



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

Shop CGDI ELV Simulator: <https://www.cgdi-prog.com/products/cgdi-elv-simulator.html>

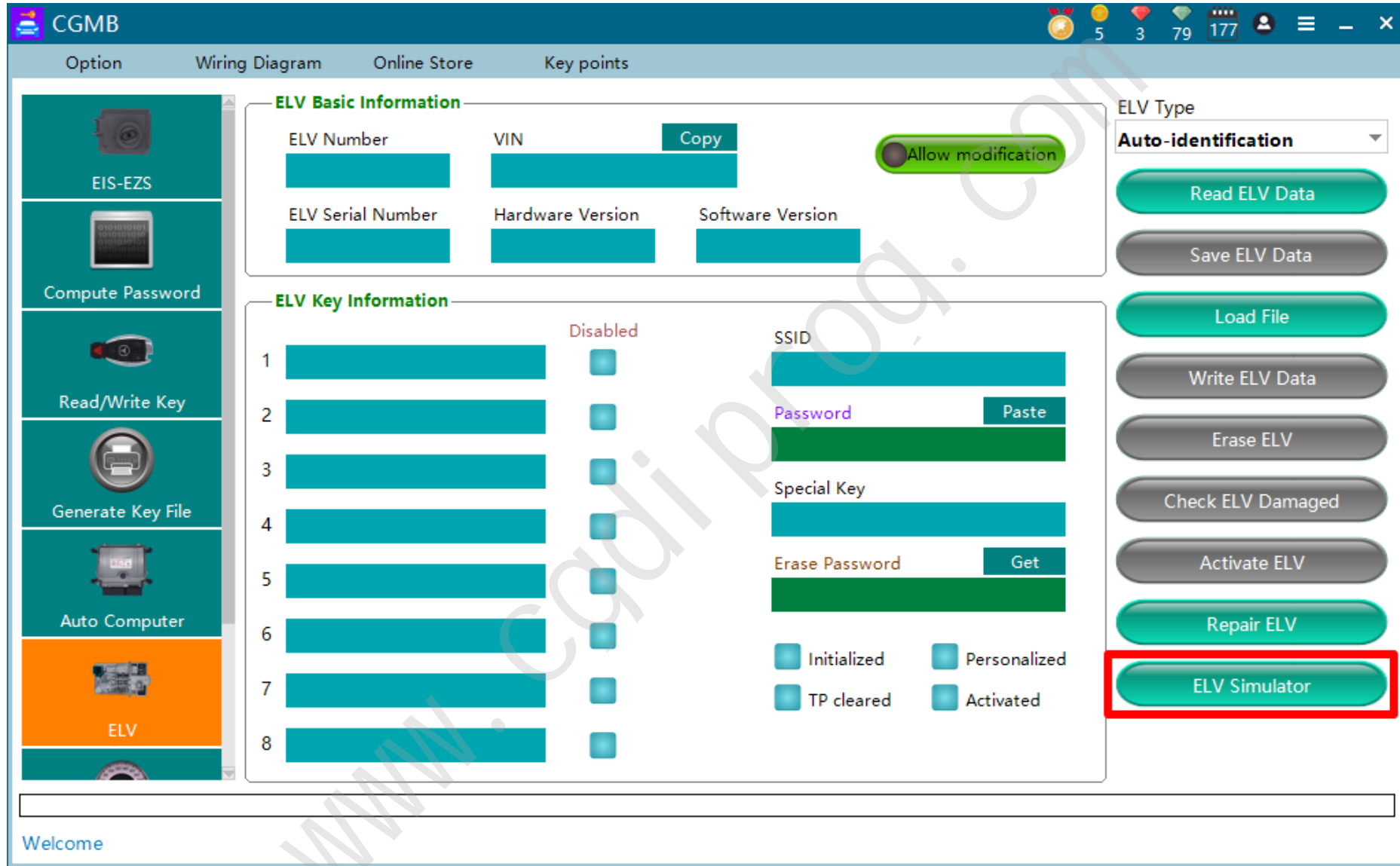


—、 Arbitrary Erase

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!

