



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



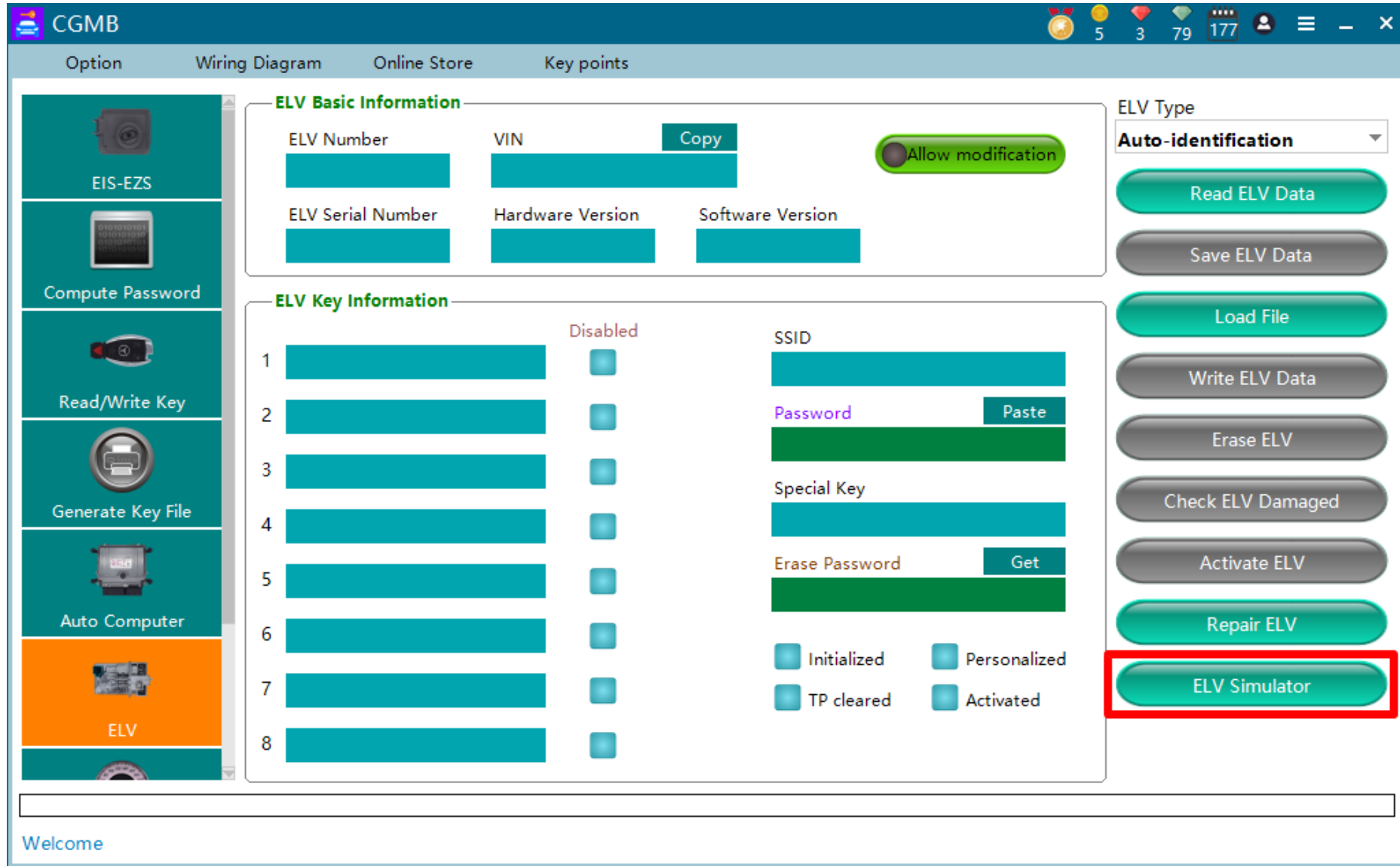
—、 Arbitrary Erase



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

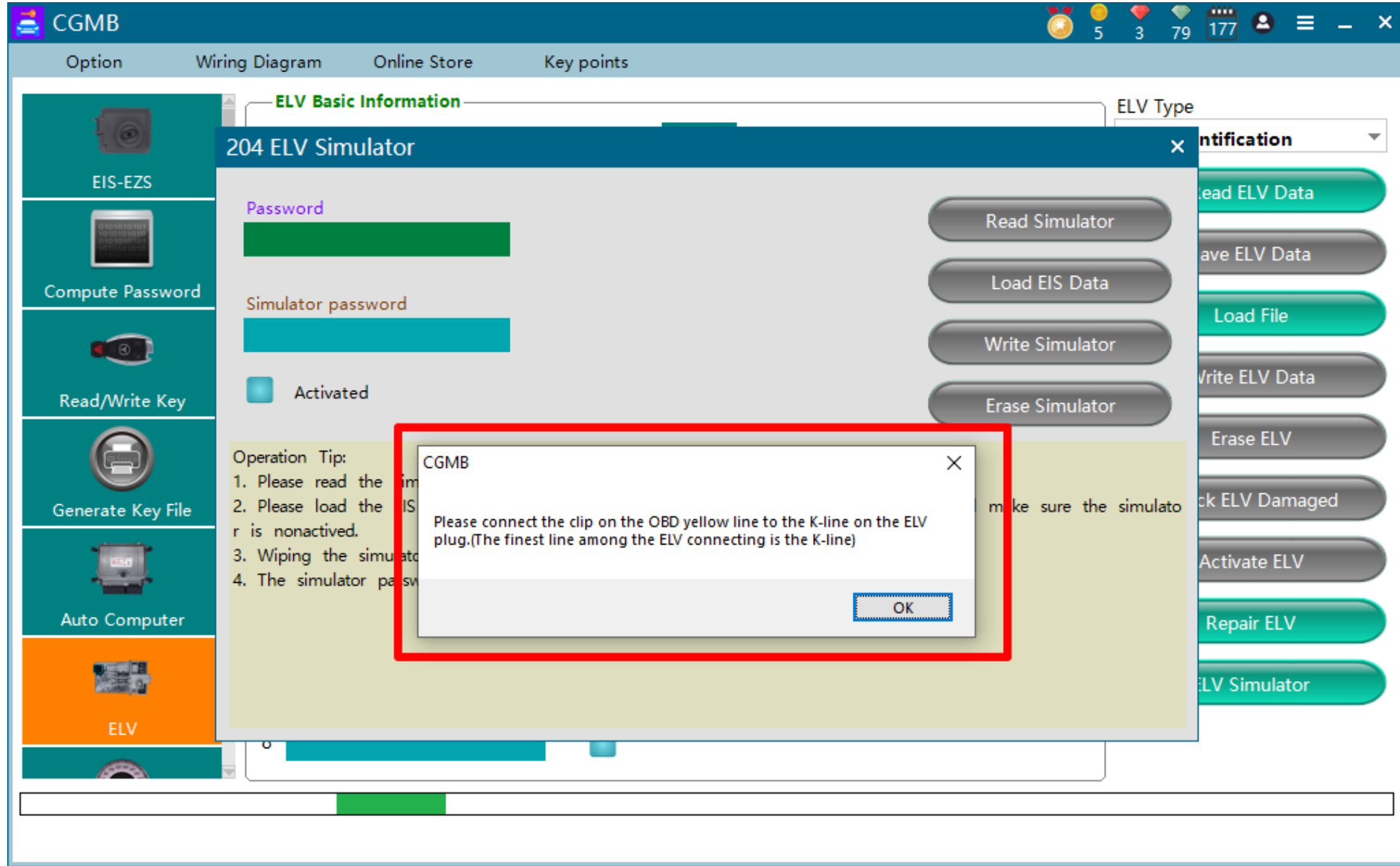
Method 1: Software Operation



The screenshot shows the CGMB software interface. The main window has a menu bar with 'Option', 'Wiring Diagram', 'Online Store', and 'Key points'. The left sidebar contains several icons and labels: 'EIS-EZS', 'Compute Password', 'Read/Write Key', 'Generate Key File', 'Auto Computer', and 'ELV'. The 'ELV' icon is highlighted in orange. The main area displays 'ELV Basic Information' and '204 ELV Simulator' dialog box. The dialog box has a title bar '204 ELV Simulator' and a close button. It contains a 'Password' field, a 'Simulator password' field, and an 'Activated' checkbox. Below these fields is an 'Operation Tip' section with four numbered instructions. On the right side of the dialog box, there are five buttons: 'Read Simulator', 'Load EIS Data', 'Write Simulator', 'Erase Simulator', and 'Erase ELV'. The 'Erase Simulator' button is highlighted with a red box. The background of the software shows a 'Wiring Diagram' tab and a 'Wiring Diagram' area with a 'Wiring Diagram' icon and a 'Wiring Diagram' label. The bottom of the window shows a 'Welcome' message.

