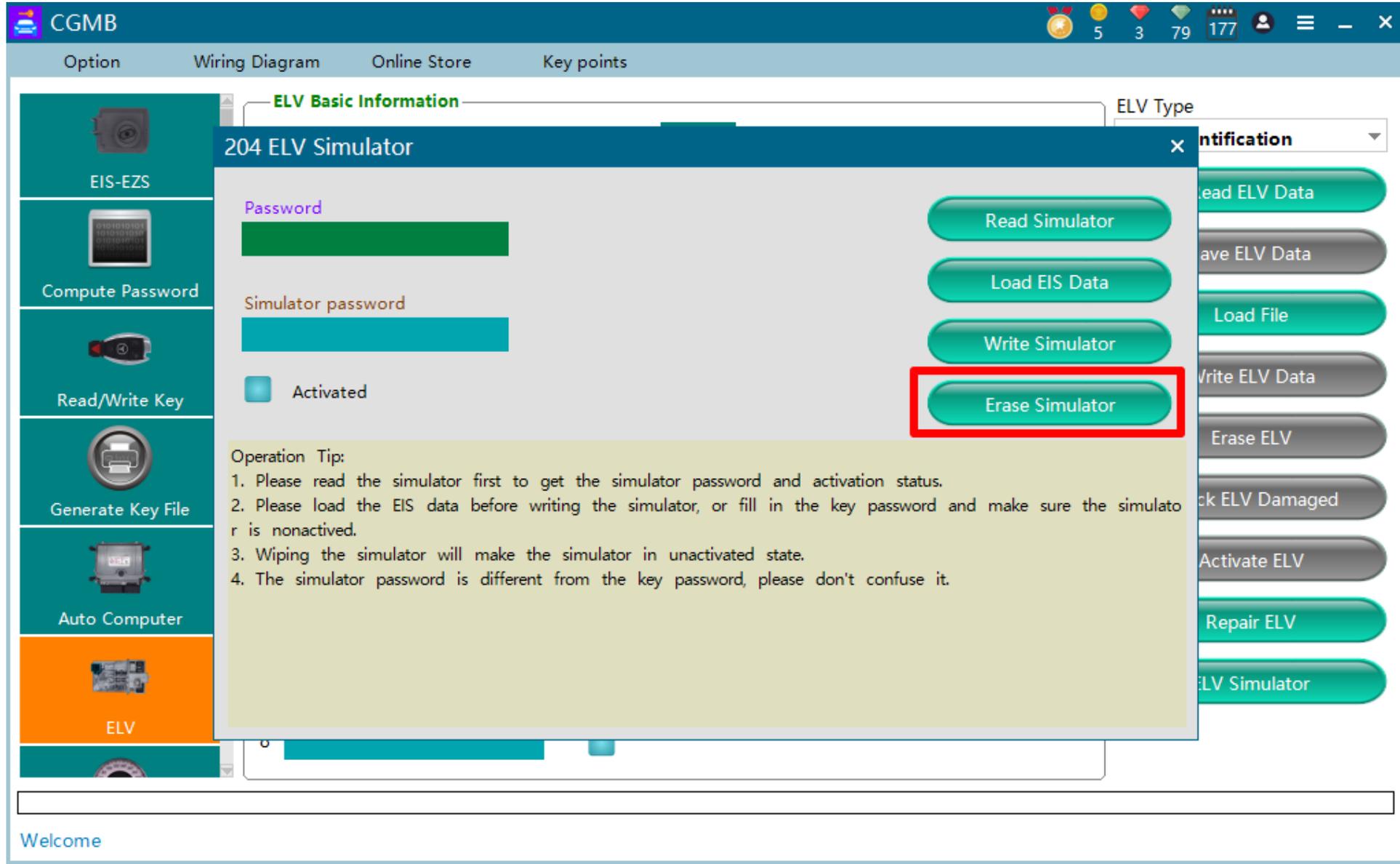
Wiping is divided into two methods. The premise is that communication is required. One is software operation and the other is manual operation. The different steps are different, but the results are the same.

# Method 1: Software Operation



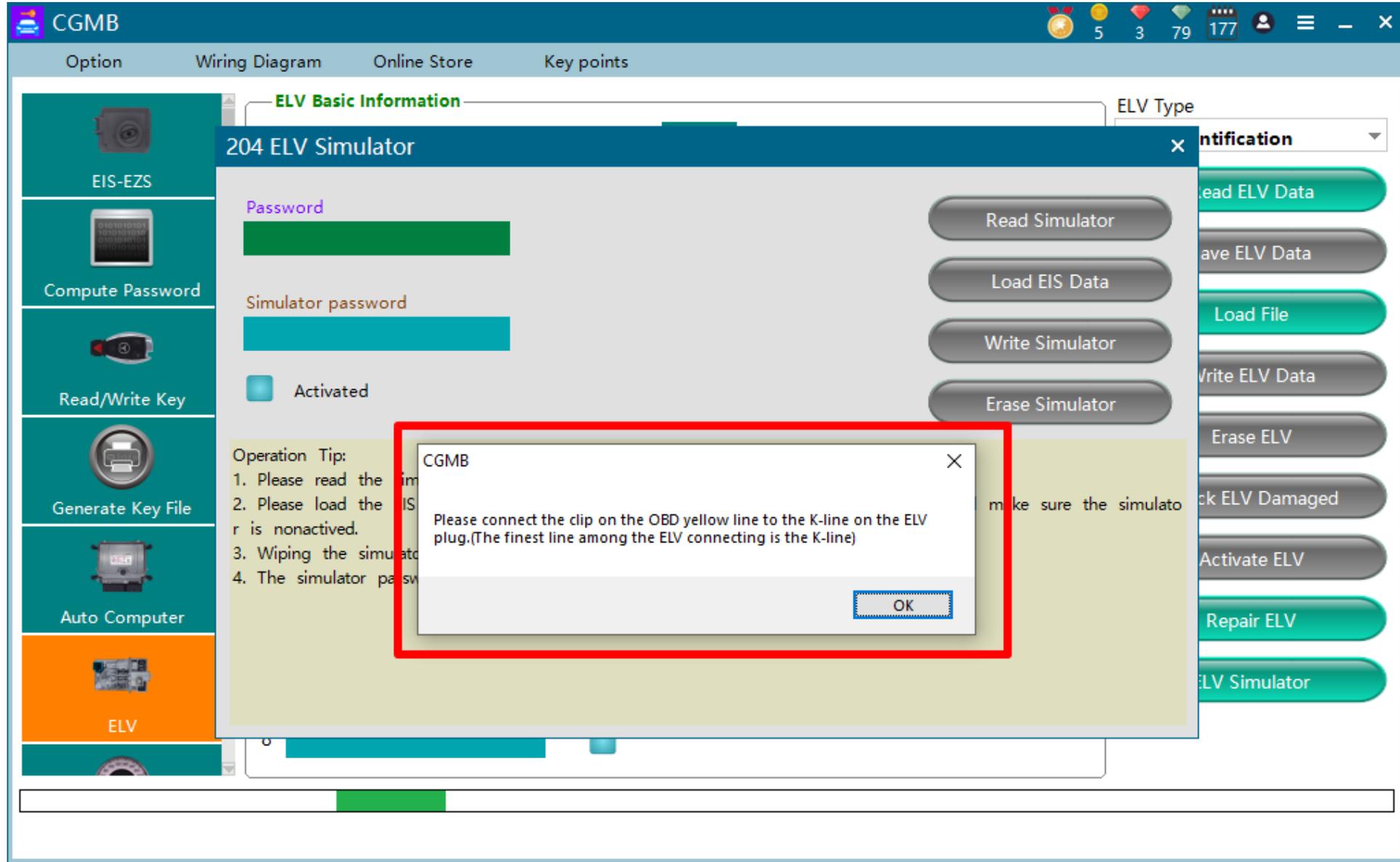
The first step is to connect the simulator, both the real car and the platform. As long as it can communicate, open the software and enter the "ELV-ELV Simulator" option