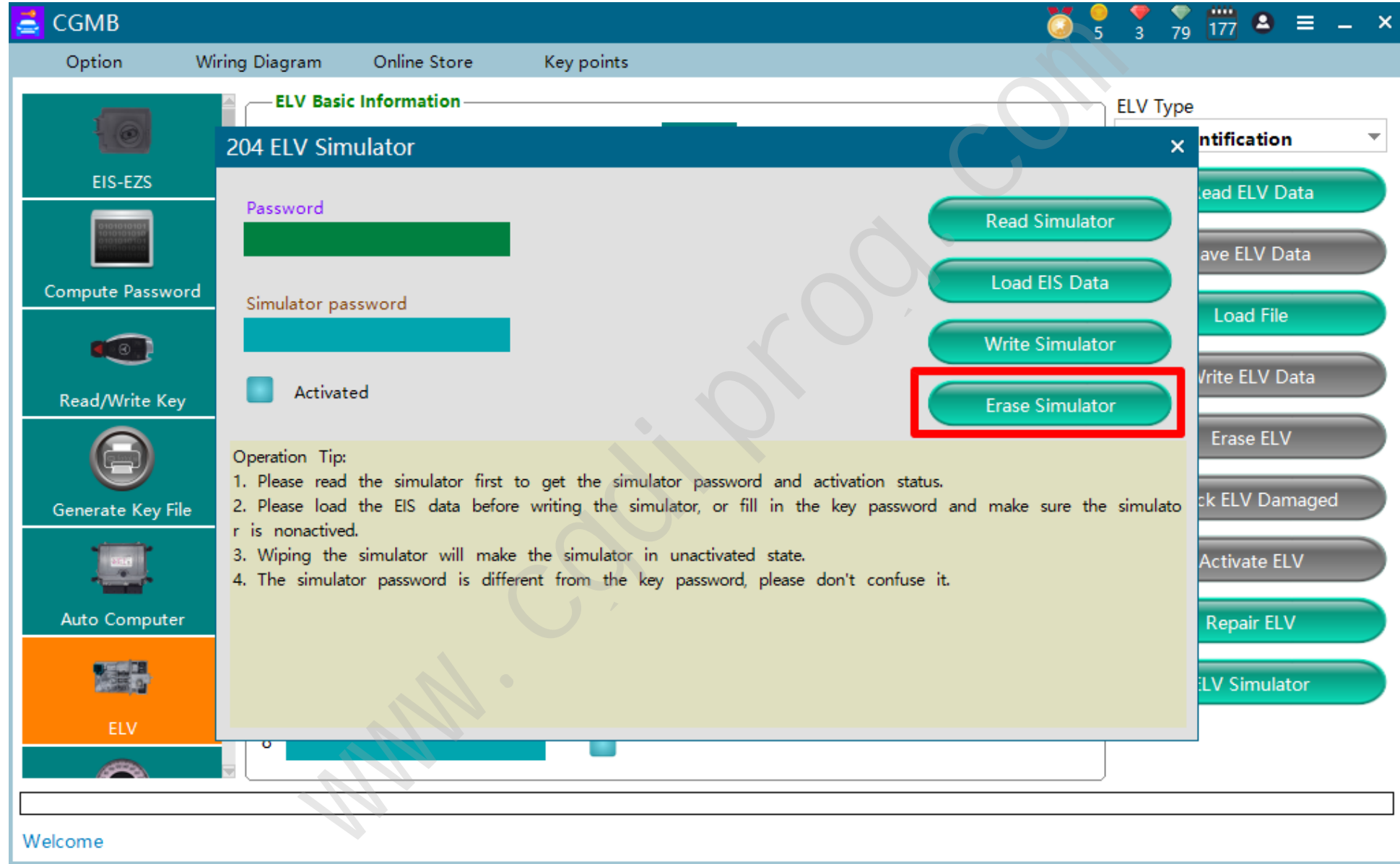
Wiping is divided into two methods. The premise is that communication is required. One is software operation and the other is manual operation. The different steps are different, but the results are the same.

Method 1: Software Operation



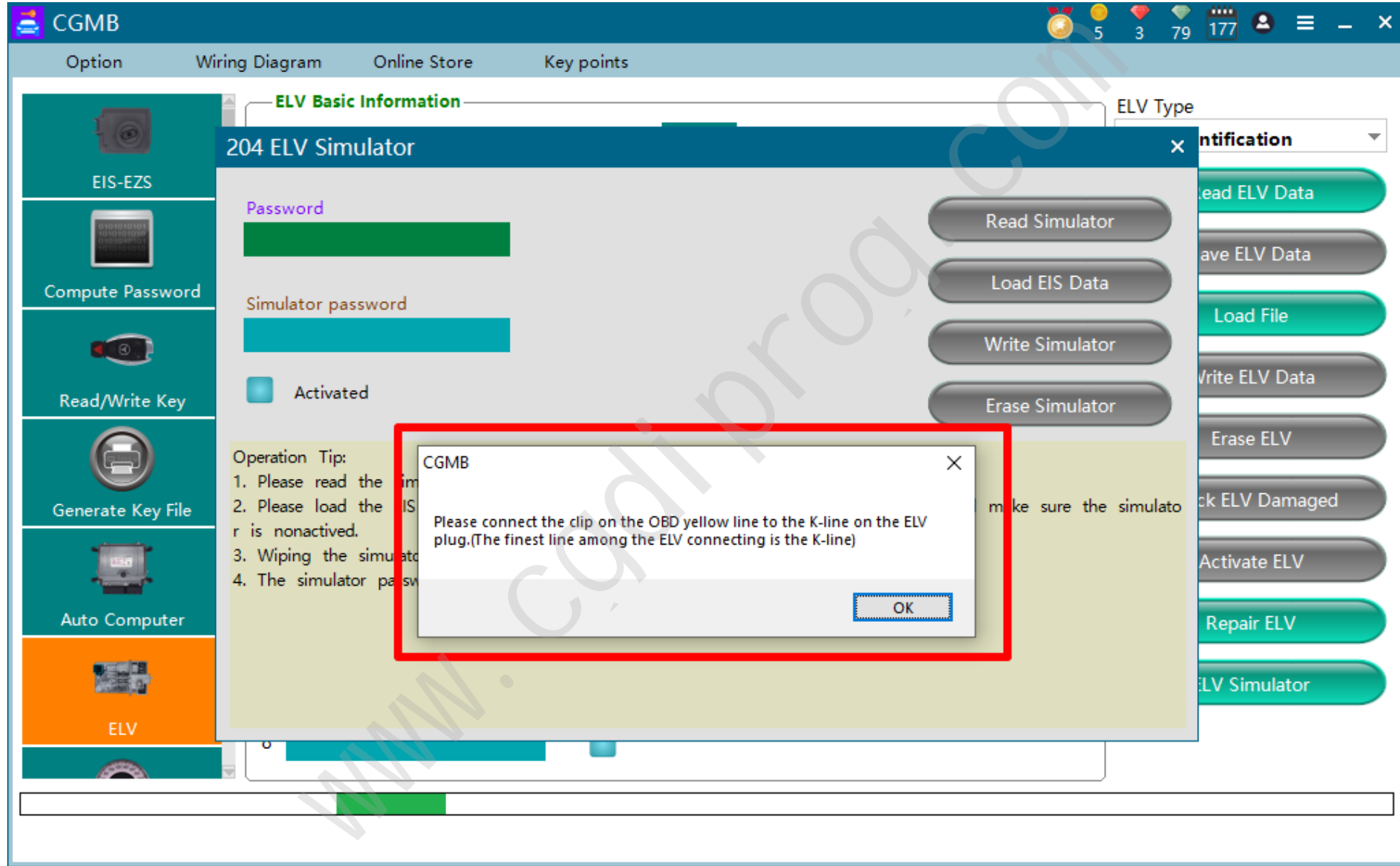
The first step is to connect the simulator, both the real car and the platform. As long as it can communicate, open the software and enter the "ELV-ELV Simulator" option