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

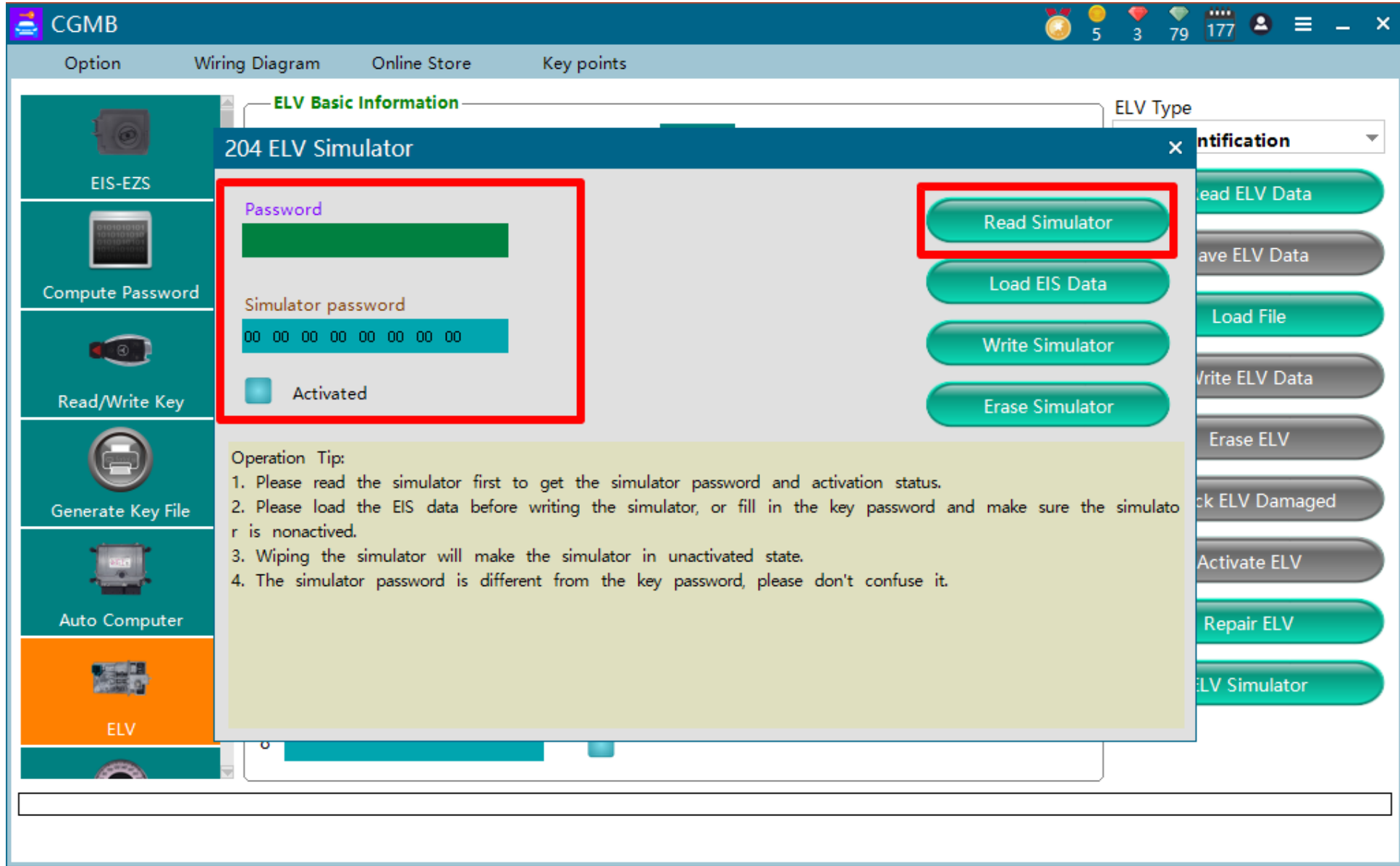
Method 1: Software Operation



The screenshot displays the CGMB software interface. The main window is titled "204 ELV Simulator" and contains several sections: "Password" with a green input field, "Simulator password" with a cyan input field, and an "Activated" checkbox. To the right are buttons for "Read Simulator", "Load EIS Data", "Write Simulator", and "Erase Simulator". Below these is an "Operation Tip" section with four numbered instructions. A small dialog box titled "CGMB" is overlaid on the main window, displaying the message "Erase simulator success!" and an "OK" button. The dialog box is highlighted with a red border. The status bar at the bottom of the main window also displays "Erase simulator success!".

The fourth step is that the reset is successful

Method 1: Software Operation



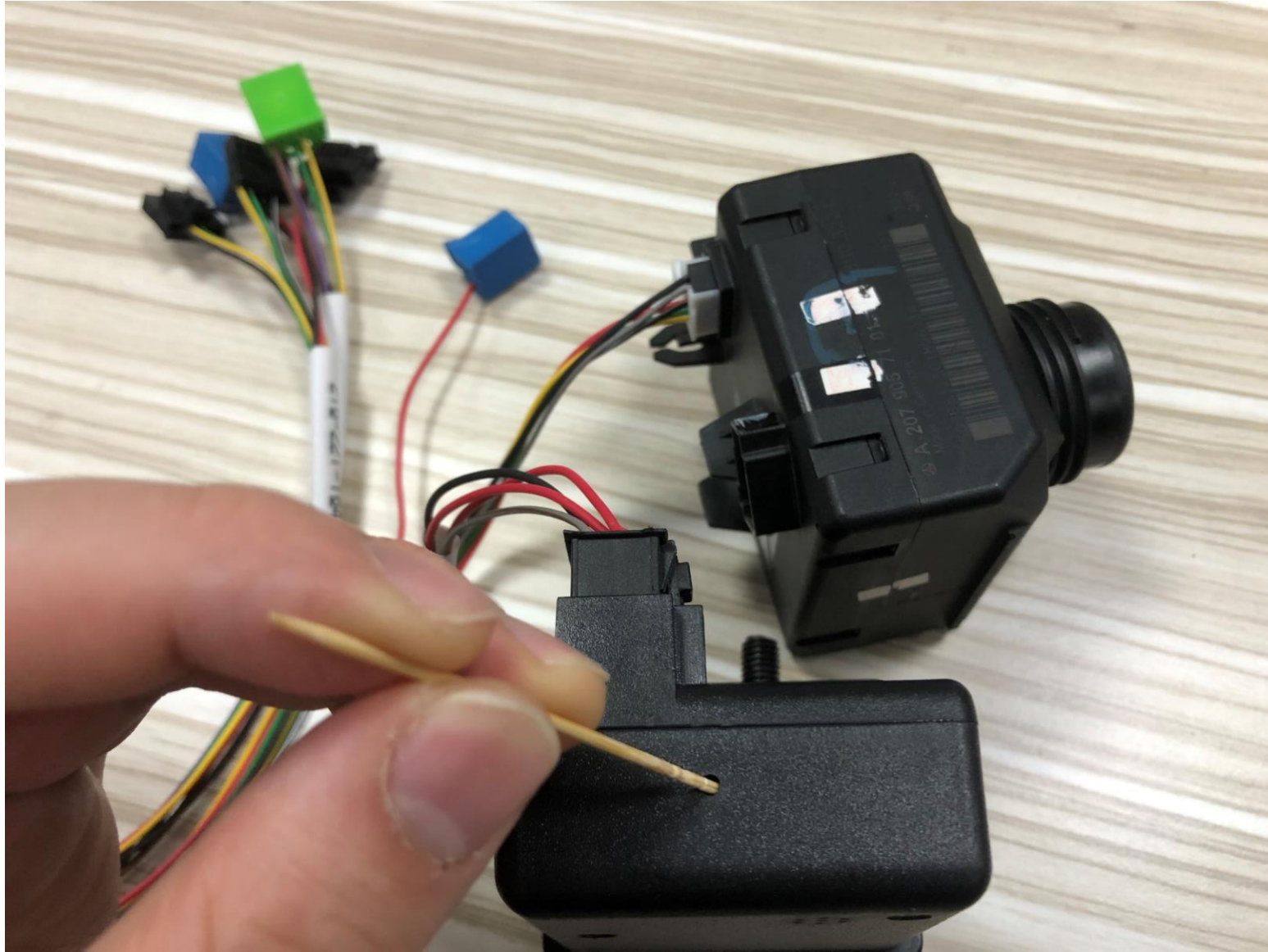
The fifth step, read the verification, the simulator password shows 0, has been activated without checking