# Method 1: Software Operation



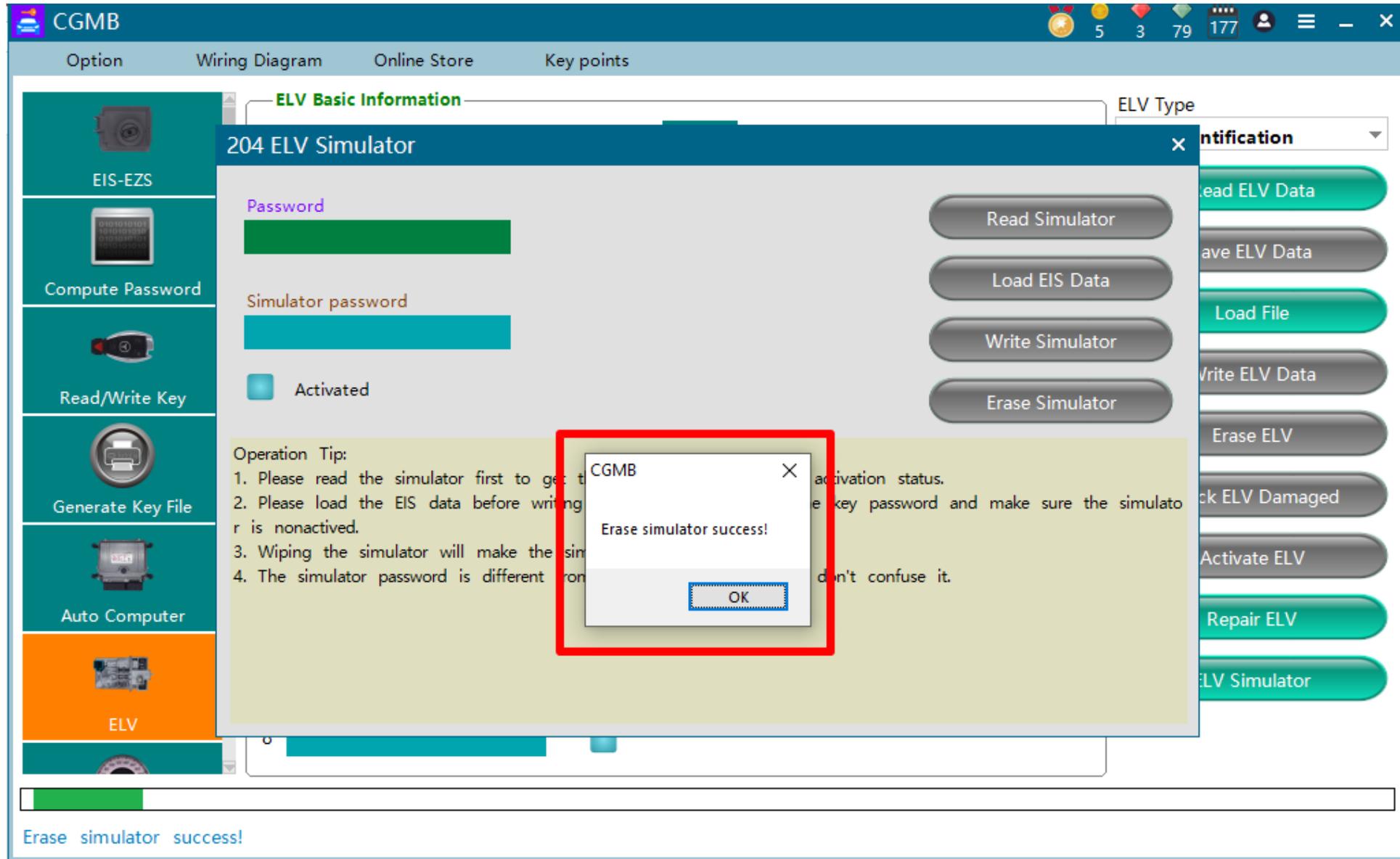
Second step, click on "Erase Simulator "