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

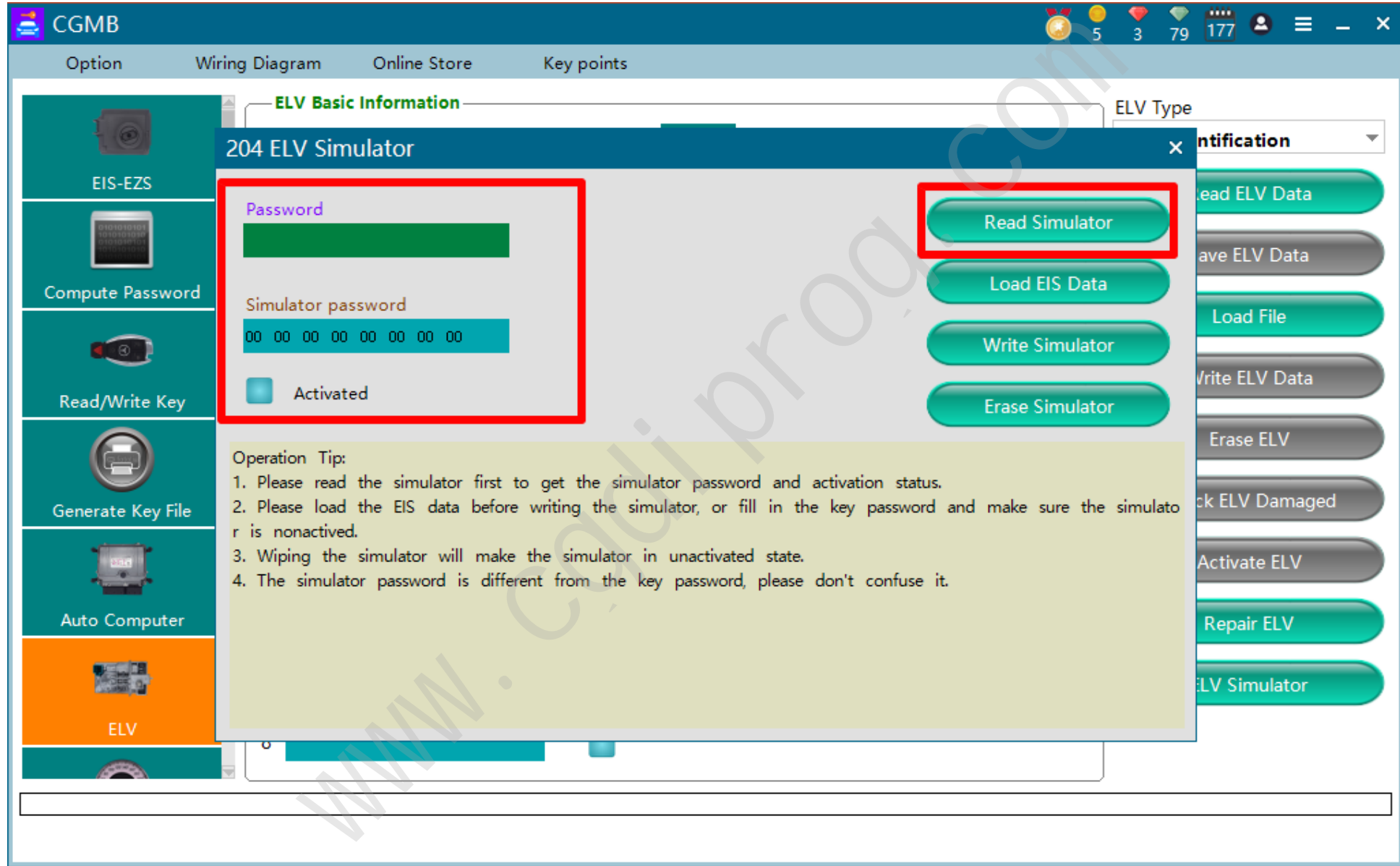
Method 1: Software Operation



The screenshot displays the CGMB software interface. The main window is titled "204 ELV Simulator" and contains several sections: "Password" (with a green bar), "Simulator password" (with a cyan bar), and an "Activated" checkbox. To the right of these fields are five buttons: "Read Simulator", "Load EIS Data", "Write Simulator", and "Erase Simulator". Below these buttons 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 background interface includes a sidebar with icons for "EIS-EZS", "Compute Password", "Read/Write Key", "Generate Key File", "Auto Computer", and "ELV". The top of the window shows the "CGMB" title bar and a menu bar with "Option", "Wiring Diagram", "Online Store", and "Key points". The bottom of the window shows a status bar with the text "Erase simulator success!".

The fourth step is that the reset is successful

Method 1: Software Operation



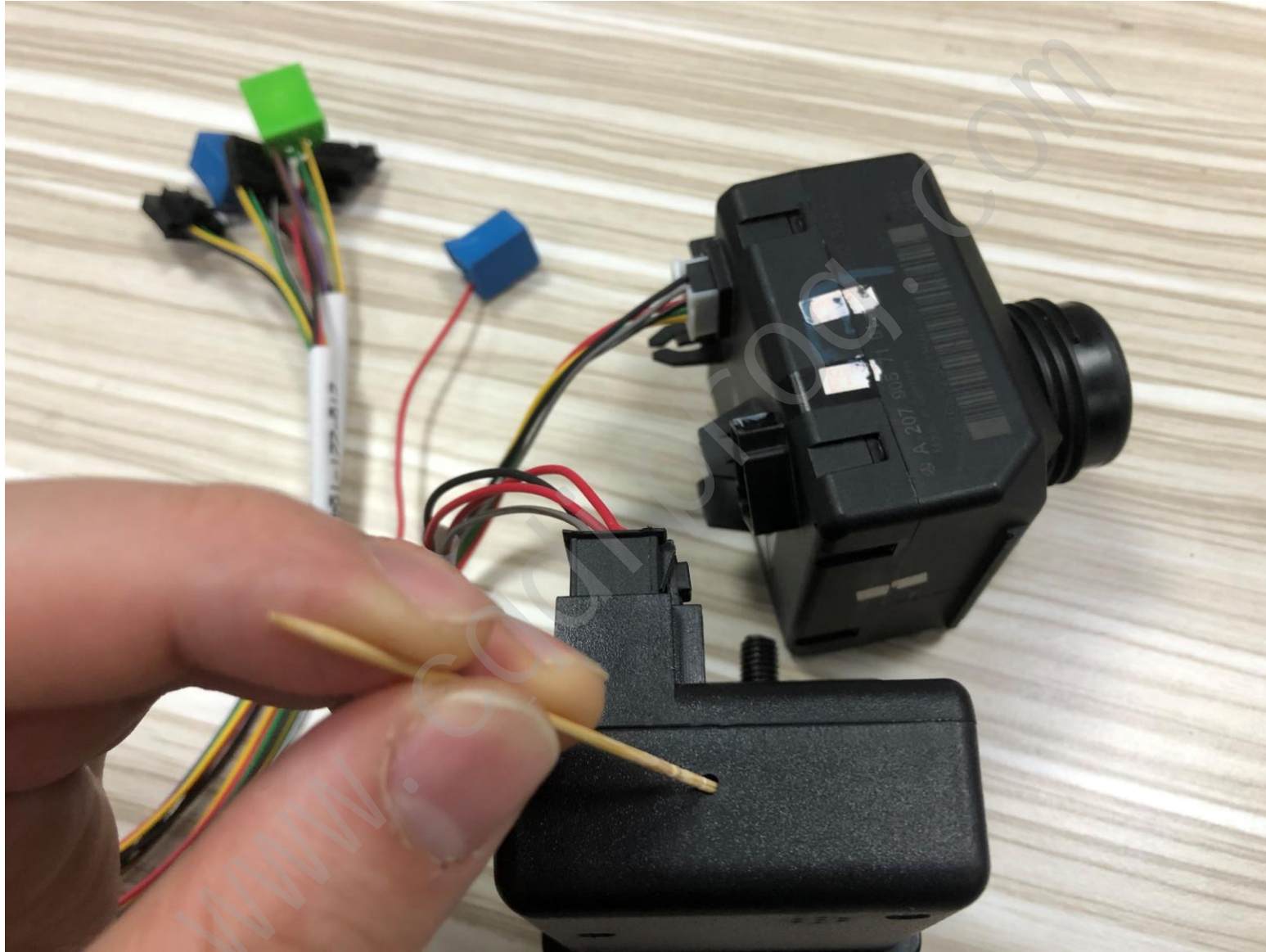
The fifth step, read the verification, the simulator password shows 0, has been activated without checking

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 screenshot displays the CGMB software interface. The main window is titled '204 ELV Simulator'. On the left, there is a sidebar with icons for 'EIS-EZS', 'Compute Password', 'Read/Write Key', 'Generate Key File', 'Auto Computer', and 'ELV'. The 'ELV' icon is highlighted in orange. The main area contains a 'Password' field (highlighted with a red box), a 'Simulator password' field with the value '00 00 00 00 00 00 00 00', and an 'Activated' checkbox. To the right of these fields are four buttons: 'Read Simulator' (highlighted with a red box), 'Load EIS Data', 'Write Simulator', and 'Erase Simulator'. Below the fields is an 'Operation Tip' section with the following text:

Operation Tip:
1. Please read the simulator first to get the simulator password and activation status.
2. Please load the EIS data before writing the simulator, or fill in the key password and make sure the simulator is nonactivated.
3. Wiping the simulator will make the simulator in unactivated state.
4. The simulator password is different from the key password, please don't confuse it.