Method 2: Manual Operation



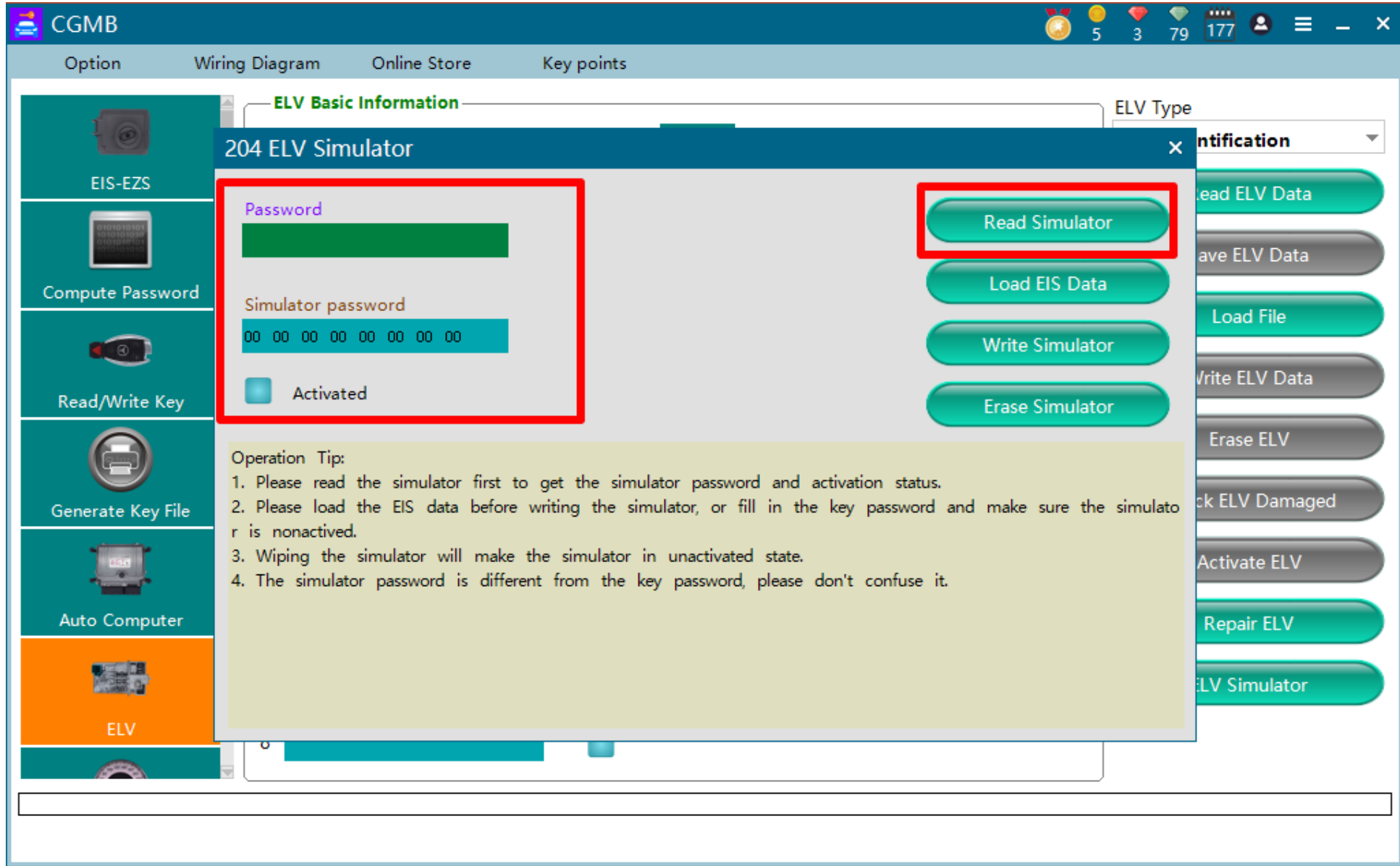
The first step is to prepare a toothpick or tweezers. Other thin objects can also be used.

