



# GODIAG GT110 FOR VW Skoda Seat CAN-Bus UDS 4th Generation IMMO System Test Platform Cable



## User Manual

## Product Overview

GODIAG GT110 for VW Skoda Seat CAN-Bus UDS 4th generation IMMO system test platform cable supports VW Skoda Seat and other models, and performs offline POGO PIN data reading and writing. It is for dashboards key programming (including Boot Probe) of all UDS systems of Volkswagen, Skoda and Seat.

It can display the current working voltage and current, has a power switch, the simulation ignition switch, and a buzzer to prompt the ignition start and shut down.

It supports CANH UDS communication indication, CR2032 remote key battery detection, key and IMMO instrument synchronization test, intelligent IMMO system emergency start area induction detection, IMMO combination instrument offline diagnosis, instrument IMMO data reading and writing, instrument mileage repair, key matching and other functions.

It can be used with devices like HEX V2, VAGCOM VCDS 5053, VAS5054A, VAS6154, SUPER VAG K+CAN, Obdstar, Lonsdor, AVDI, ZEDFULL, VVDI2, Key Tool Plus, X300 DP Plus, Lonsdor, SUPER VAG, AUTEL, etc.

## Functions:

1. Use POGO PIN to read and write data to the dashboard.
2. Offline connection to the dashboard to convert to standard OBD2.
3. Perform key chip and instrument synchronization test.
4. Independent power switch
5. Simulate ignition switch
6. Current working voltage display
7. CR2032 remote key battery detection
8. Current instrument working current display
9. CANH UDS communication indicator light
10. Key induction adapter with light
11. The pogo PIN is more stable to hold and it does not damage the cable.

## Steps to Use POGO PIN to Read FLASH Data

Step 1: Connect the power supply [Note: the power switch must be off].

Step 2: Press the ignition switch first.

Step 3: Connect GT110 to the instrument.



Step 4: Find the POGO PIN connection point of the corresponding instrument and connect it with a probe.



Step 5: Turn on the power switch for about 3-5 seconds. As long as the instrument ABS light is flashing, it means that the POGO PIN read and write mode has been entered.

Note: During this process, the POGO PIN probe must be kept pressed on the POGO PIN POINT.

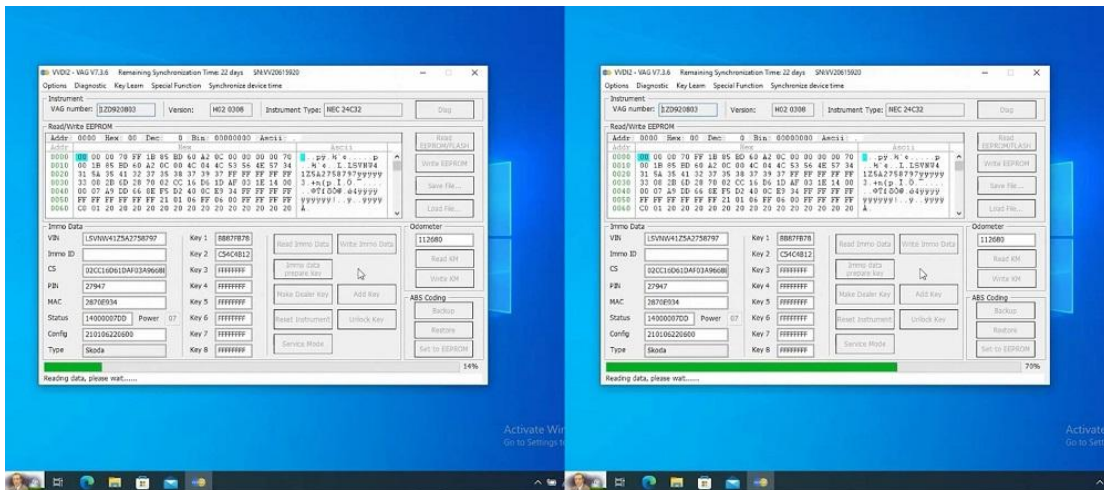
The POGO PIN points on some chip boards are not covered, so you don't need to remove the cover



Remove the cover



do not remove the cover



Not using POGO PIN

Using POGO PIN

By comparison, it is found that using POGO PIN to read FLASH data is much faster than not using POGO PIN to read FLASH data.

