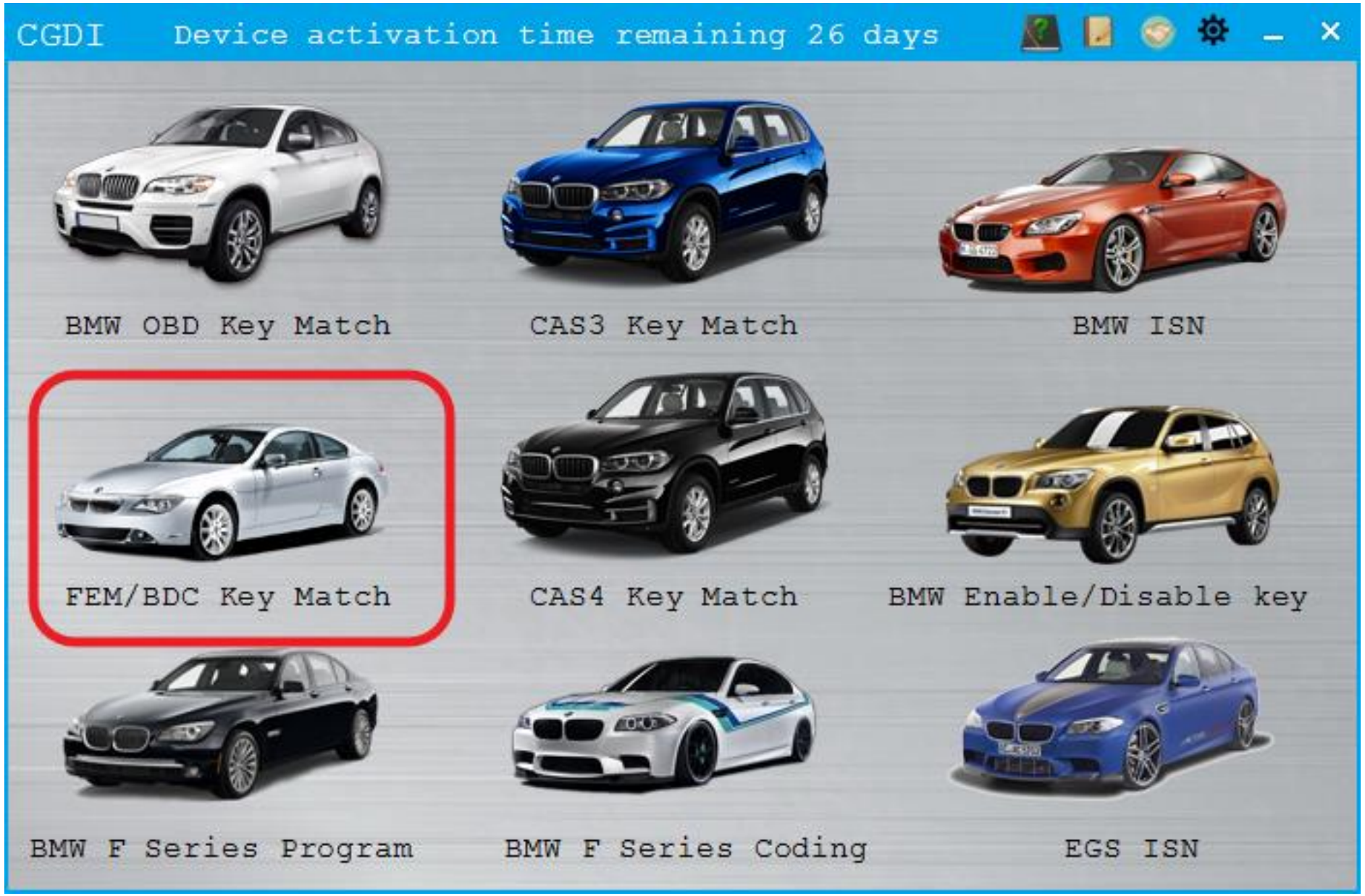
FEM/BDC

1.Copy key with key

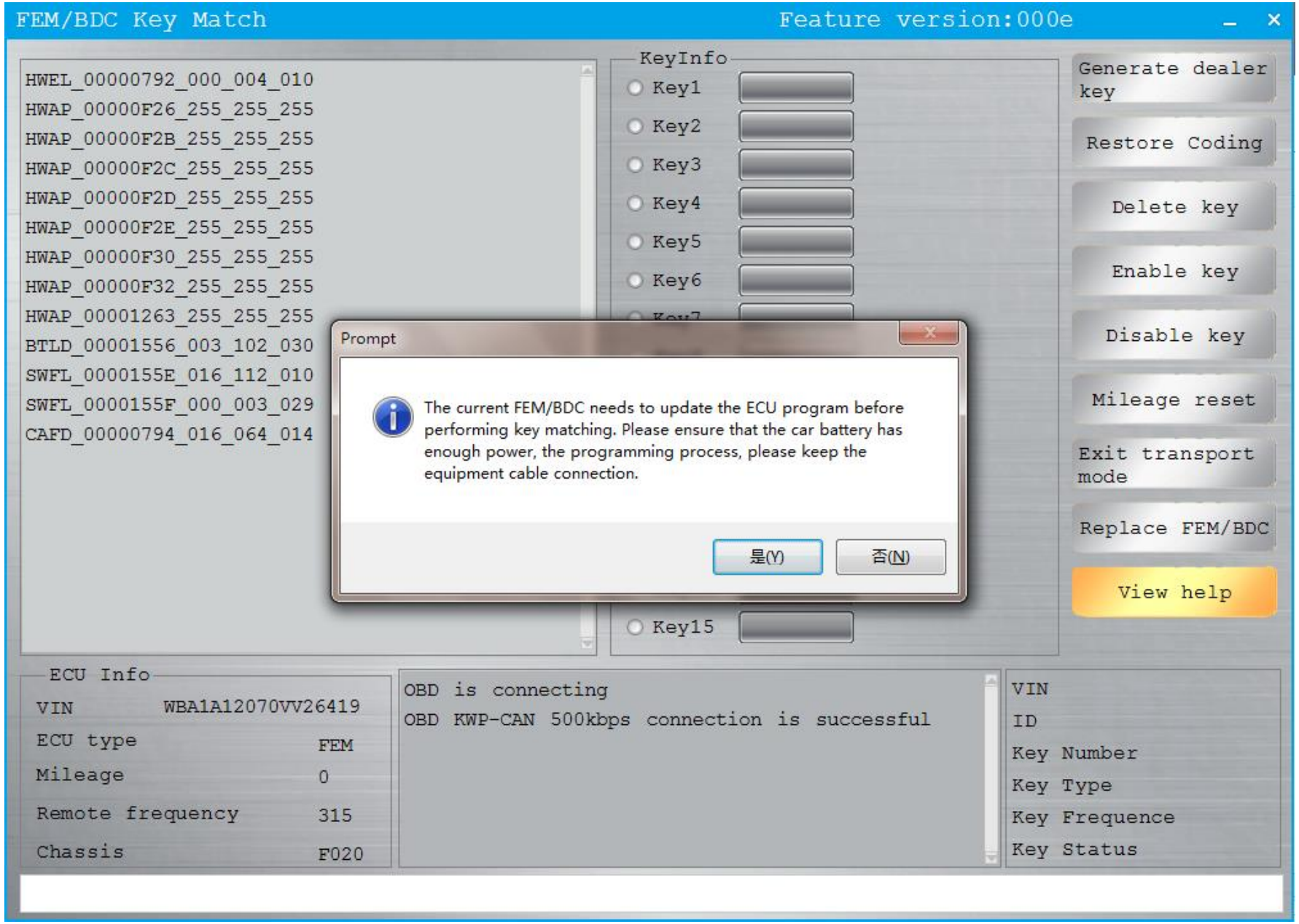
2.Copy key without key

CG-DI

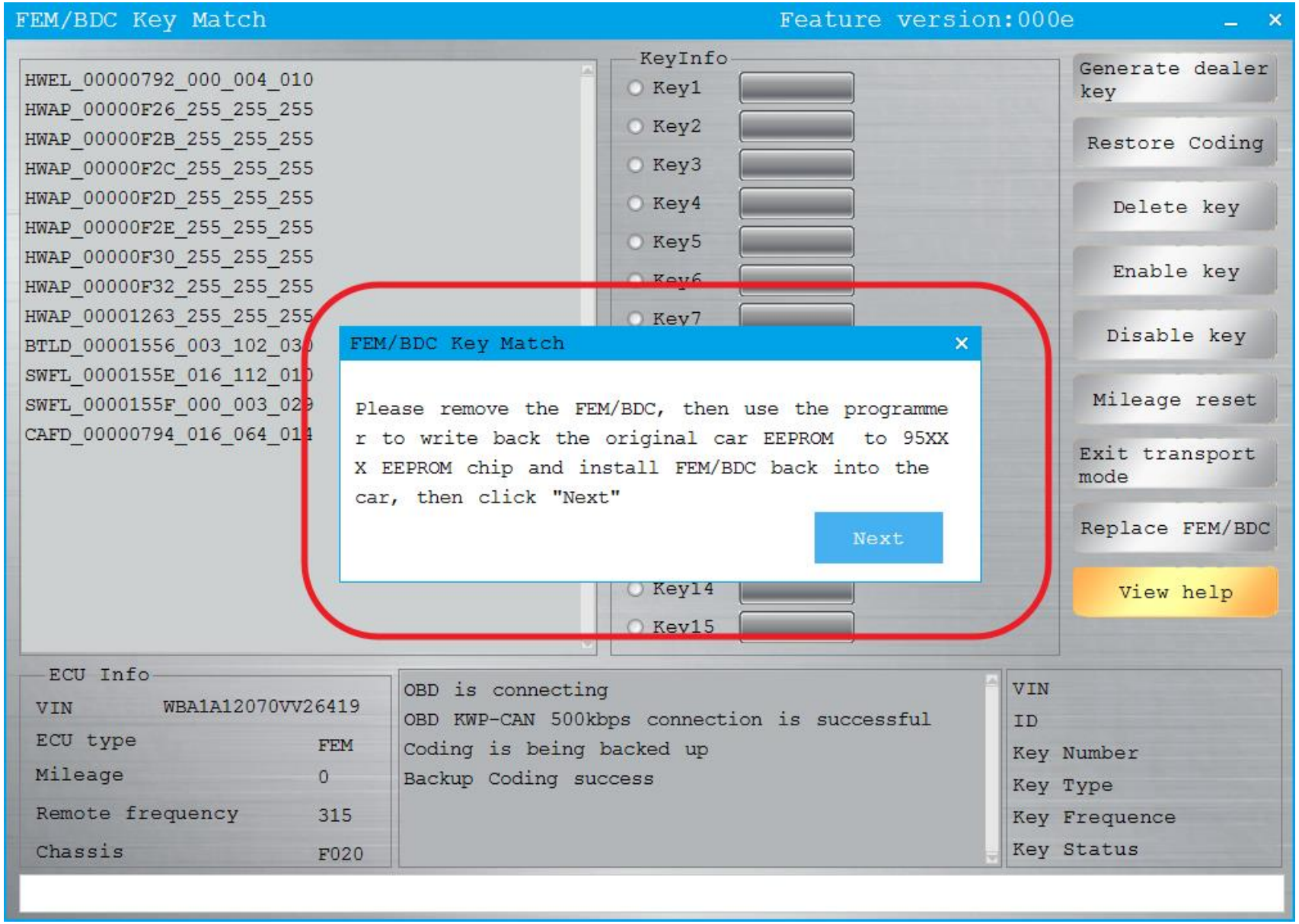
Open the car door, OBD connects the vehicle and equipment, the