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. The top navigation bar includes 'Option', 'Wiring Diagram', 'Online Store', and 'Key points'. The left sidebar contains several menu items: 'EIS-EZS', 'Compute Password' (highlighted in orange), 'Read/Write Key', 'Generate Key File', 'Auto Computer', and 'ELV'. The main content area is divided into two sections:

- Collect Data and Upload:** Features a dropdown menu for 'EIS Type' set to 'Auto-identification'. Below it is a list of seven numbered 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.
- Query the Server and Wait For the Results:** This section is highlighted with a red border. It contains a 'Password' field with a 'Copy' button. Below the field, the password is displayed as a green bar with the hexadecimal value 'B6 46 AF B2 CA 3E 14 56'. To the right of this section is a 'Query Result' button and a checked 'Auto Refresh' checkbox.

At the bottom of the interface, a status bar displays the message 'PASSWORD computing success!'.

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

CGMB

Option Wiring Diagram Online Store Key points

EIS Basic Information

SSID: E0 3C 27 D3 VIN: [redacted]

EIS number: 2079057301 Mileage: 0 KM The last used key: 2 The penultimate key: 5

EIS Key Information

	Used	Disabled	Password	Copy	Paste
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B6 46 AF B2 CA 3E 14 56	<input type="button" value="Copy"/>	<input type="button" value="Paste"/>
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
3	<input type="checkbox"/>	<input type="checkbox"/>			
4	<input type="checkbox"/>	<input type="checkbox"/>			
5	<input type="checkbox"/>	<input type="checkbox"/>			
6	<input type="checkbox"/>	<input type="checkbox"/>			
7	<input type="checkbox"/>	<input type="checkbox"/>			
8	<input type="checkbox"/>	<input type="checkbox"/>			

Special Key: 22 2C A0 28 0C 2A 33 49

Personalized TP cleared Dealer EIS FBS4

Interface

OBD IR

Chassis number: W172,204,207,212(with ELV)

100%

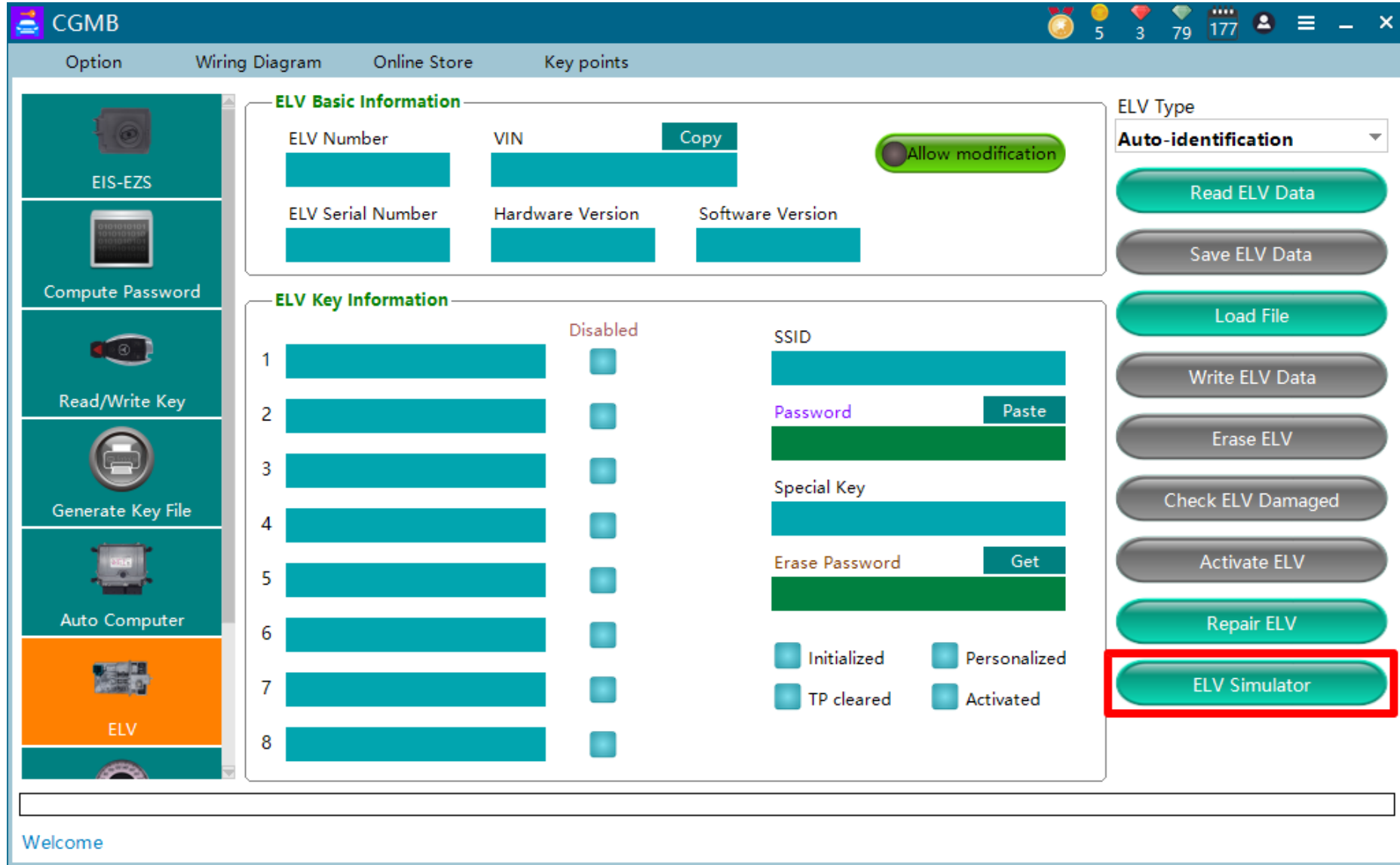
Save file successfully!