## VW GOLF Key Chip Matching with GODIAG GT110 & VVDI2

Step 1: Connect GT110, VVDI, computer and instrument as shown in the figure.



Step2: Then connect 12V power to GT110.



Step 3: Then press the main power switch 1 and the ignition switch 2.

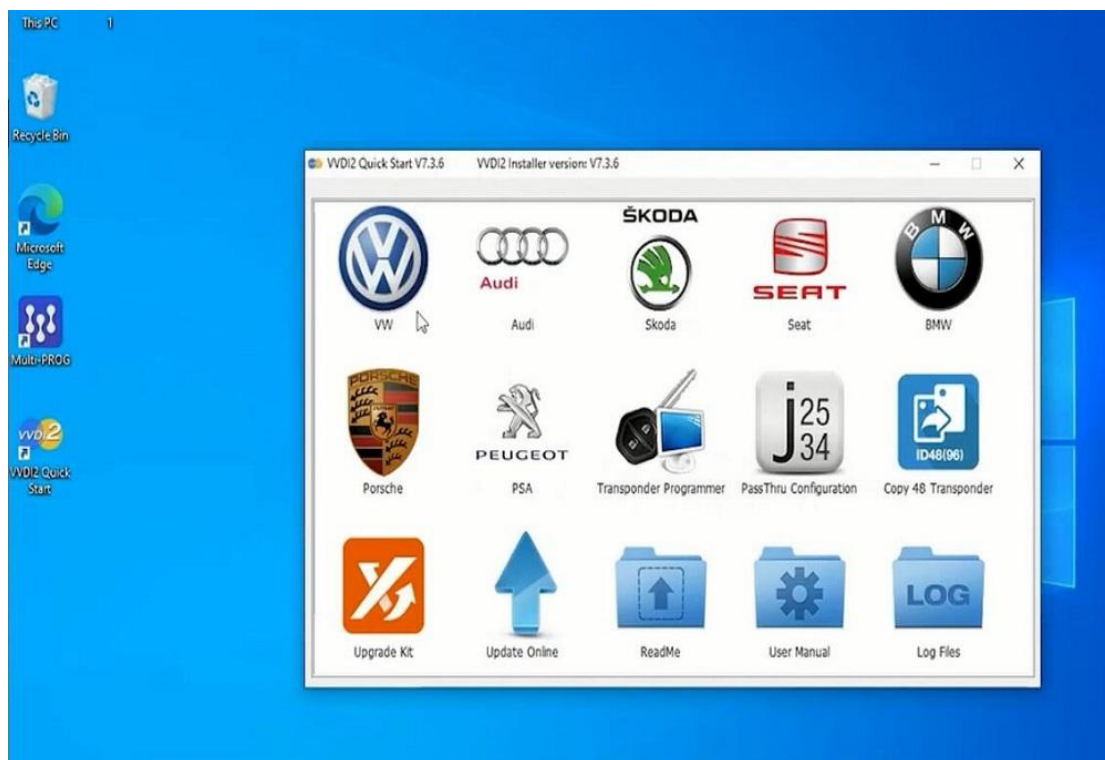


After pressing the ignition switch<sup>2</sup>, you can see that the dashboard displays SAFE. The light on the sensor adapter flashes for a long time and then goes out. This means that no matching key chip was identified.