vehicle maintains voltage above 12v , do not turn off the computer screen during operation.



Select "FEM/BDC key match" and click enter

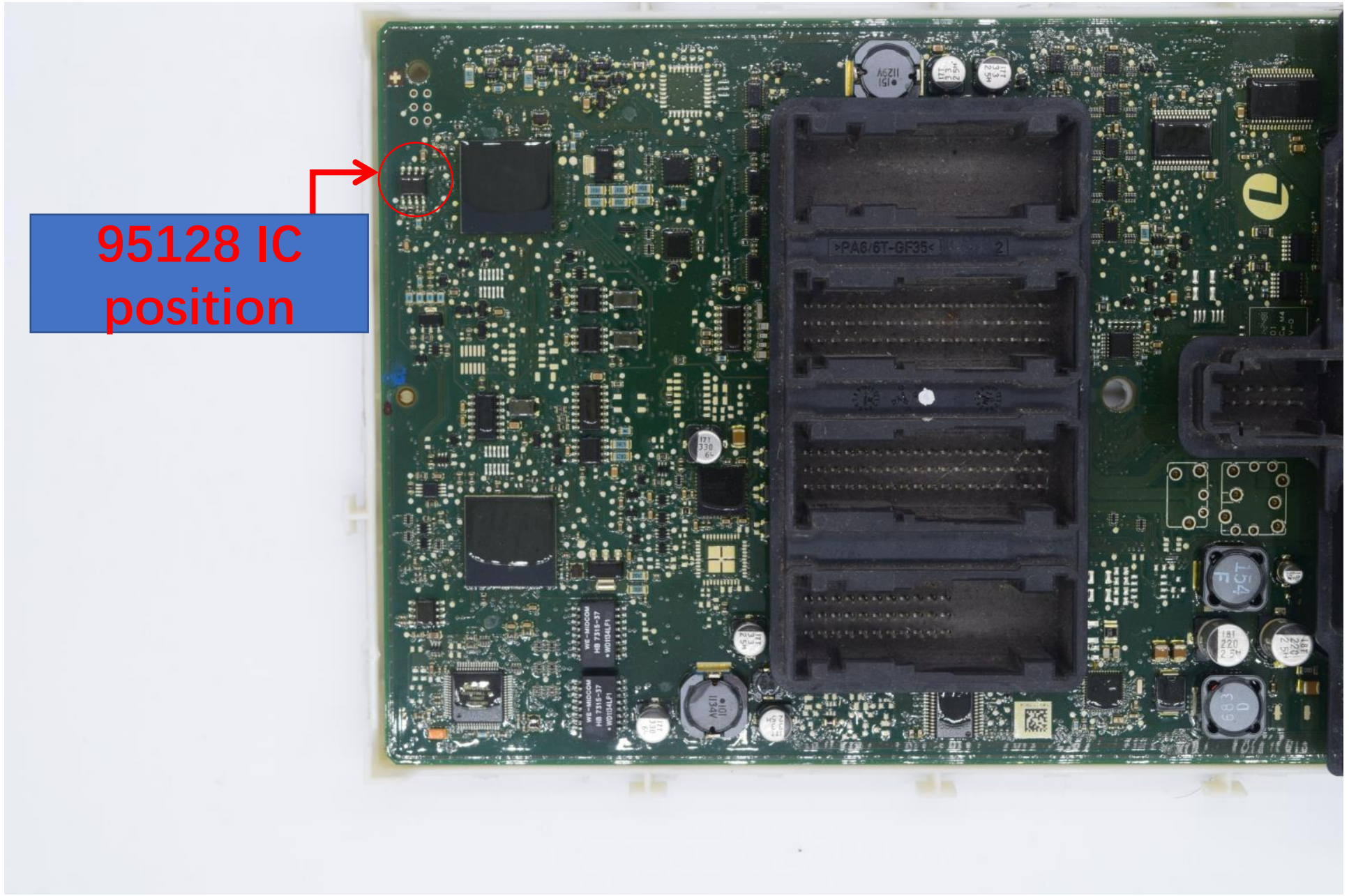


Connect successfully, maintain enough voltage, click "yes"