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 (highlighted in orange), 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 is active, showing a dropdown menu for 'EIS Type' set to 'Auto-identification' and a list of seven steps for data collection. To the right are radio buttons for 'Copy key with key' (selected) and 'Copy key without key', along with 'Collect Data' and 'Upload Data' buttons. Below this is the 'Query the Server and Wait For the Results' section, which is highlighted with a red box. It features a 'Password' label, a green bar containing the hexadecimal string 'B6 46 AF B2 CA 3E 14 56', and a 'Copy' button. To the right of this section are 'Query Result' and 'Auto Refresh' buttons. 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%

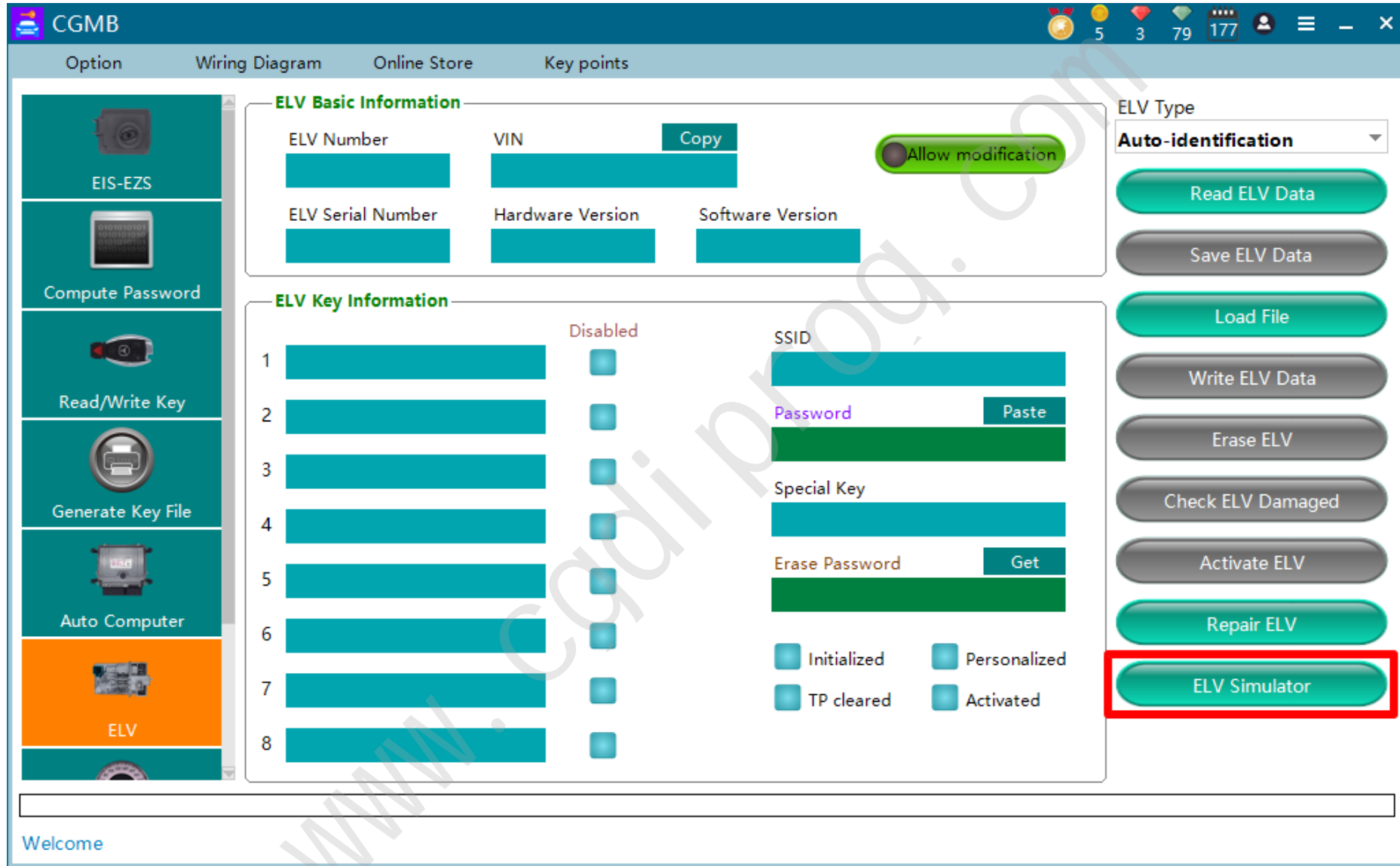
Save file successfully!