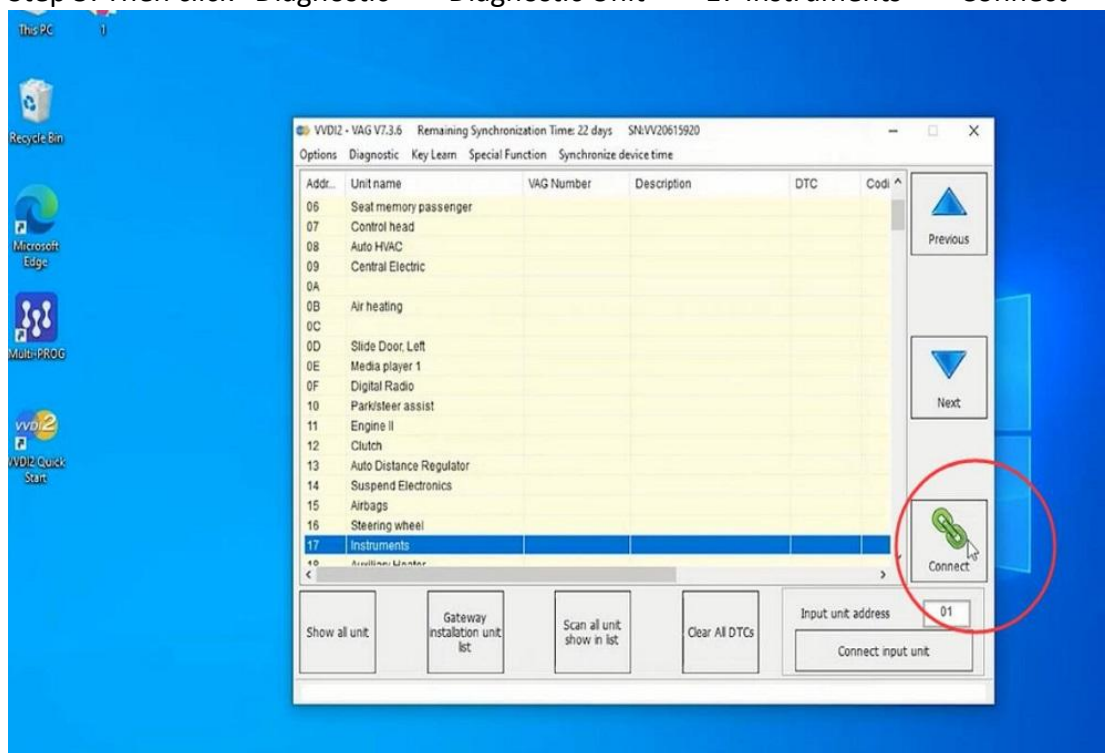


Next, start key matching.

Step 4: Open the VVDI2 software on your computer and click VW.

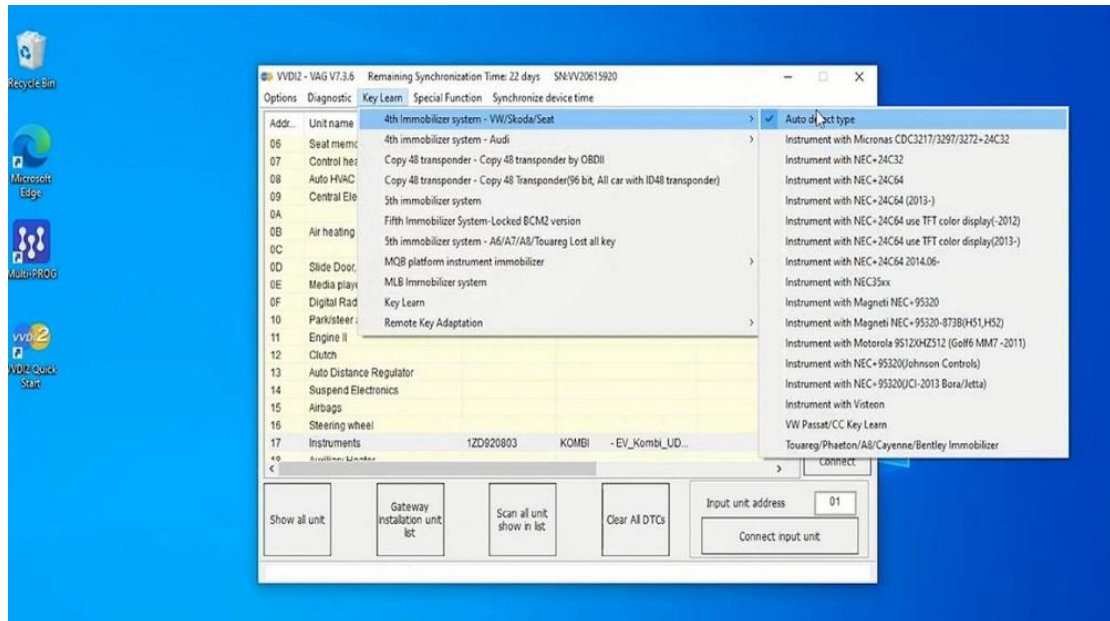


Step 5: Then click "Diagnostic">>"Diagnostic Unit">>"17 Instruments">>"Connect"