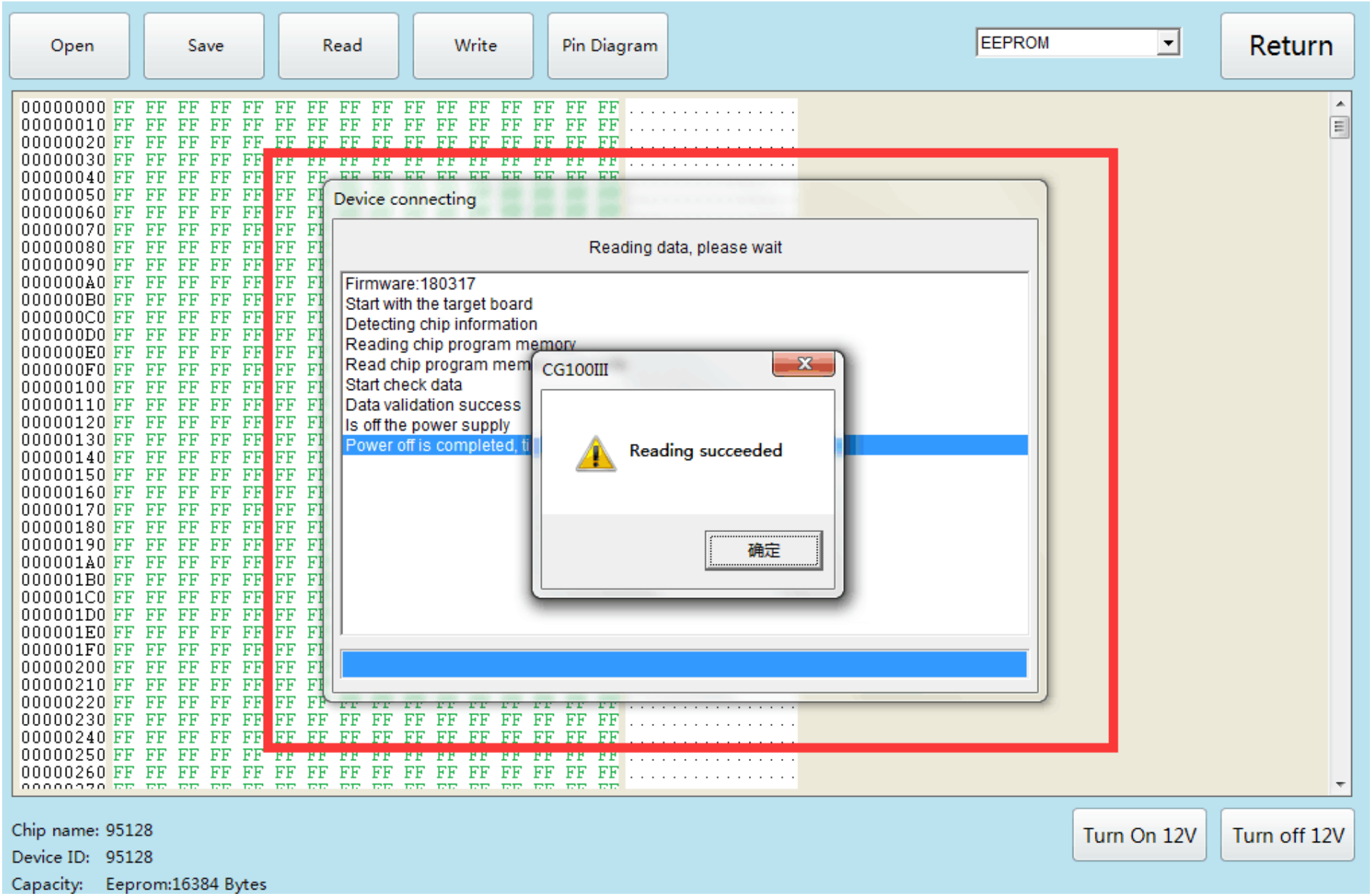
Need to disassemble the module, read EEPROM data, FEM is 95128

FEM module installation location

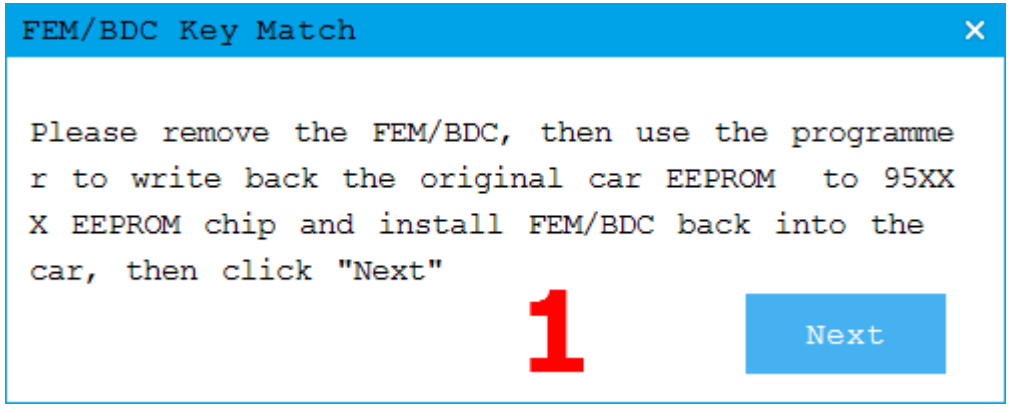

95128 IC position

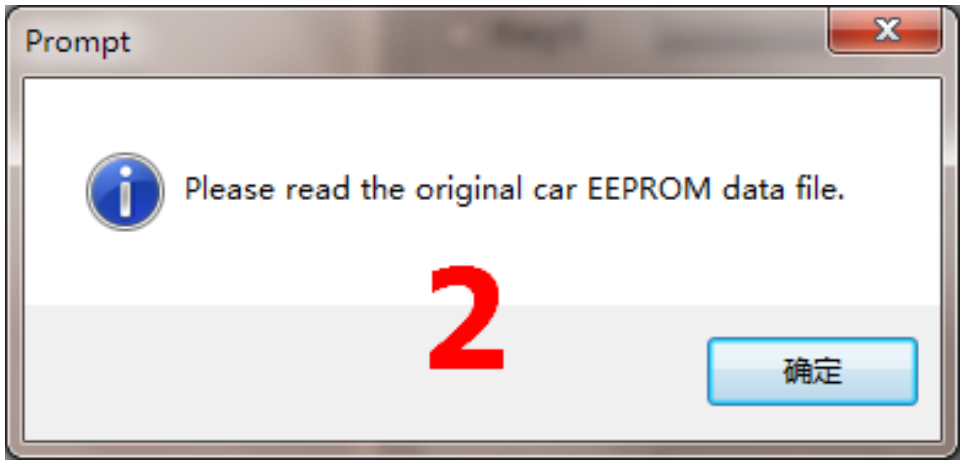
Use CG-100 to read out 95128 IC data and save the data

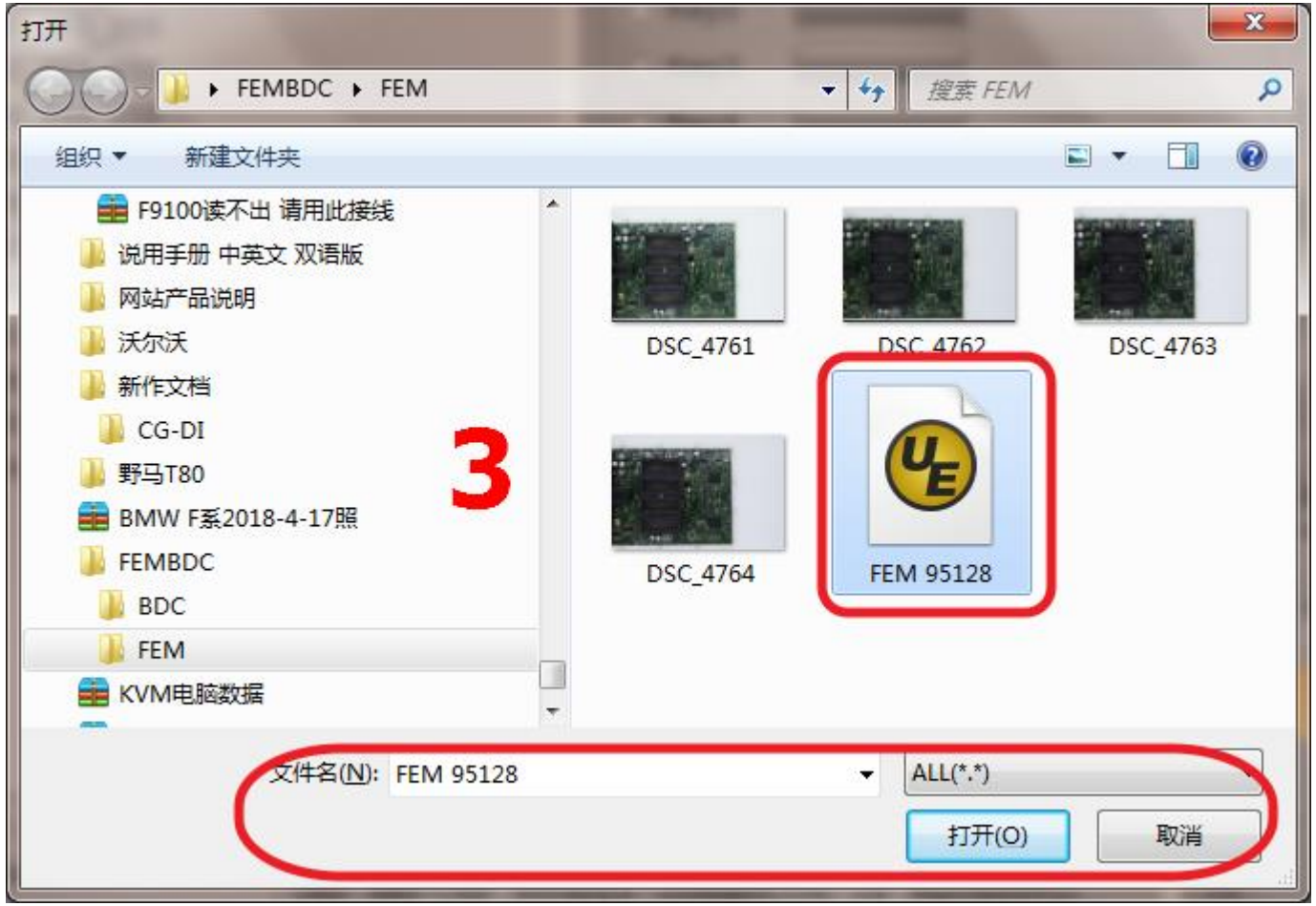
Remove the 95128 chip, wash it, and clip it to the ATMEGA adapter