CGMB

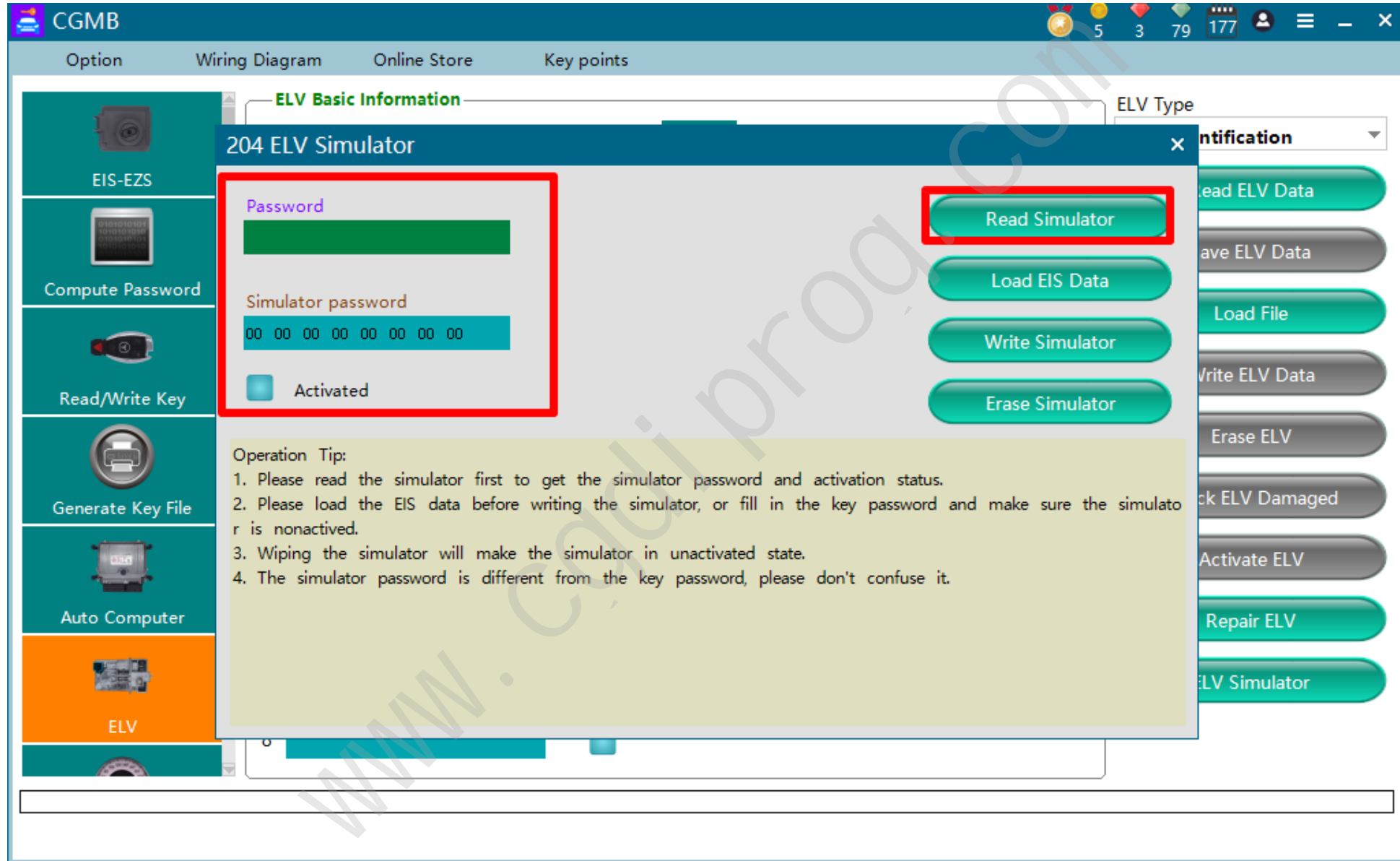
Save file successfully!