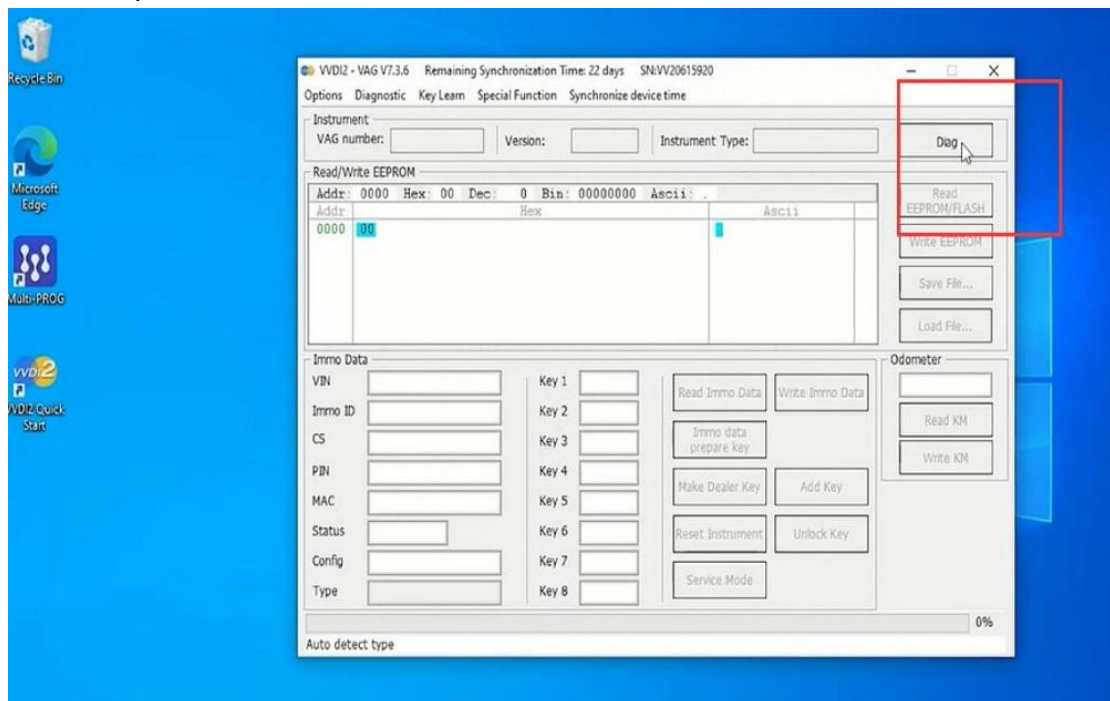


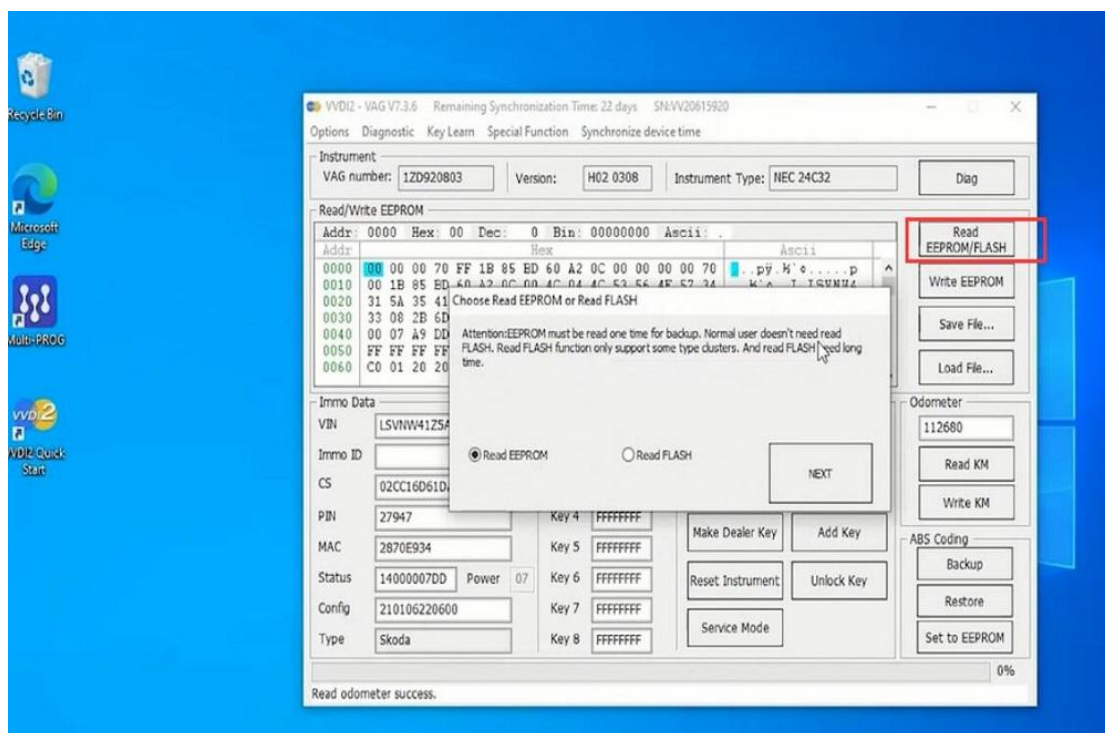