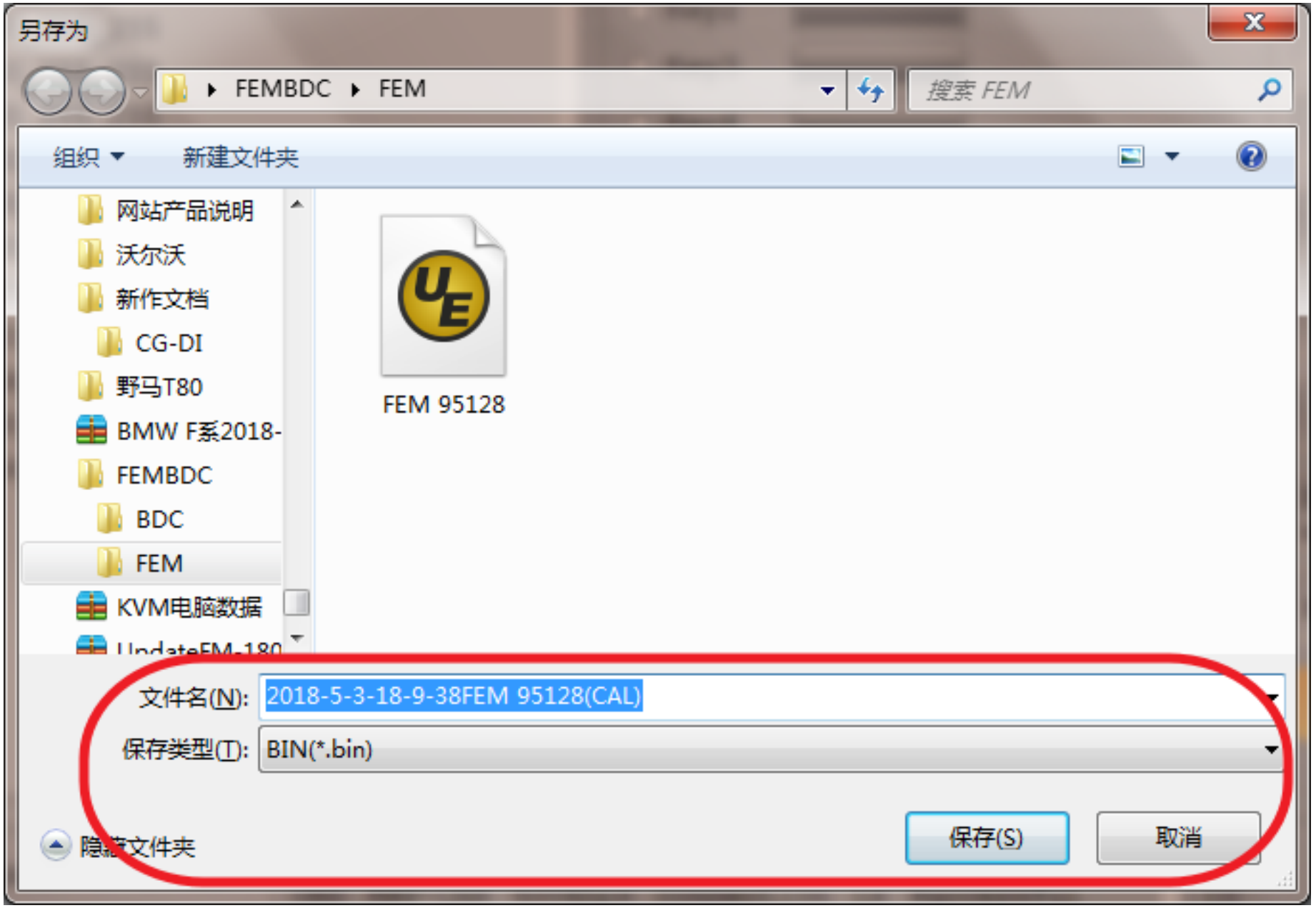
Open the CG-100 to read the data and save it