OK

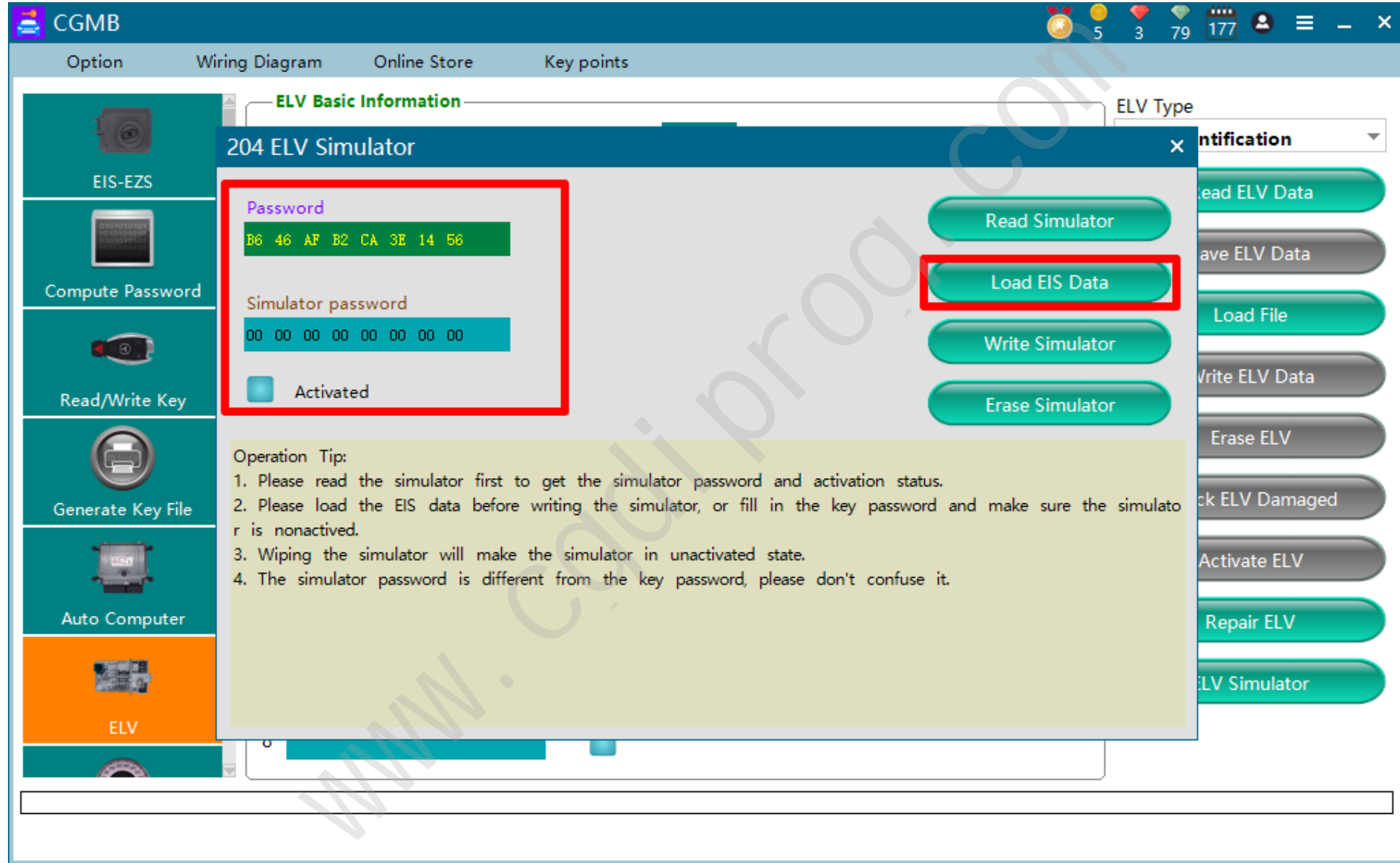
The second step is to save the lock data with the Password



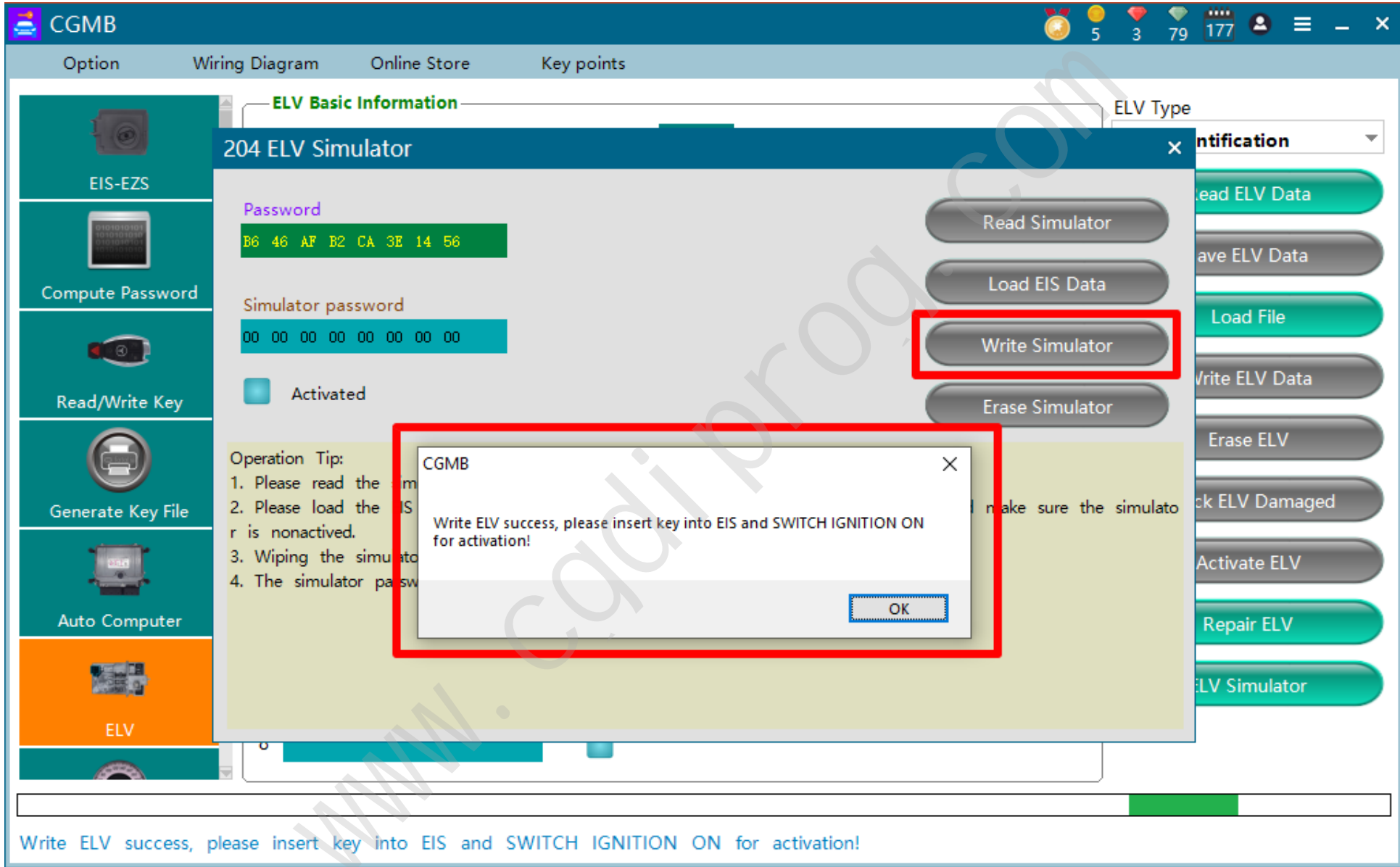
The third step is to connect the simulator, as long as it can communicate, open the software and enter the "ELV-ELV Simulator" option