CGMB

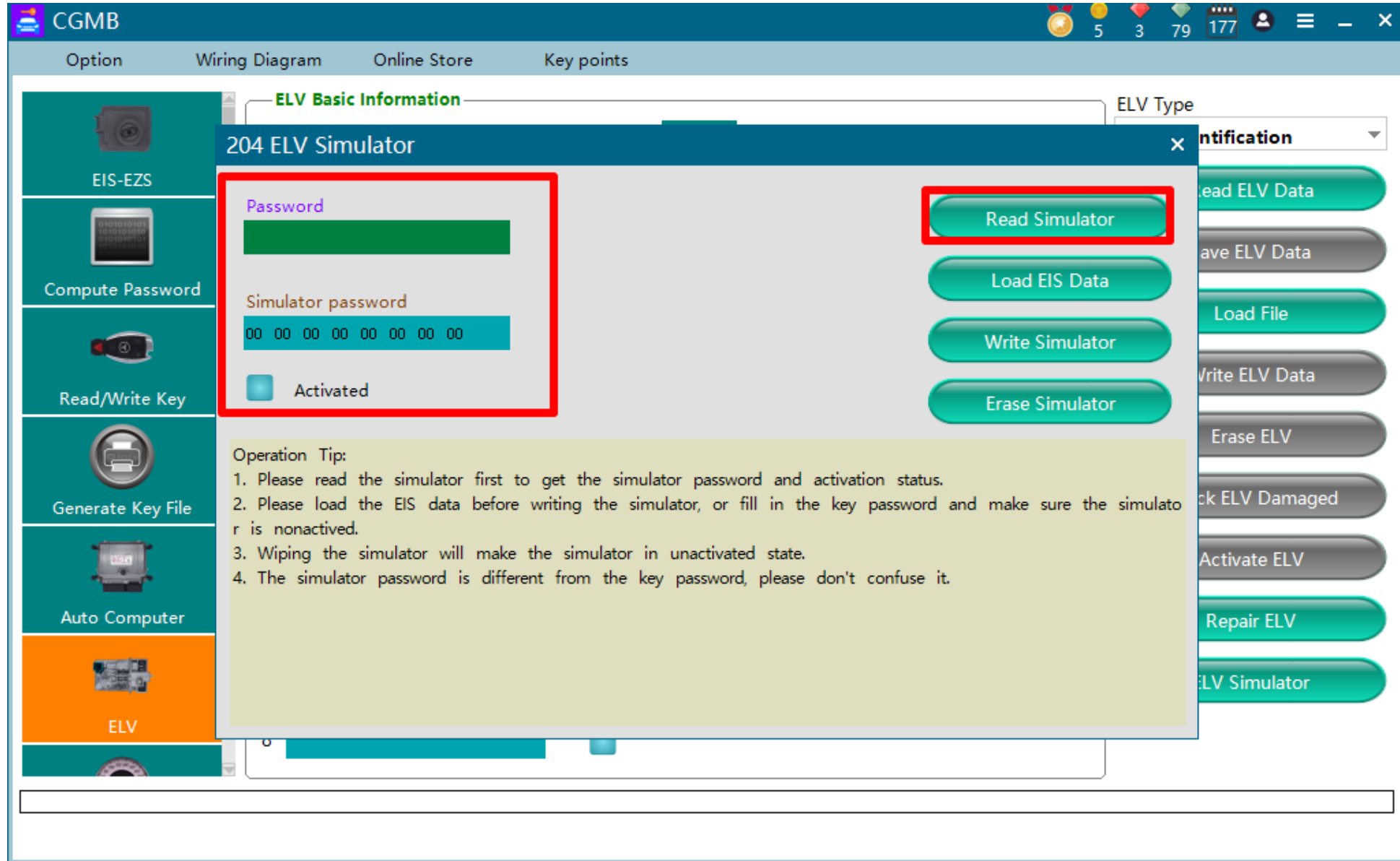
Save file successfully!