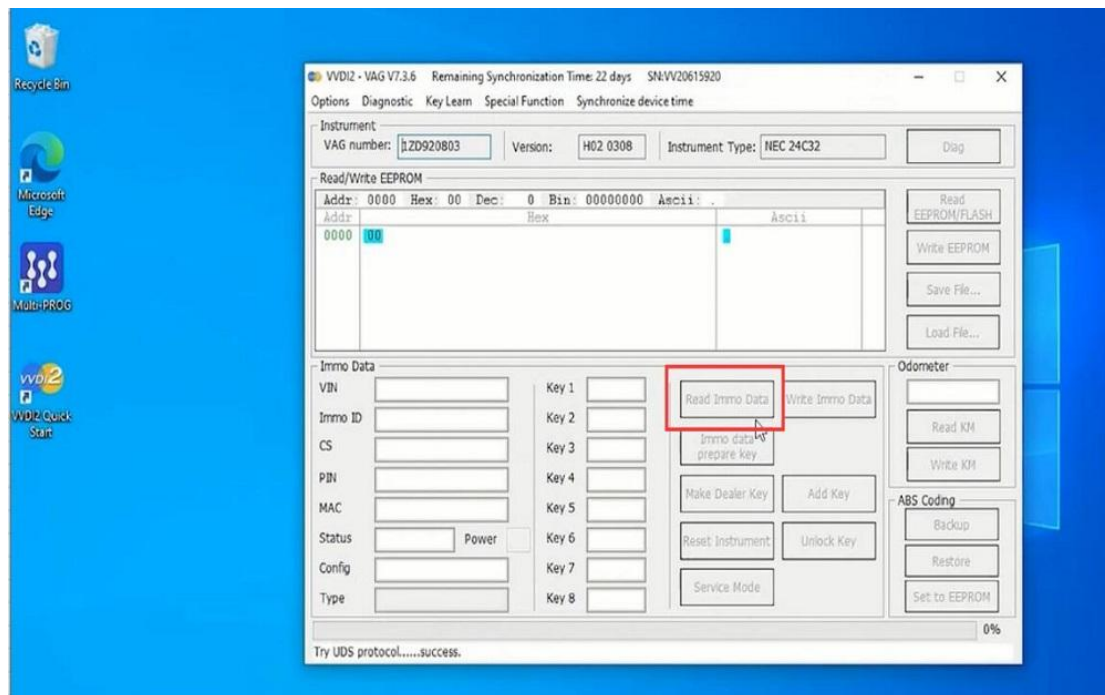
Here you can read instrument information, clear fault codes, etc.