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



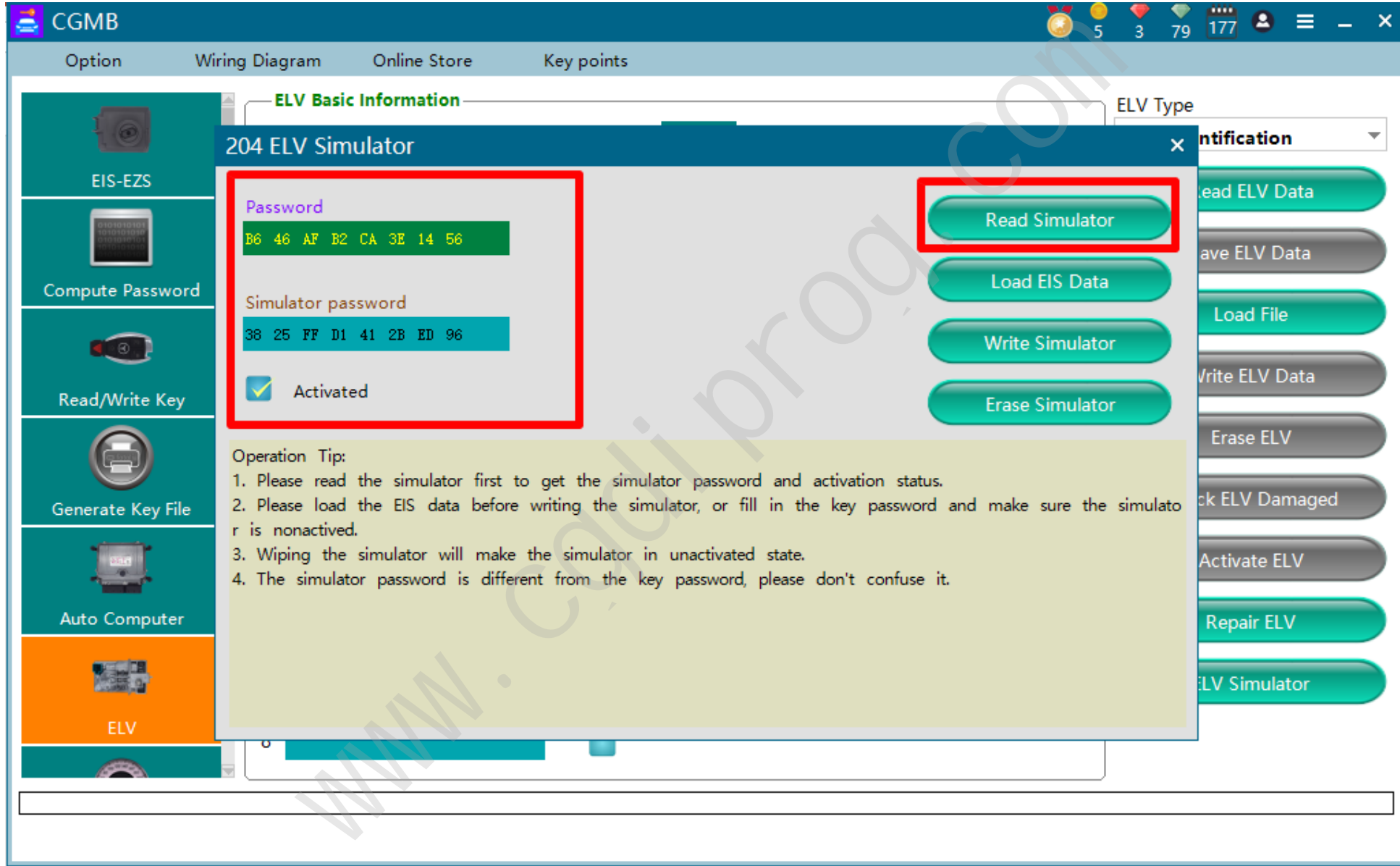
The fifth step is to load the lock data with the key password just saved



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