# Method 1: Software Operation



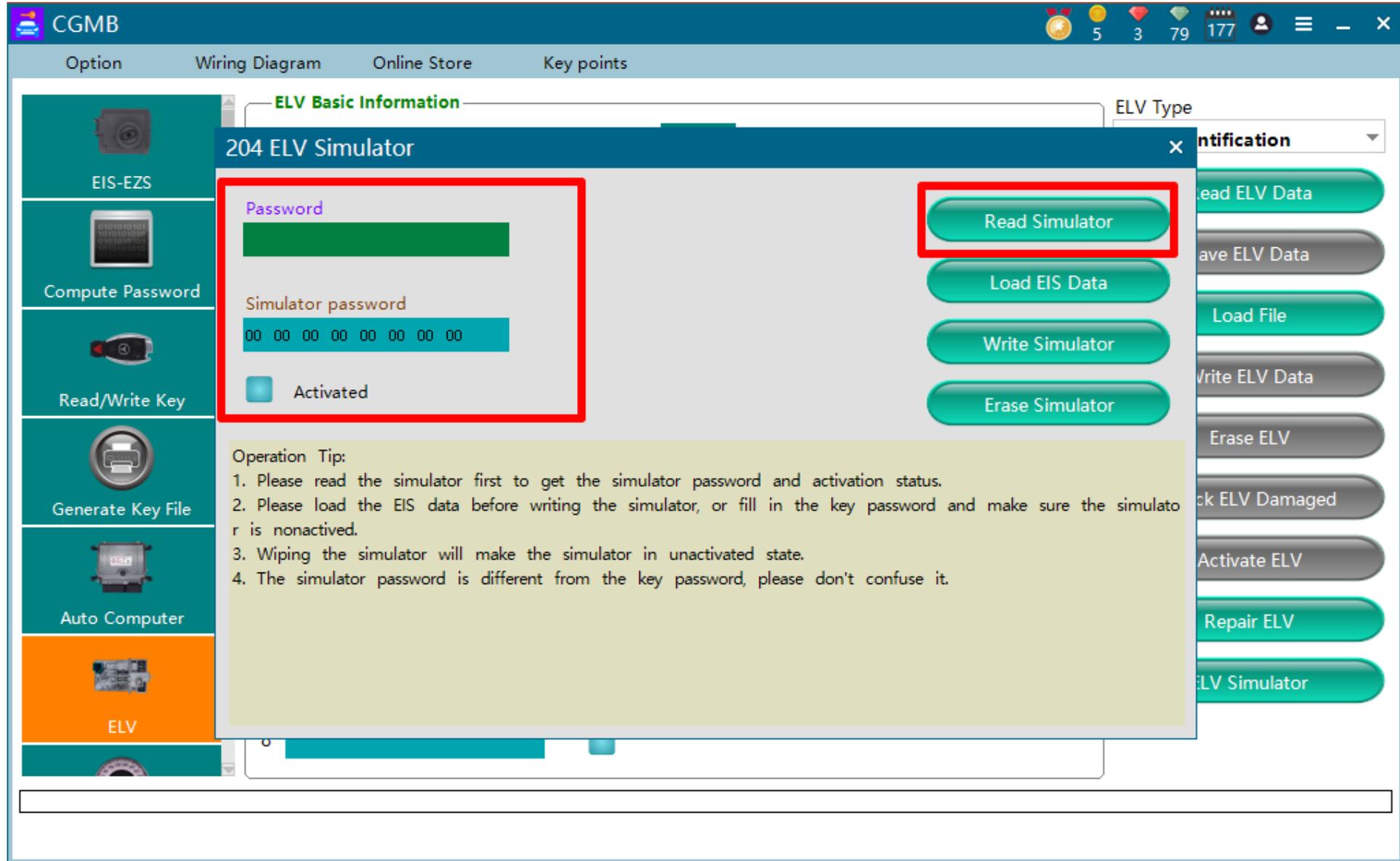
The third step is to clamp the yellow clip on the OBD line to the 3 pin position of the simulator

# Method 1: Software Operation



The fourth step is that the reset is successful

# Method 1: Software Operation



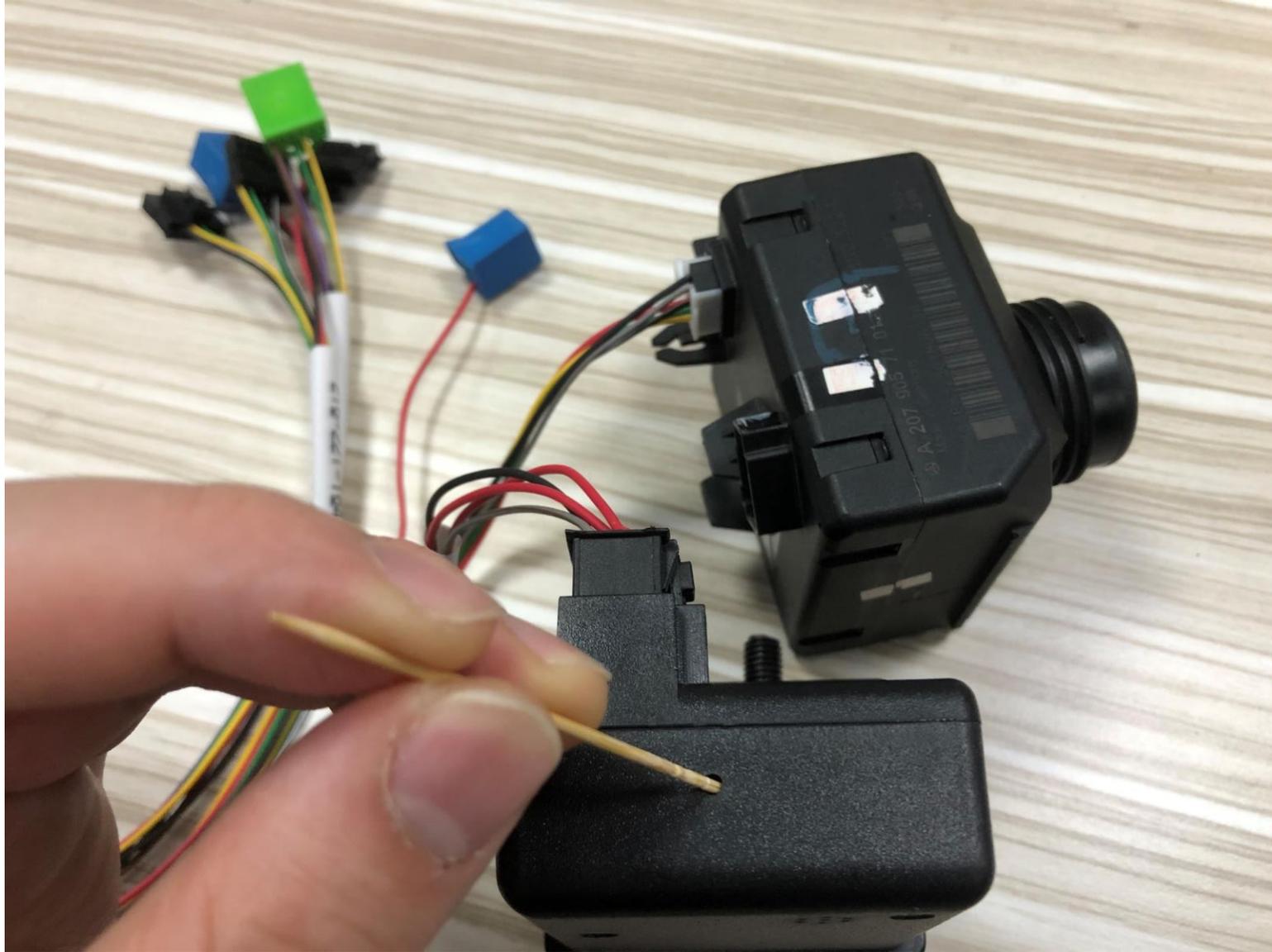
The fifth step, read the verification, the simulator password shows 0, has been activated without checking