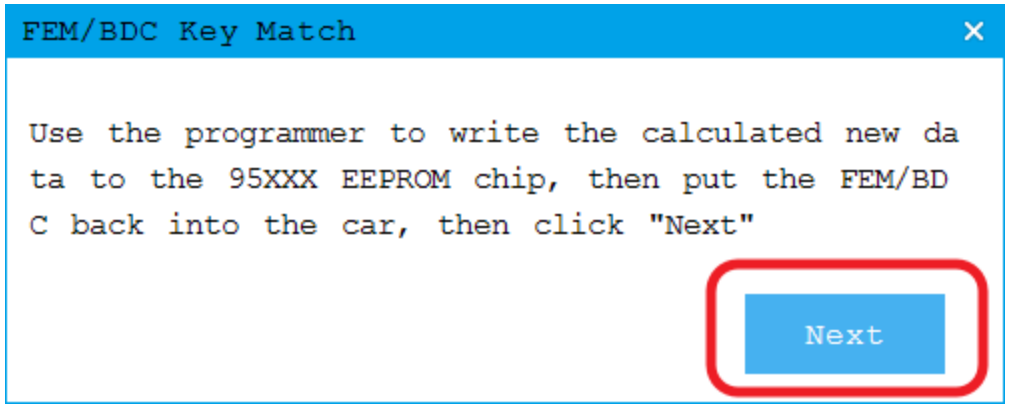


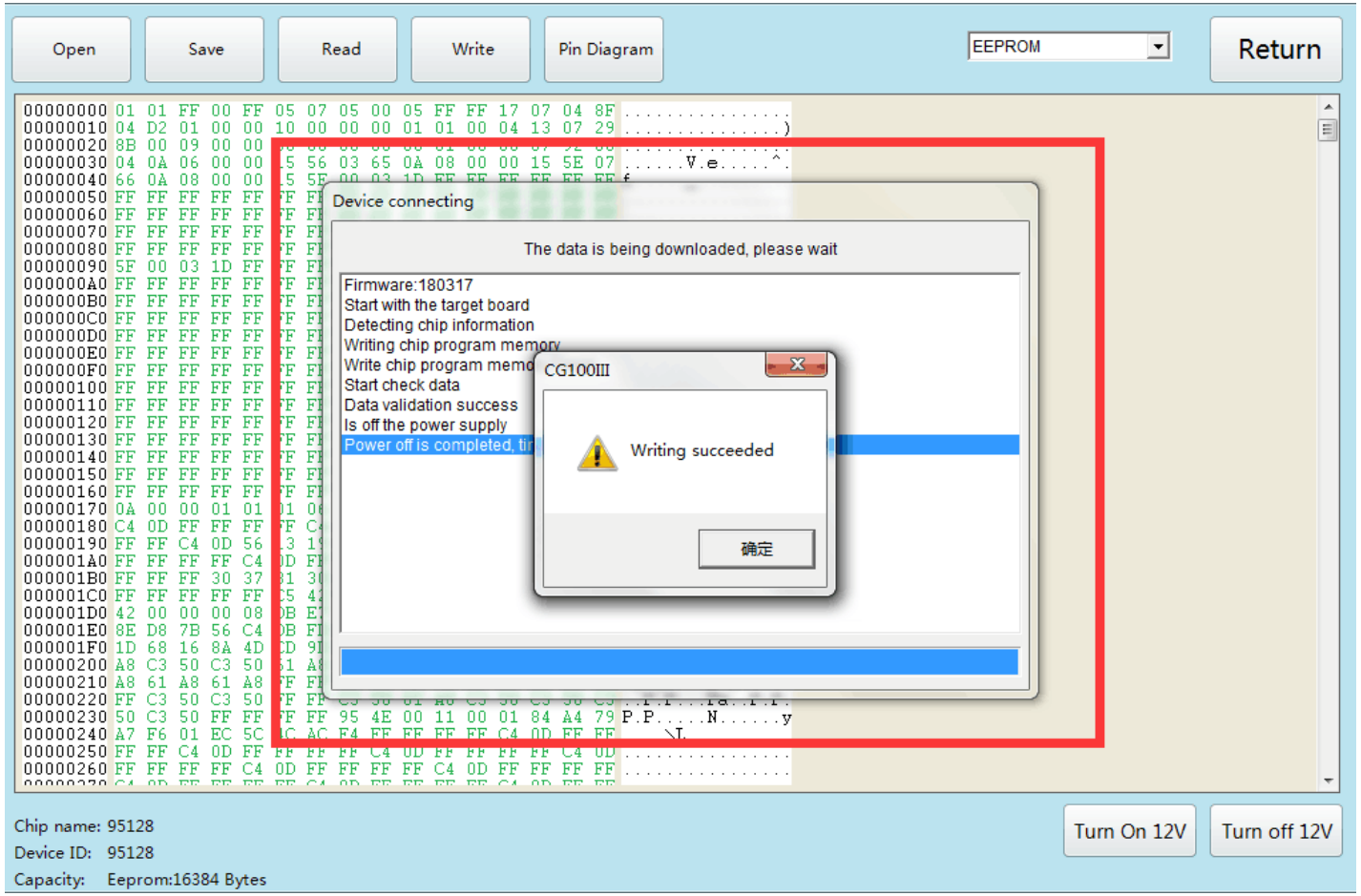


Go back to cg-di and load the data

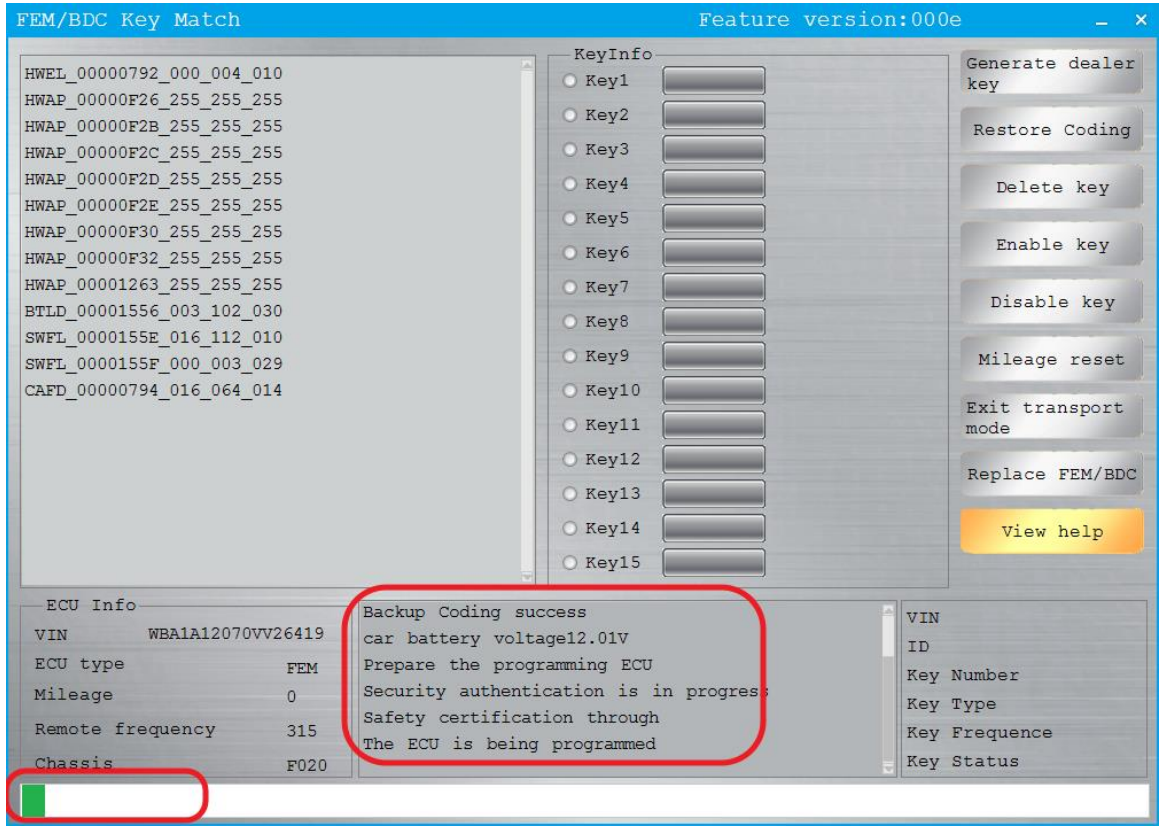


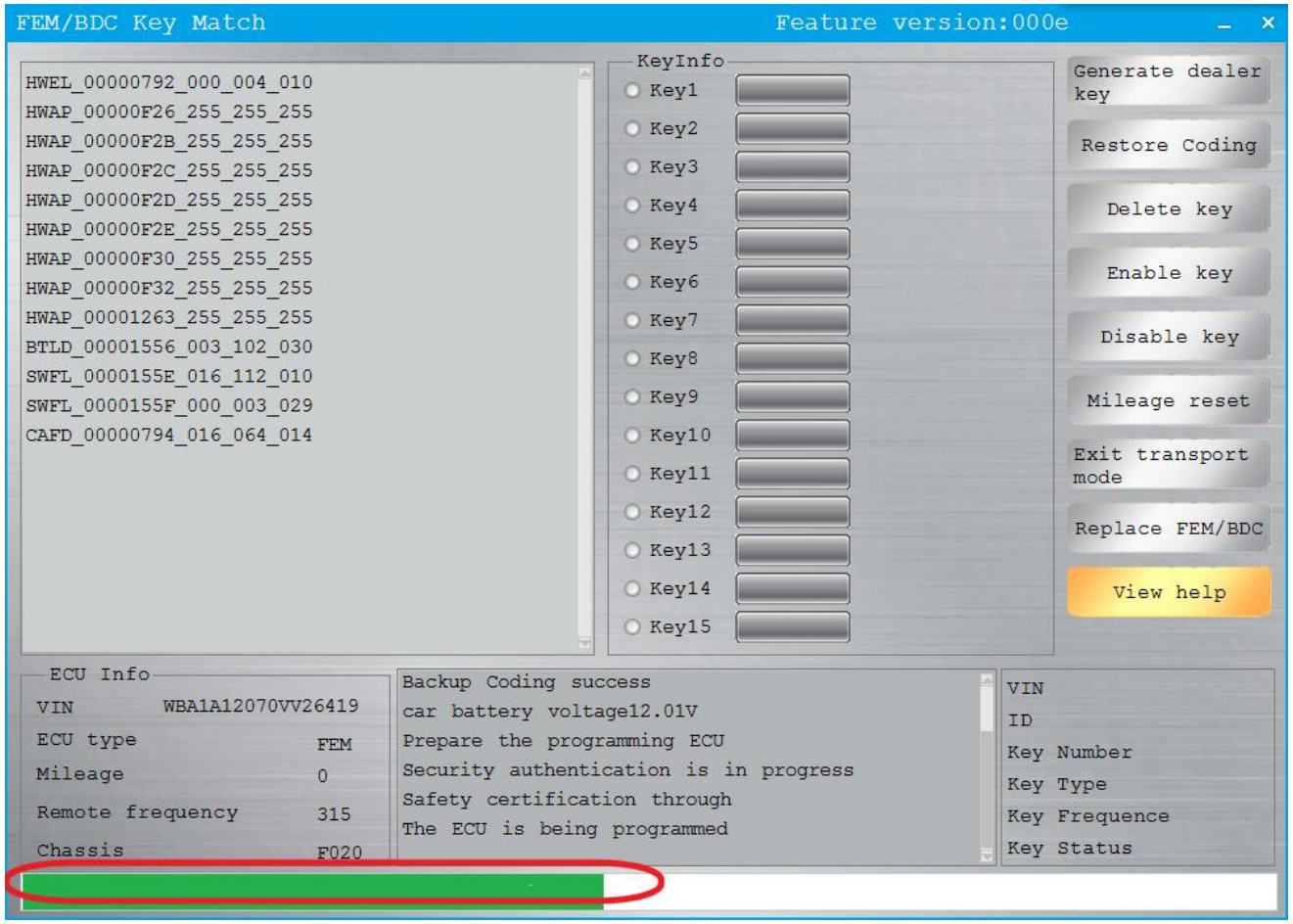
Load successfully, save the new data generated by the system