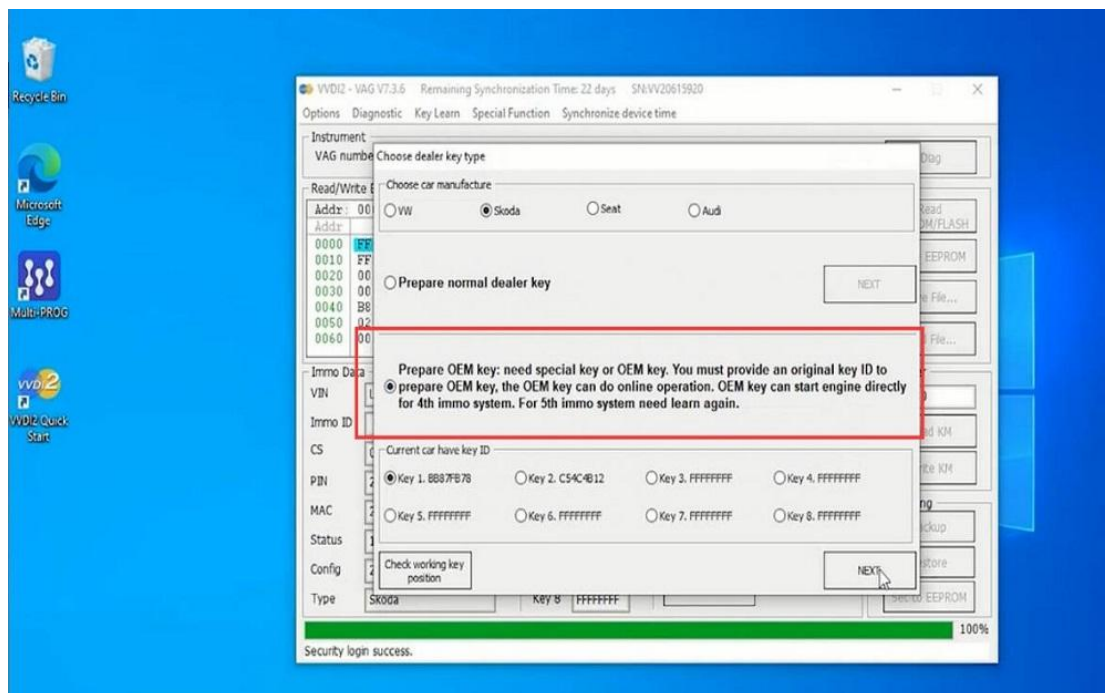
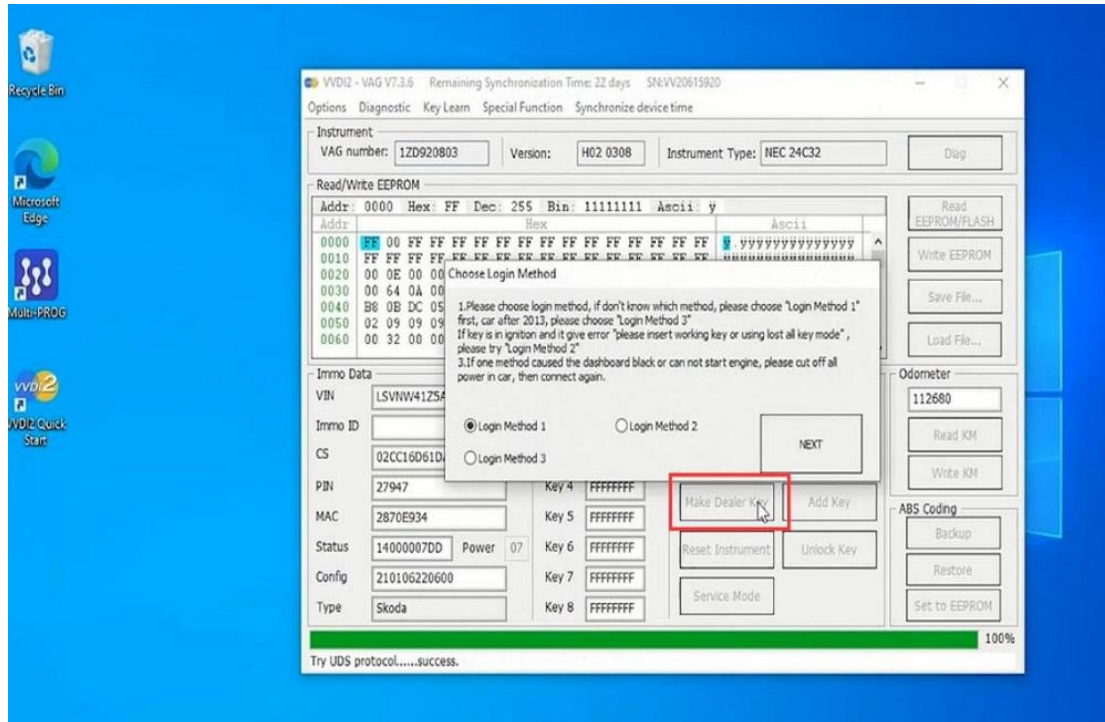
Step 6: After exiting the "Diagnostic", select "Key Learn">>"4th immobilizer system-VW/Skoda/Seat">>"Auto detect type"