OK

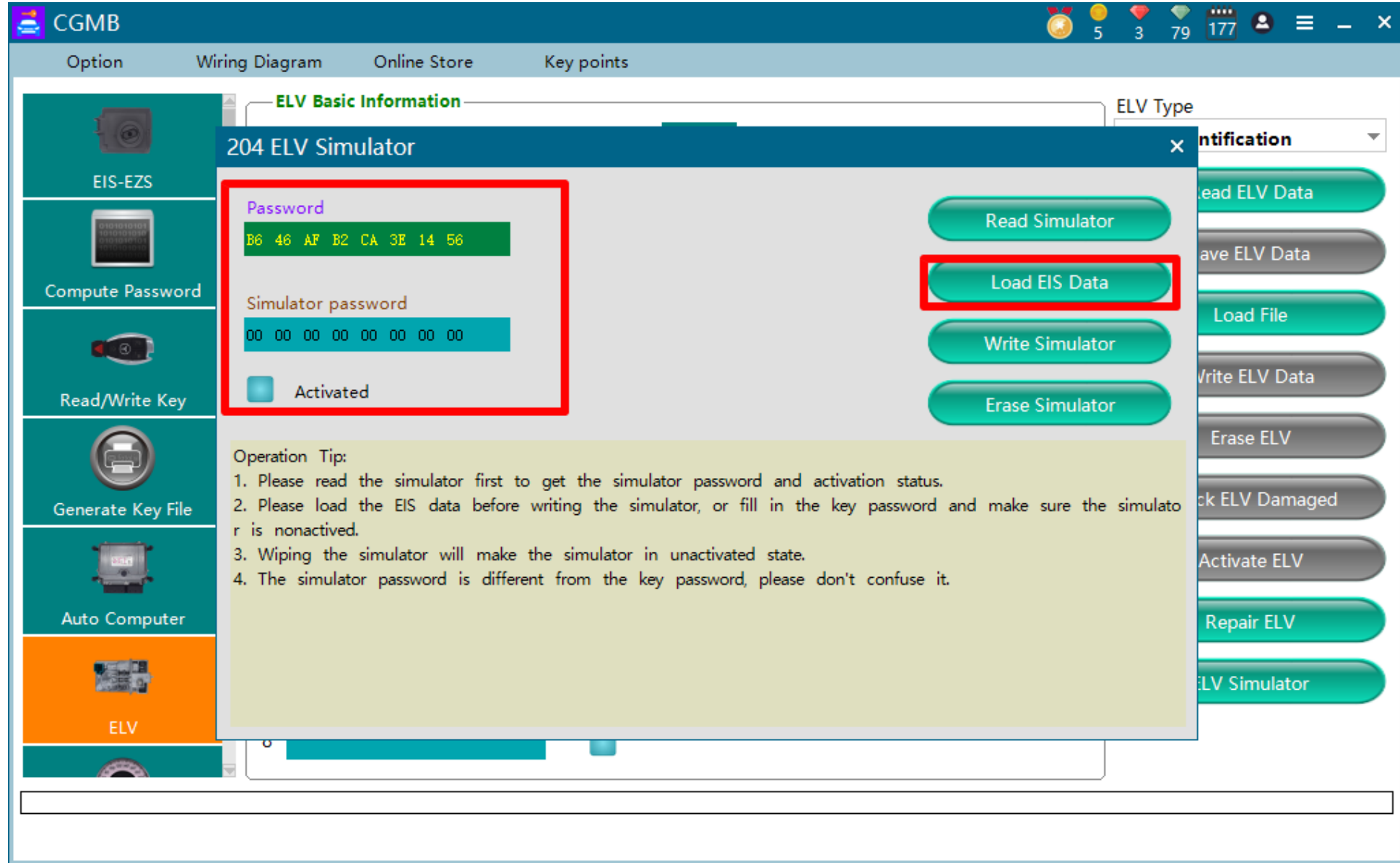
The second step is to save the lock data with the Password



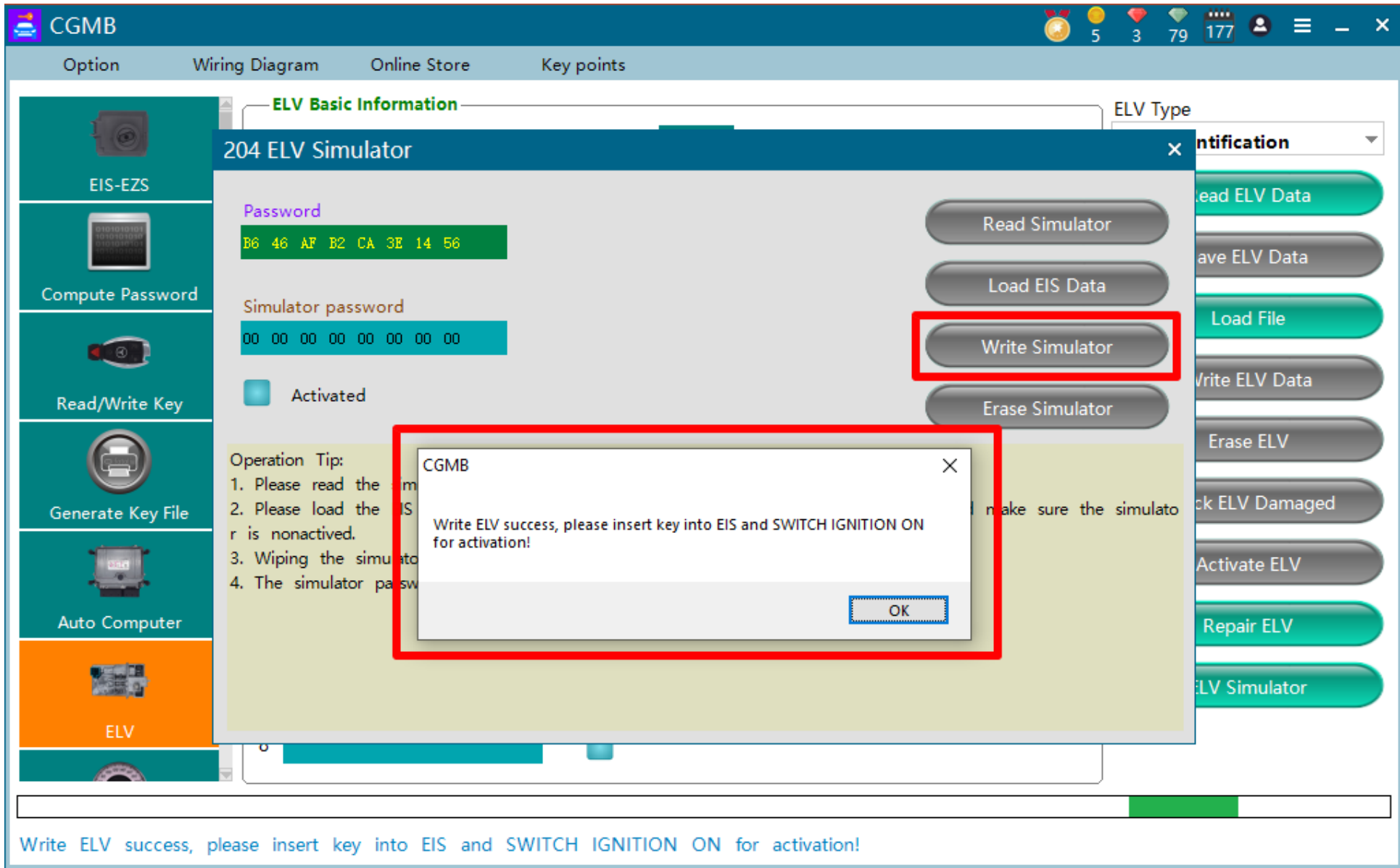
The third step is to connect the simulator, as long as it can communicate, open the software and enter the "ELV-ELV Simulator" option