## Method 2: Manual Operation



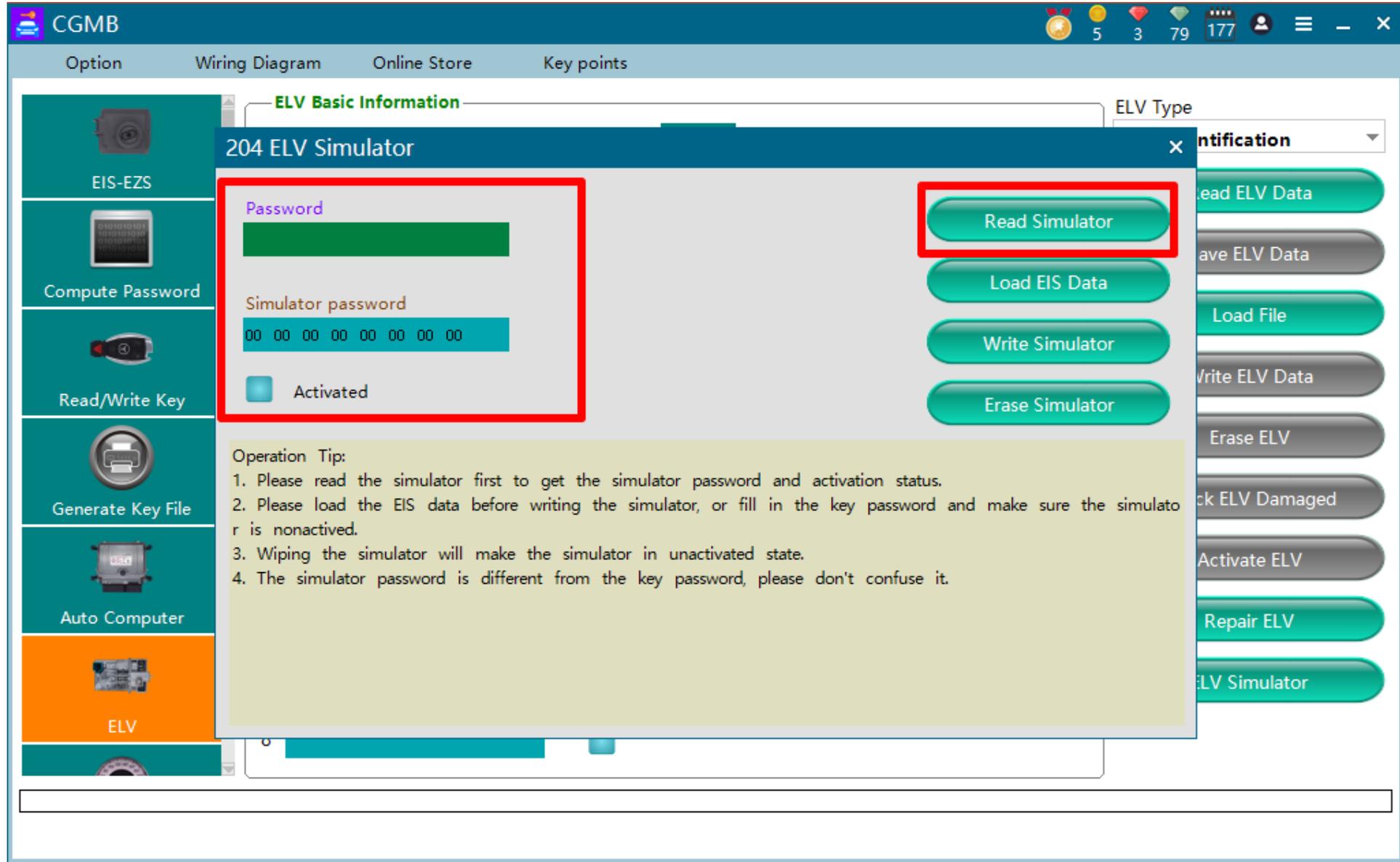
The first step is to prepare a toothpick or tweezers. Other thin objects can also be used.

## Method 2: Manual Operation



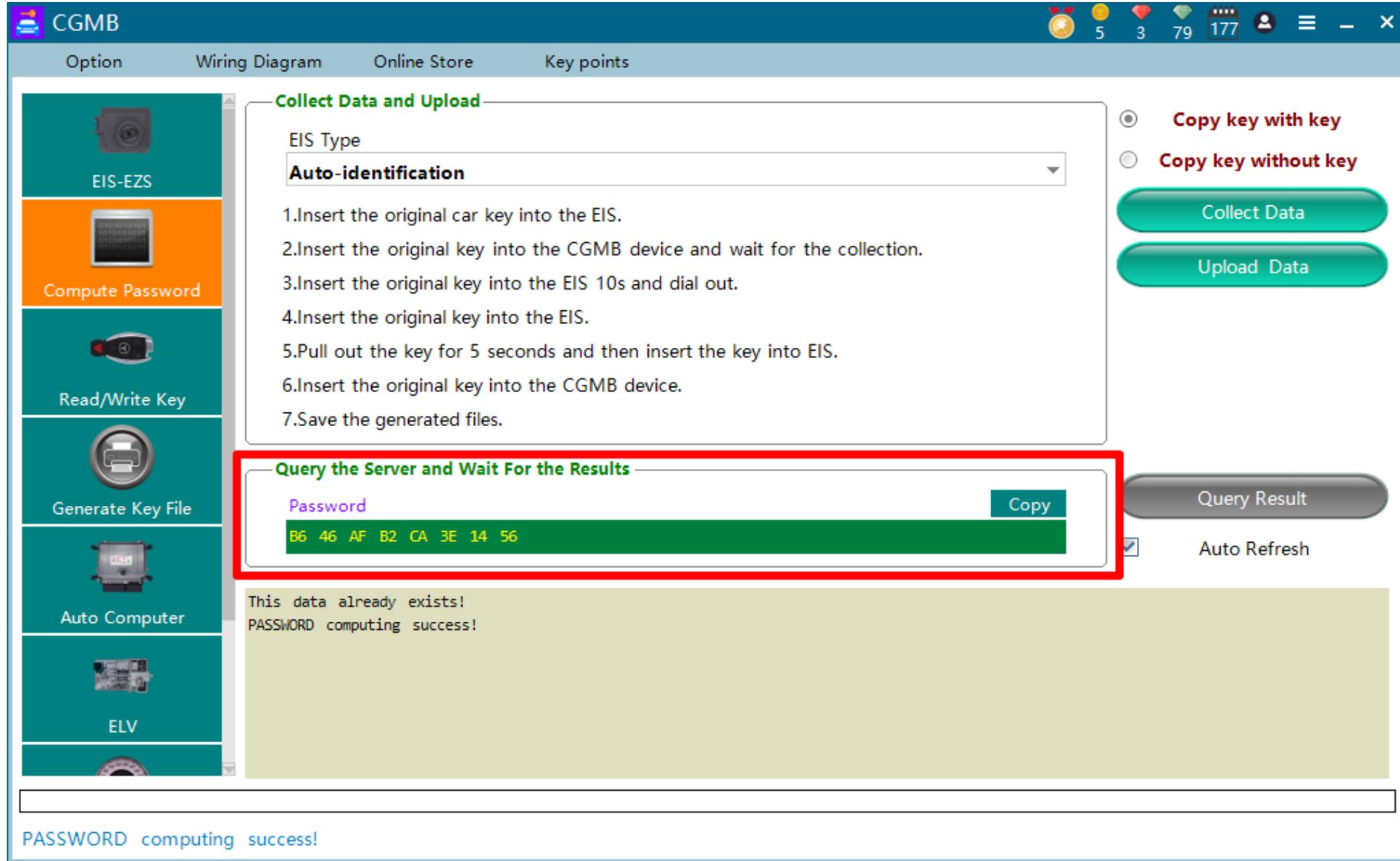
The second step is to connect the simulator, insert it into the reset hole of the simulator with a toothpick or tweezers, press it 5 times, you can hear a click, it means it has been wiped