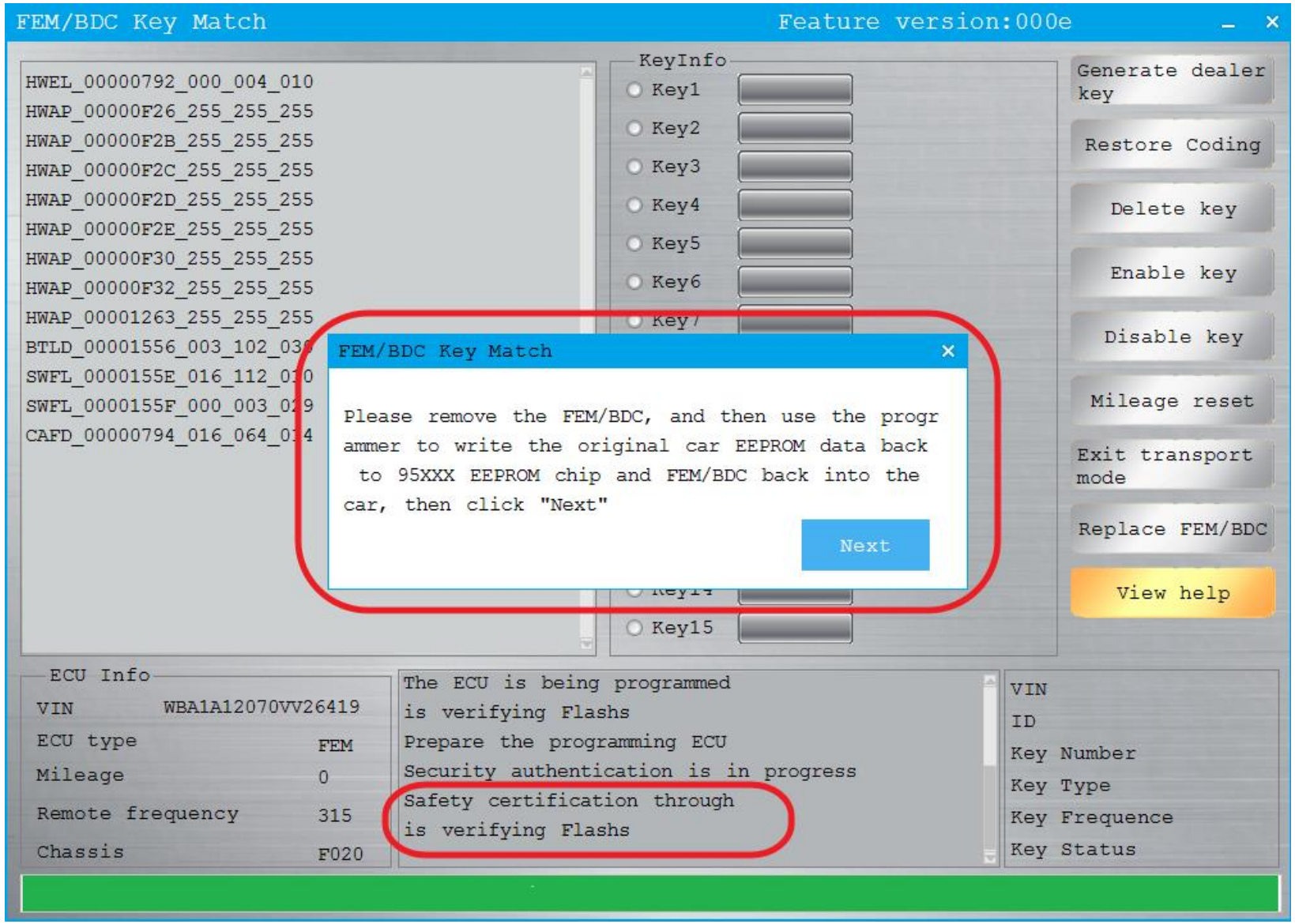


Write back new data with cg-100, weld back to module, and click next

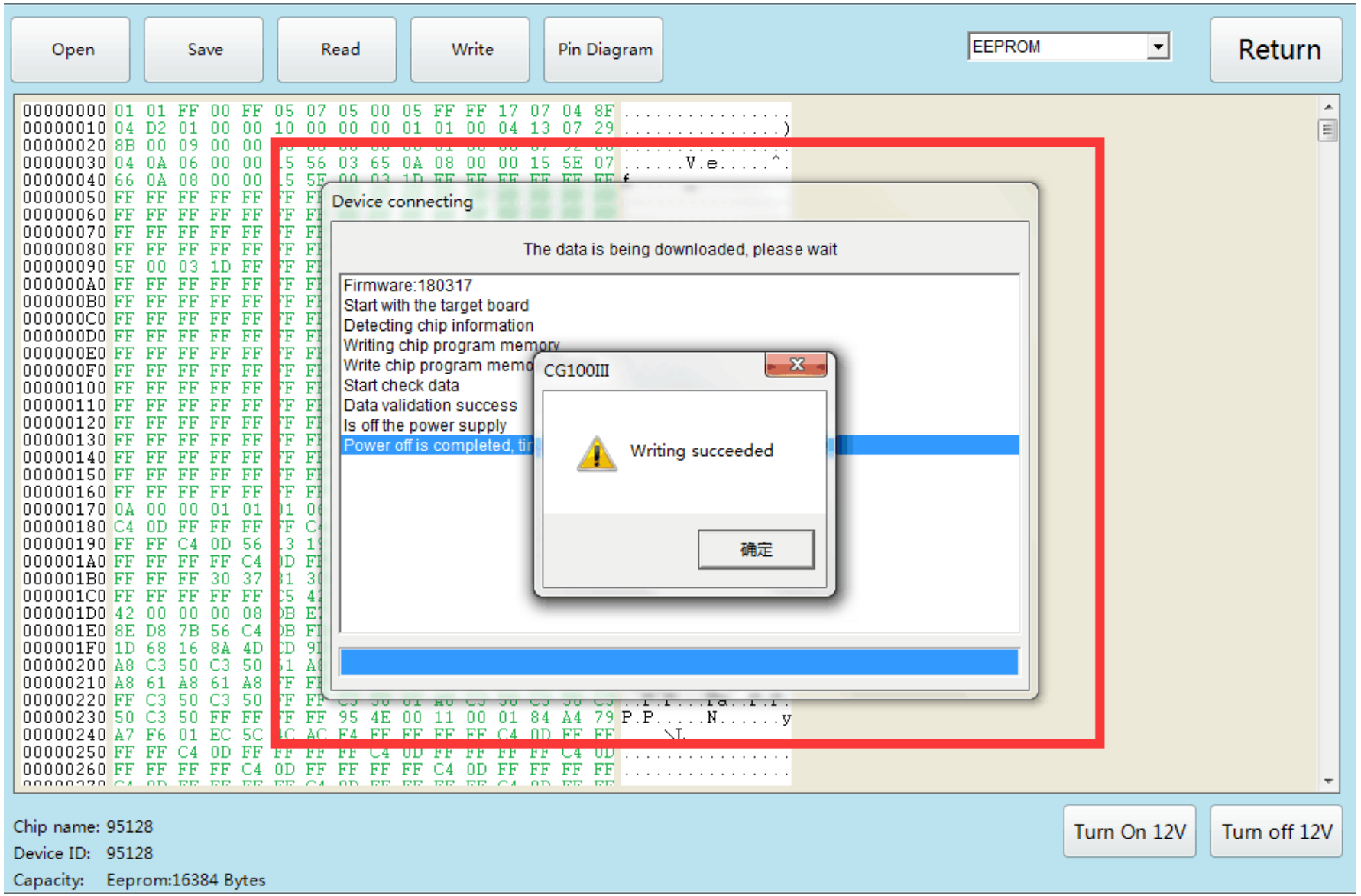




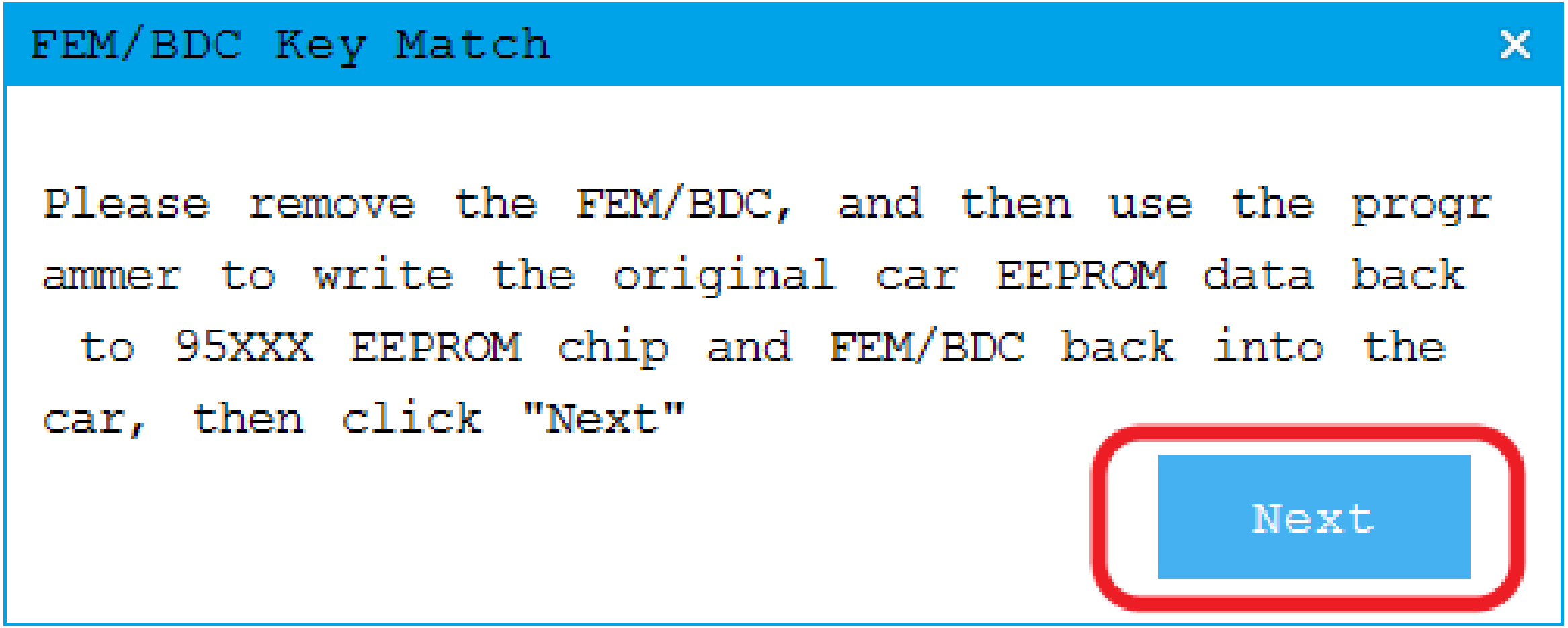
Waiting for programming