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



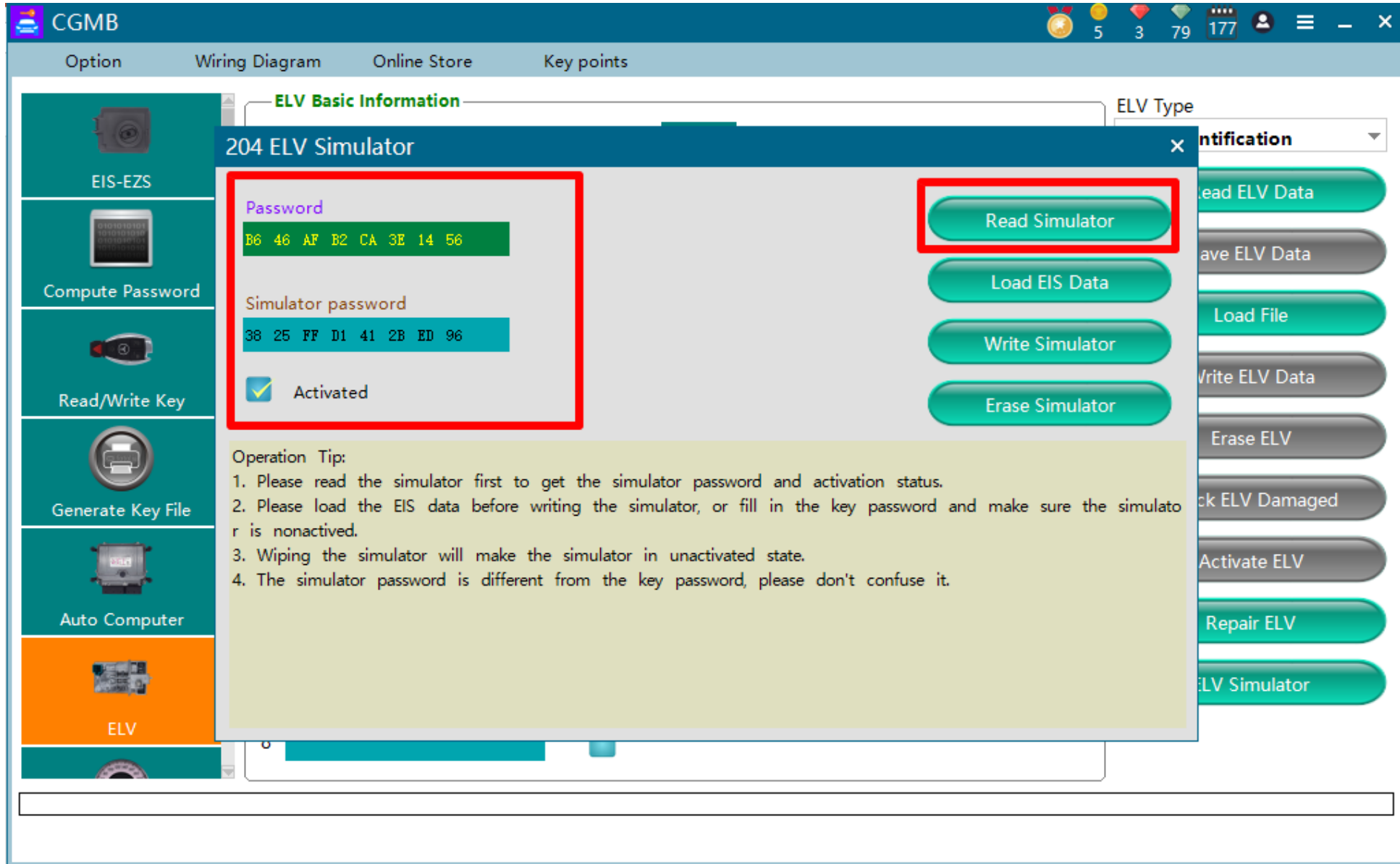
The fifth step is to load the lock data with the key password just saved



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