# Method 2: Manual Operation



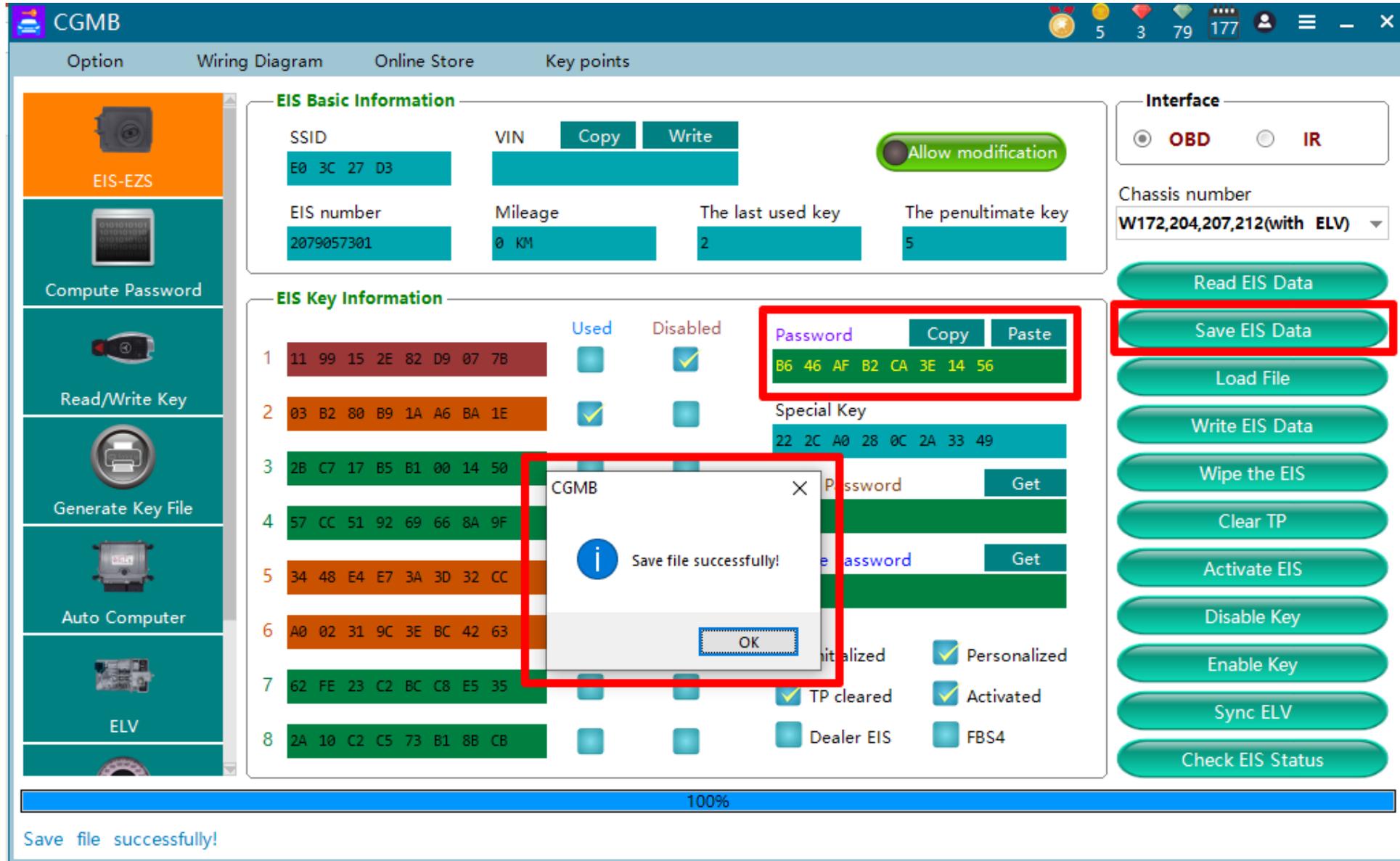
The third step, you can enter the software to read the verification, it has been activated without checking

## **二、 Replace The Original Car ELV**



The screenshot shows the CGMB software interface with a sidebar on the left containing menu items: EIS-EZS, Compute Password, Read/Write Key, Generate Key File, Auto Computer, and ELV. The main window has tabs for Option, Wiring Diagram, Online Store, and Key points. The 'Collect Data and Upload' section includes a dropdown for 'EIS Type' set to 'Auto-identification' and a list of seven steps: 1. Insert the original car key into the EIS. 2. Insert the original key into the CGMB device and wait for the collection. 3. Insert the original key into the EIS 10s and dial out. 4. Insert the original key into the EIS. 5. Pull out the key for 5 seconds and then insert the key into EIS. 6. Insert the original key into the CGMB device. 7. Save the generated files. To the right are radio buttons for 'Copy key with key' (selected) and 'Copy key without key', and buttons for 'Collect Data' and 'Upload Data'. The 'Query the Server and Wait For the Results' section, highlighted with a red box, shows a 'Password' field with the value 'B6 46 AF B2 CA 3E 14 56' and a 'Copy' button. Below this is a 'Query Result' button and a checked 'Auto Refresh' checkbox. A status bar at the bottom displays 'PASSWORD computing success!'.

The first step is to collect the Password of the vehicle. Both the real vehicle and the platform can be used.