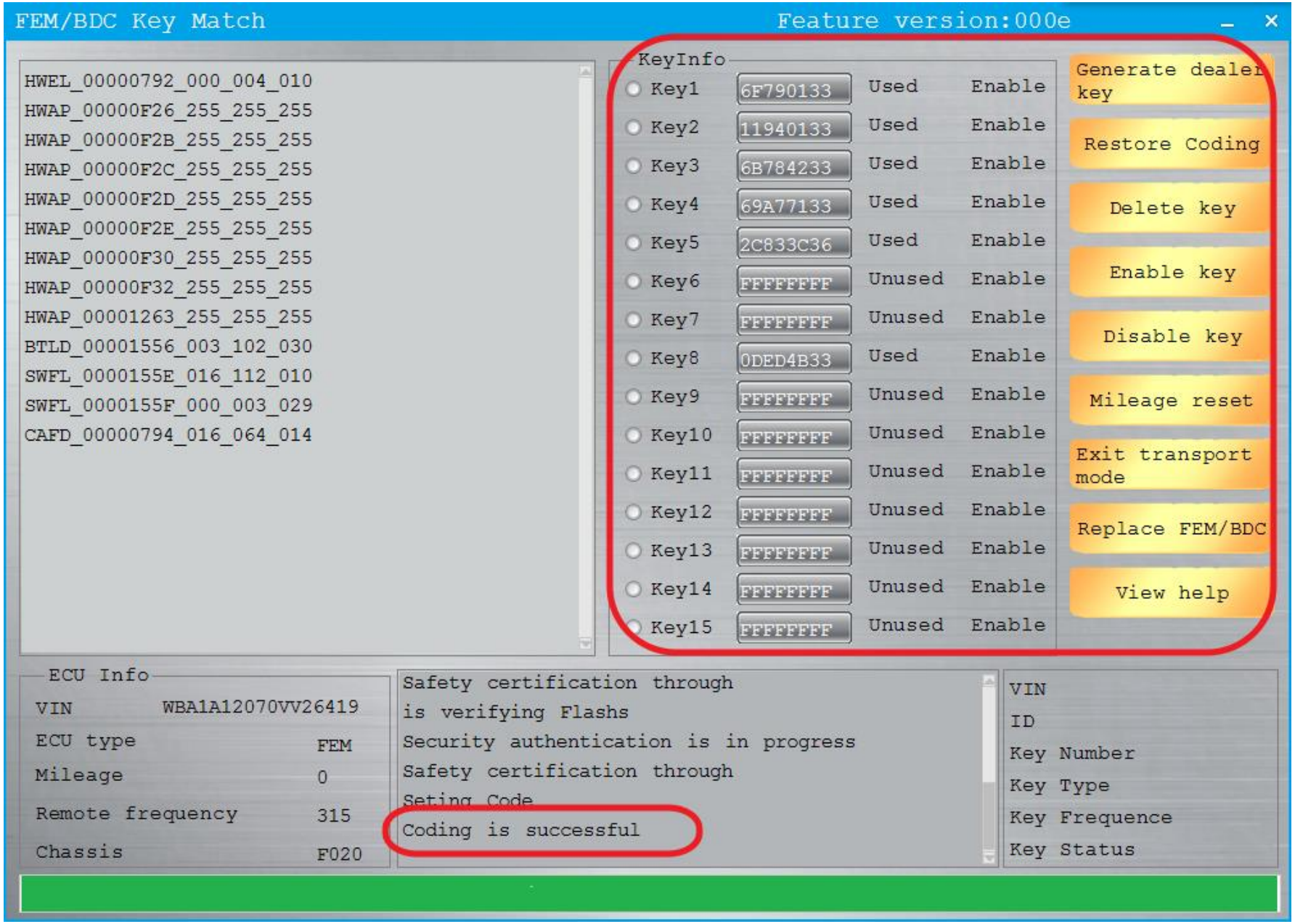
After programming, write back 95128 original data, put FEM into the car again, and click next



Use CG-100 to write back 95128 original data

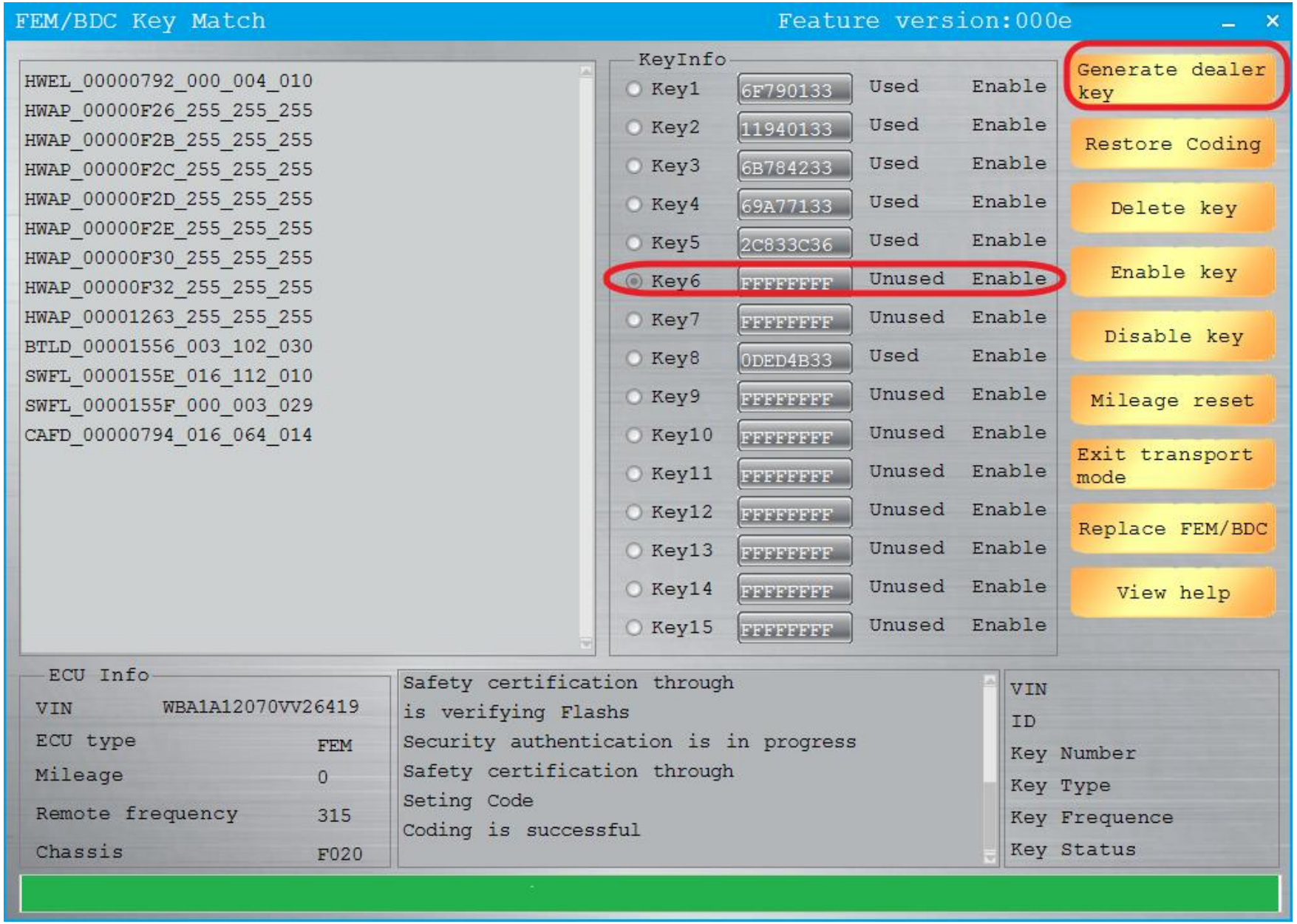


When finished, click "next"