Step 7: Click"Diag">>Click"Read IMMO Data">>"Read EEPROM/FLASH">>"Make Dealer Key">>"Next"



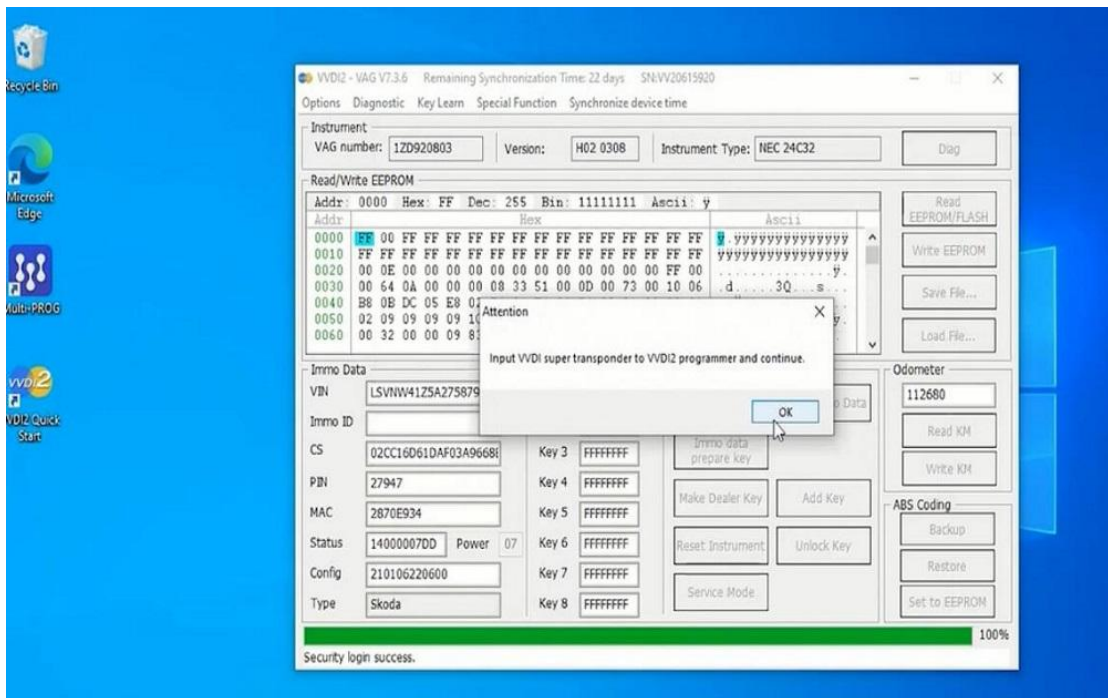


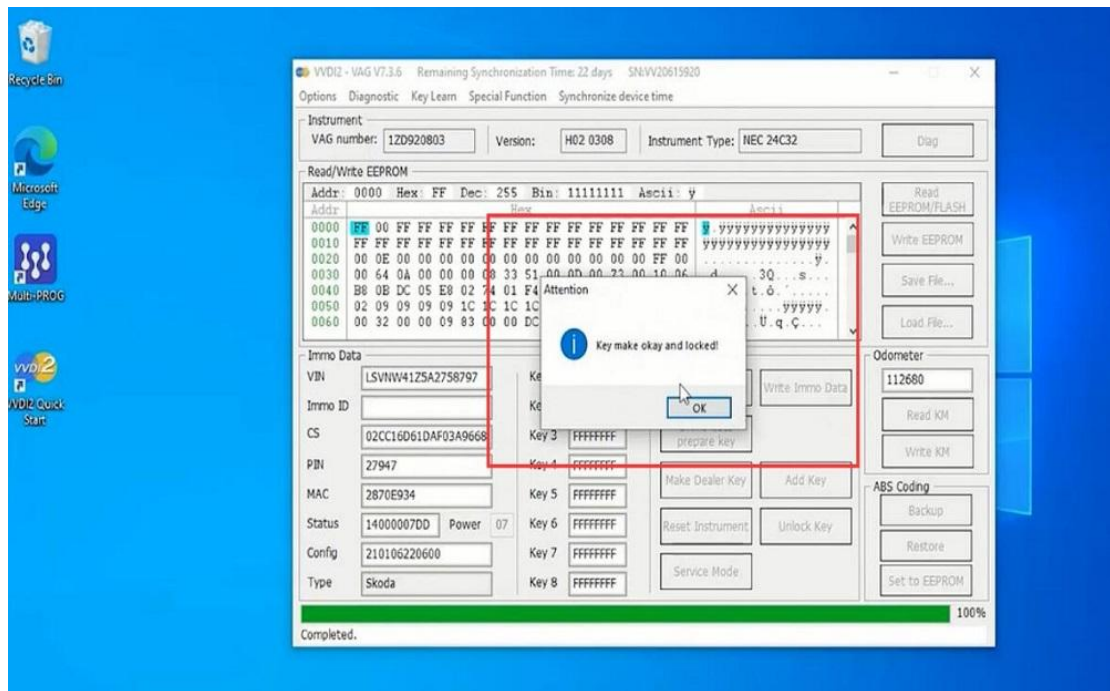


Step 8: Then follow the prompts to insert Xhorse VVDI super chip.  
Note: If the chip has been used, you need to erase it first.



Step 9: After inserting the chip, click “OK” to continue. Then the chip matching is successful.





Test the newly generated chip.

Step 10: Put the chip into the induction adapter.



Step 11: Then press the main power switch 1, ignition switch 2 in order.



After pressing the ignition switch, you can see the light on the induction adapter flash quickly and then go out immediately, and the instrument panel displays the specific mileage.

This means that the chip is matched successfully.



### Intelligent IMMO System Emergency Start Area Induction Detection

Press the vehicle's start switch and bring the device's key identifier close to a certain area. If the key identifier light flashes or lights up, it means that the area is the vehicle's key emergency start sensing area. If the customer's smart key is out of power, just put the dead smart key in the key emergency start sensing area to start the vehicle.

### Car IMMO Start and Start Key Chip Detection

#### Test Result Analysis:

1. The light of the key identifier flashes and then goes out, indicating that the IMMO chip and the chip key are working properly.
2. The light of the key identifier flashes for a long time, indicating that the chip key and the vehicle's IMMO system do not match, and the chip key needs to be re-matched.
3. The light of the key identifier does not flash, which means that the vehicle's IMMO system is faulty. Please check the vehicle's IMMO system.

## Accessories:

1pc x GODIAG GT110 FOR VW Skoda Seat Test Platform Cable

1pc x PDF manual

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Thanks for reading!