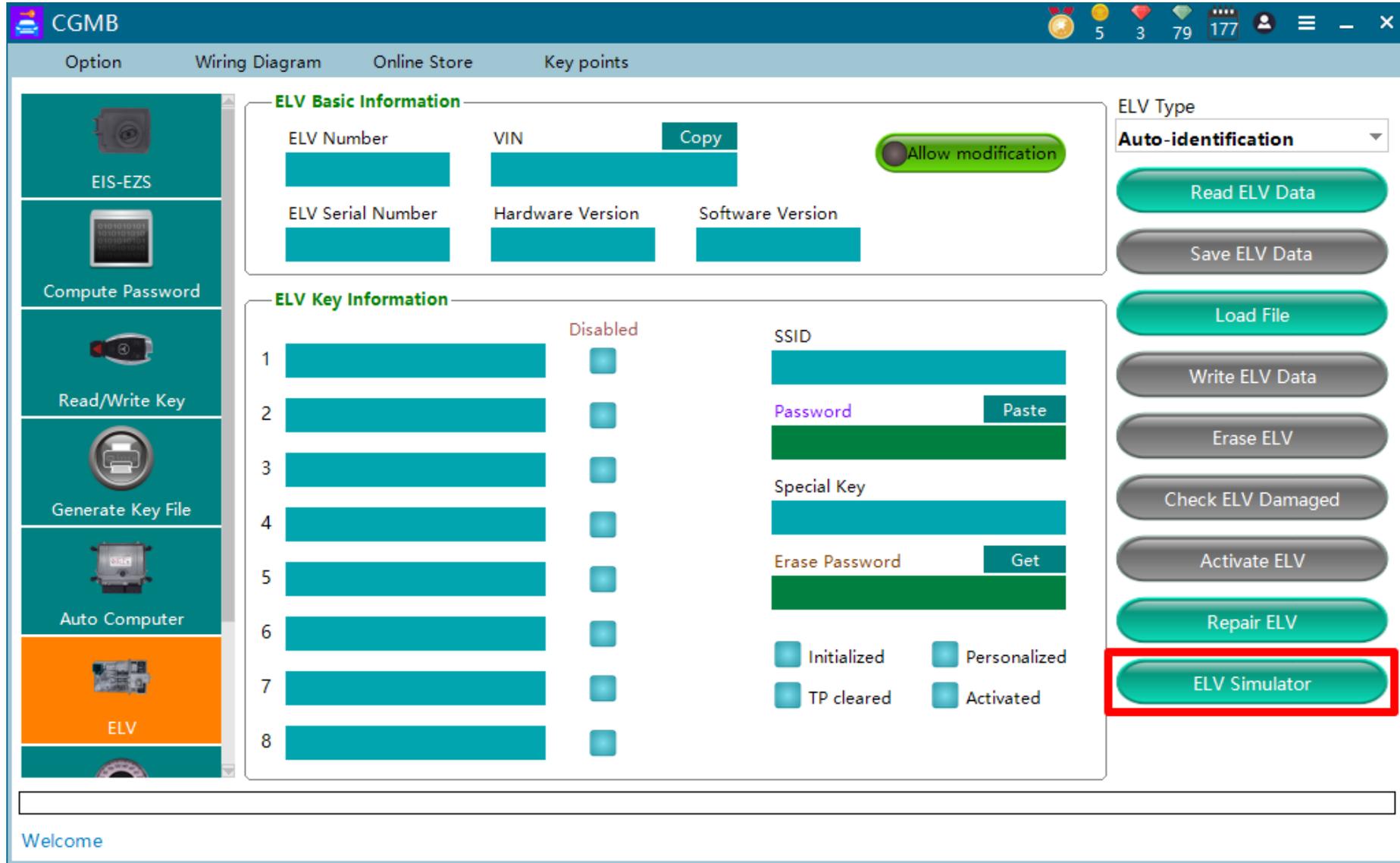


The screenshot displays the CGMB software interface. The top navigation bar includes 'Option', 'Wiring Diagram', 'Online Store', and 'Key points'. The main area is divided into several sections:

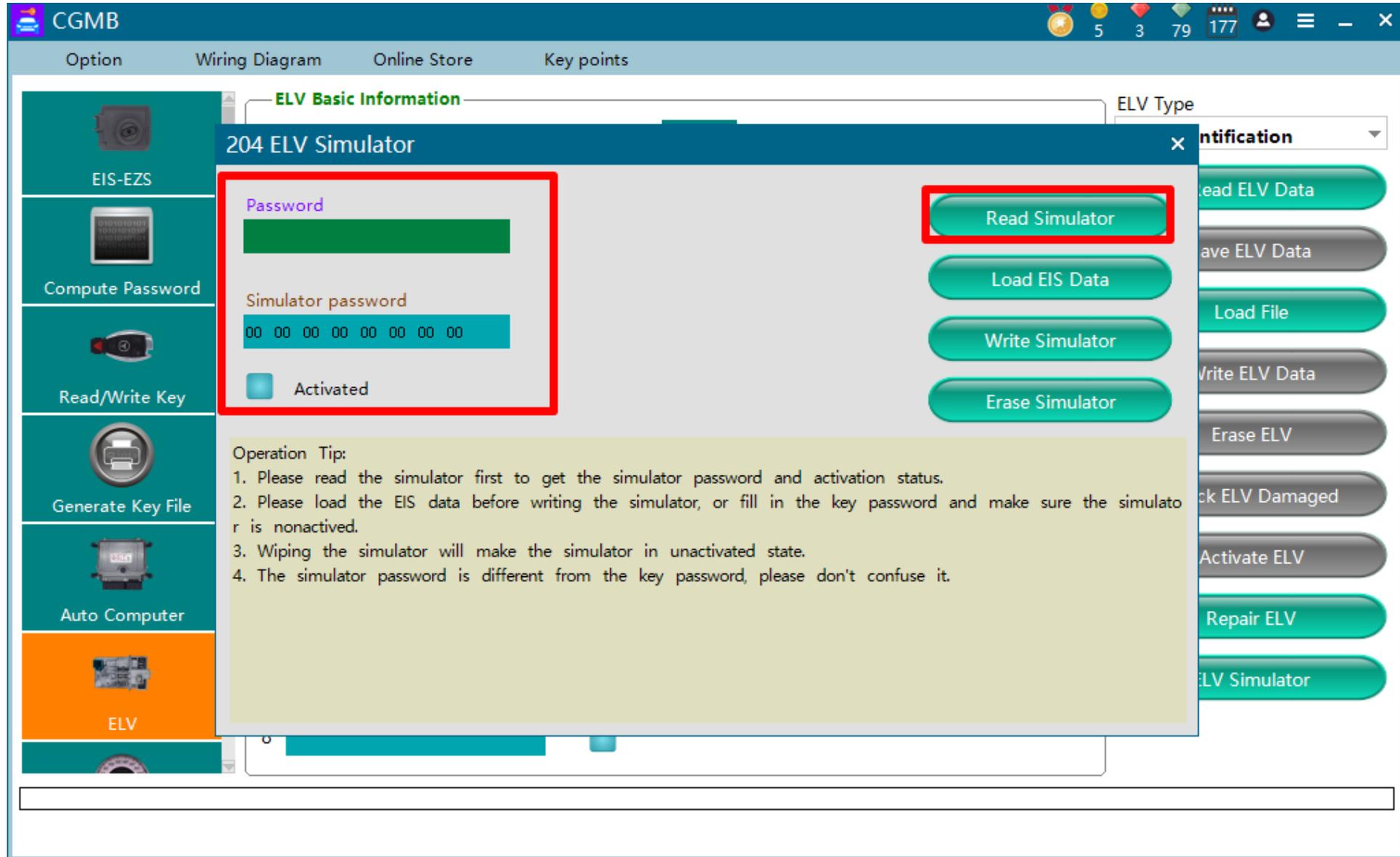
- EIS Basic Information:** Contains fields for SSID (E0 3C 27 D3), VIN, EIS number (2079057301), Mileage (0 KM), The last used key (2), and The penultimate key (5). There are 'Copy' and 'Write' buttons for VIN, and an 'Allow modification' toggle.
- EIS Key Information:** A table with 8 rows of key data. Each row includes a key ID, a hexadecimal key value, and checkboxes for 'Used' and 'Disabled'. A 'Password' field with 'Copy' and 'Paste' buttons is highlighted in red. The password value is 'B6 46 AF B2 CA 3E 14 56'.
- Interface:** Includes radio buttons for 'OBD' and 'IR', a 'Chassis number' dropdown menu (W172,204,207,212(with ELV)), and a vertical stack of buttons: 'Read EIS Data', 'Save EIS Data' (highlighted in red), 'Load File', 'Write EIS Data', 'Wipe the EIS', 'Clear TP', 'Activate EIS', 'Disable Key', 'Enable Key', 'Sync ELV', and 'Check EIS Status'.

A dialog box titled 'CGMB' is open in the center, displaying the message 'Save file successfully!' and an 'OK' button. The status bar at the bottom shows '100%' and 'Save file successfully!'.

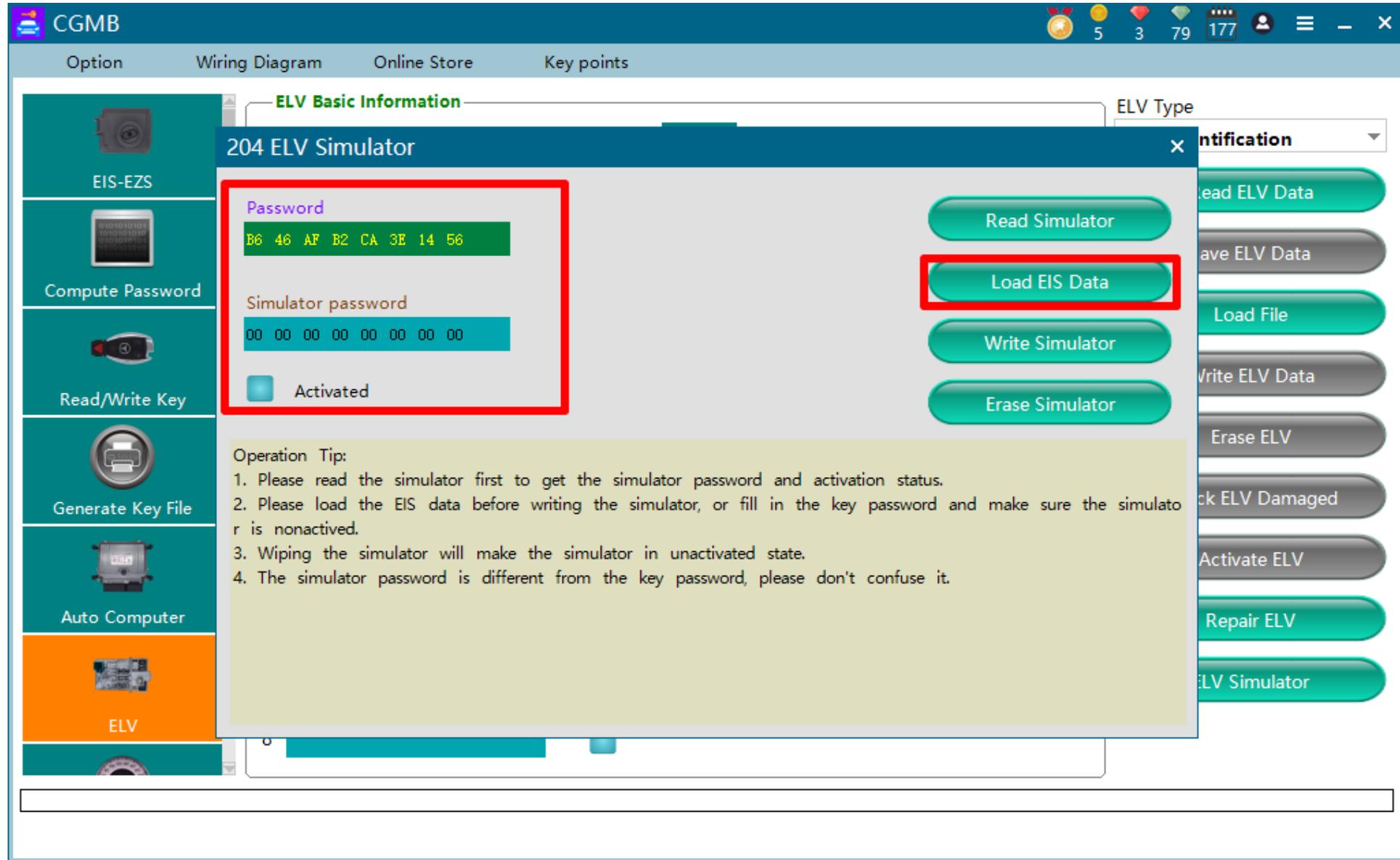
The second step is to save the lock data with the Password



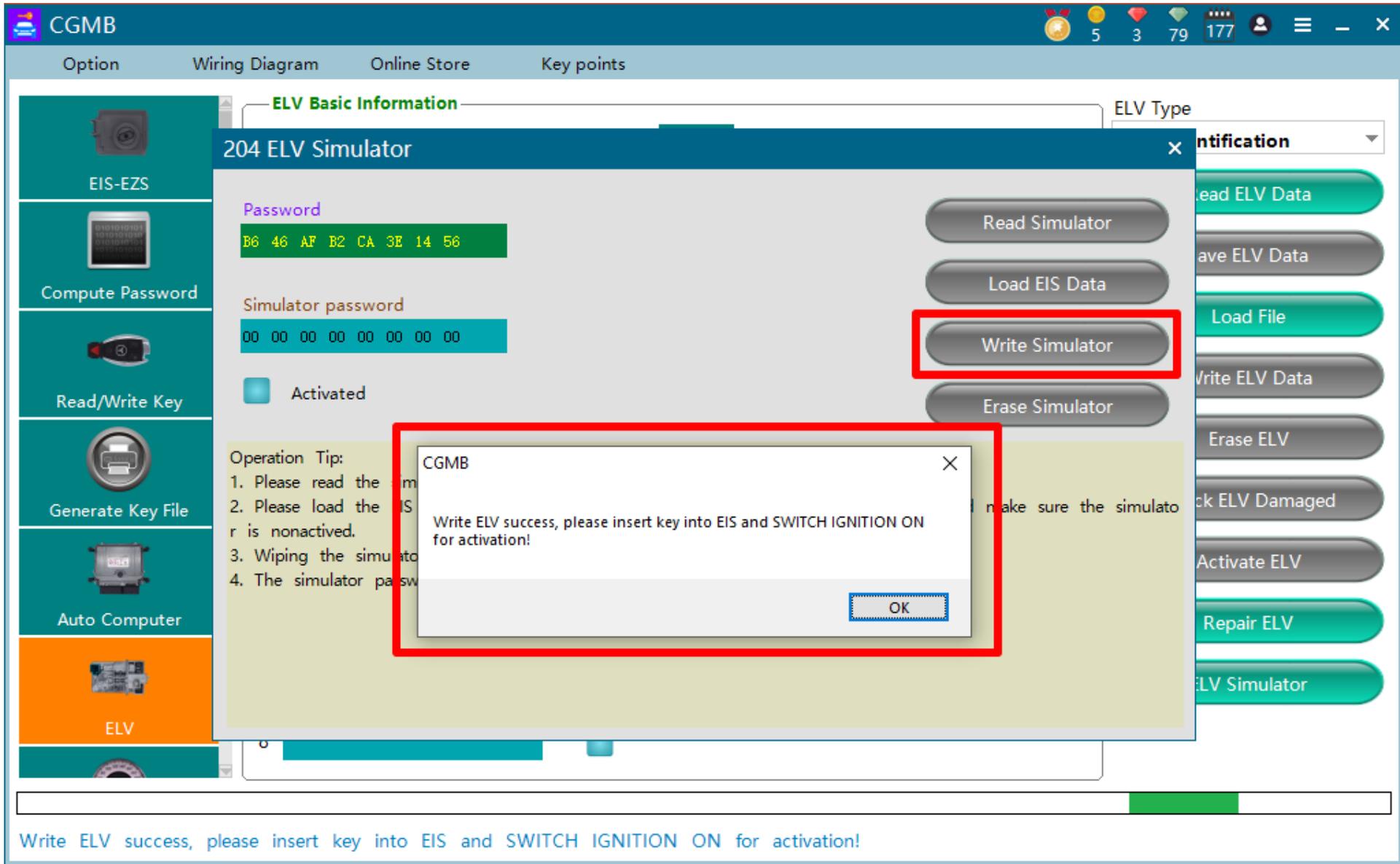
The third step is to connect the simulator, as long as it can communicate, open the software and enter the "ELV-ELV Simulator" option



The fourth step is to read the simulator to ensure that the simulator is inactive. If it is activated, please wipe it first.



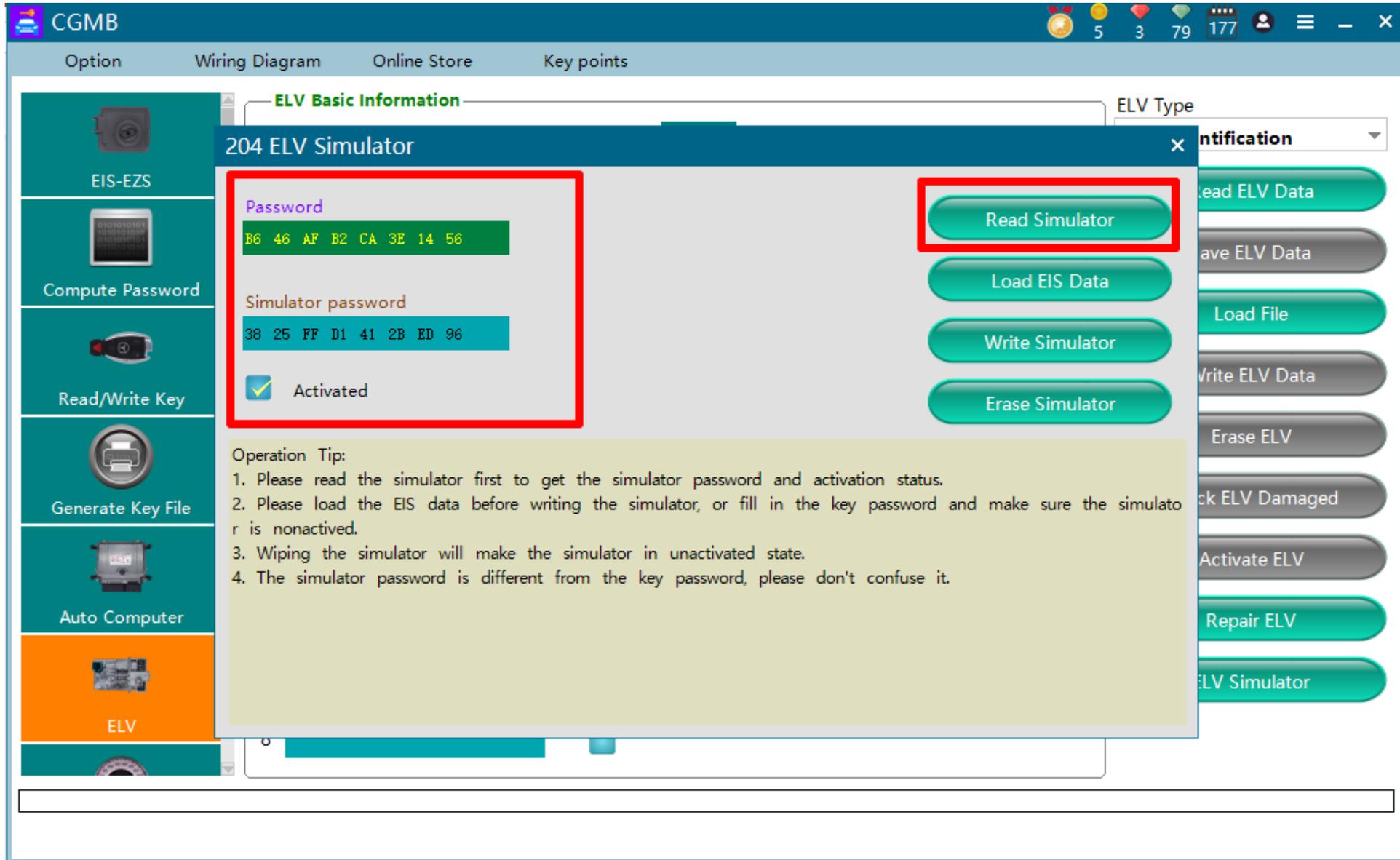
The fifth step is to load the lock data with the key password just saved



The sixth step is to write the simulator. The prompt is successful. Please insert the key into the lock and turn on the ignition to activate it.



Step 7. Verify that the meter and vehicle can be turned on



The eighth step, you can perform secondary verification, read the activated simulator to see if it is activated



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