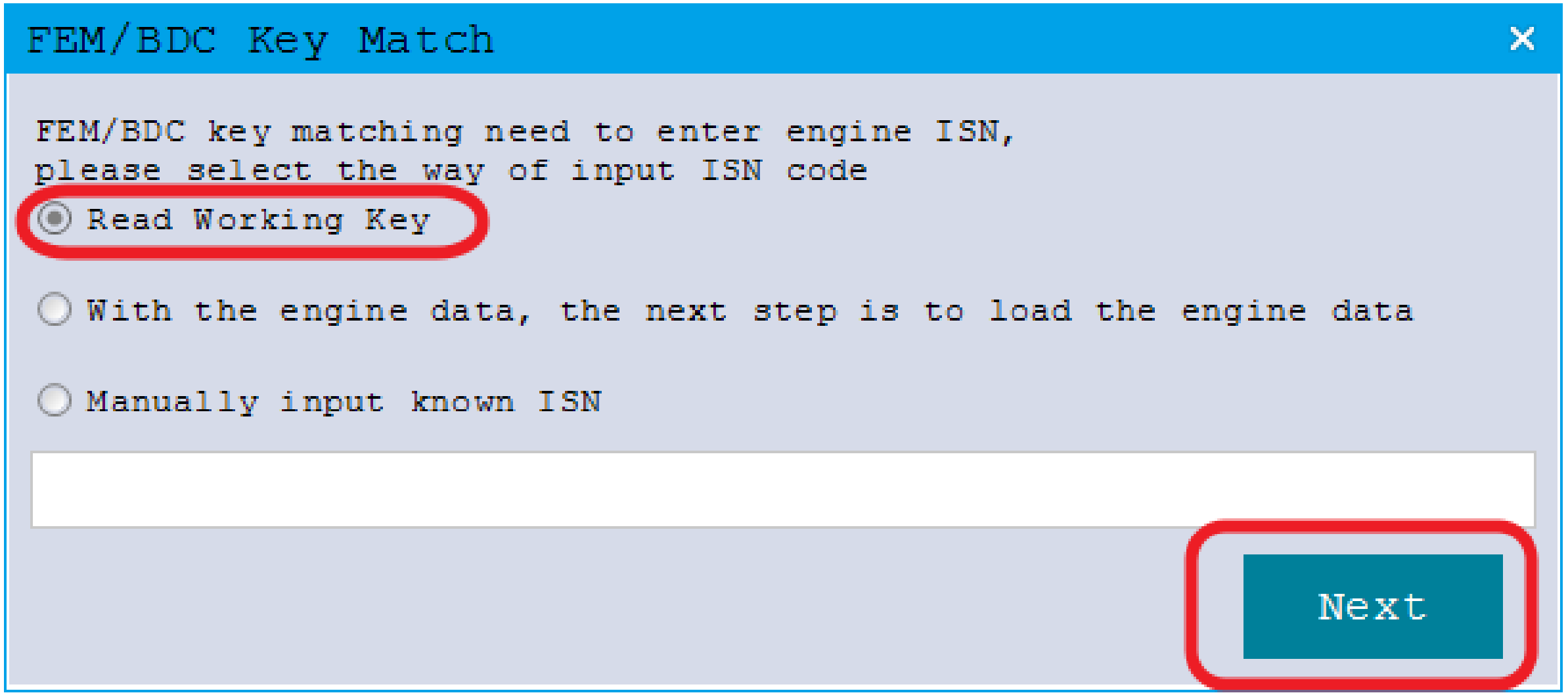


Set code successfully, customers can do any operation

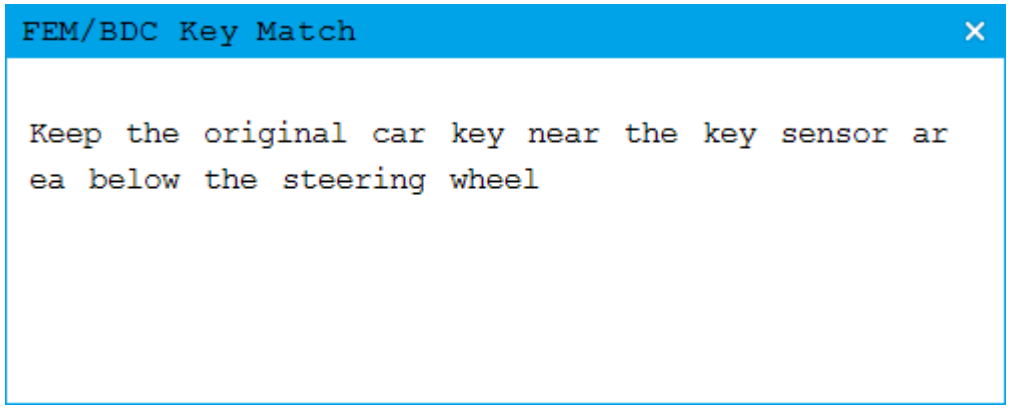
Copy key with key

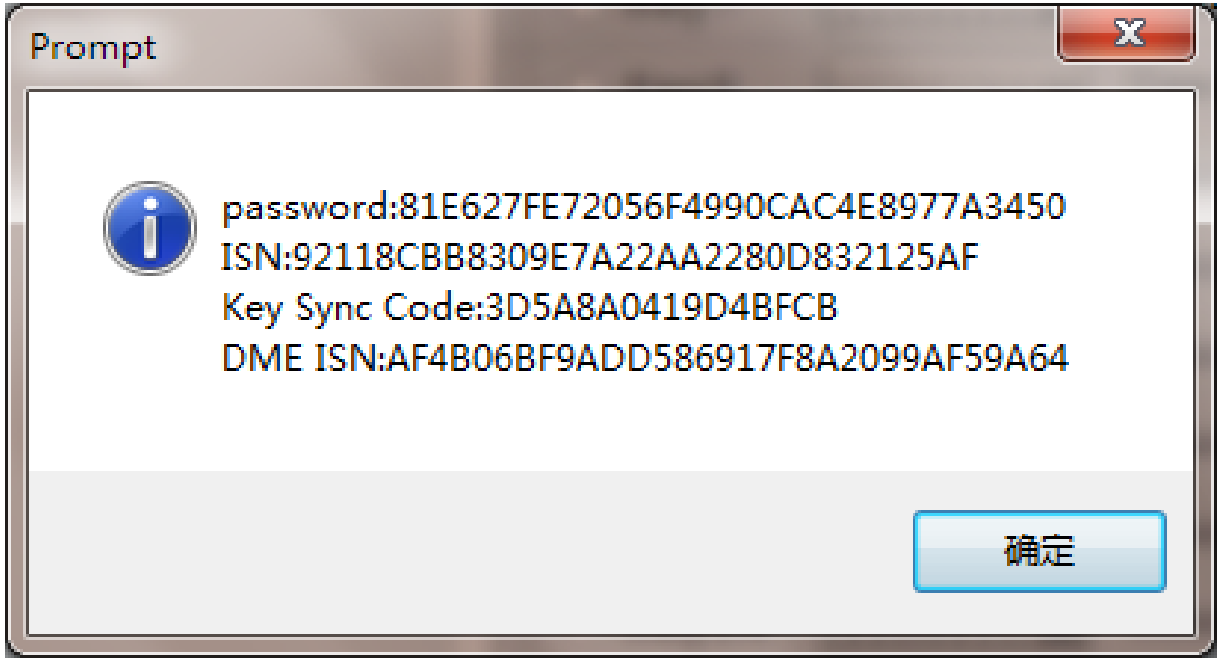


choose the unused key, and click "generate the dealer key"



Read working key,click Next





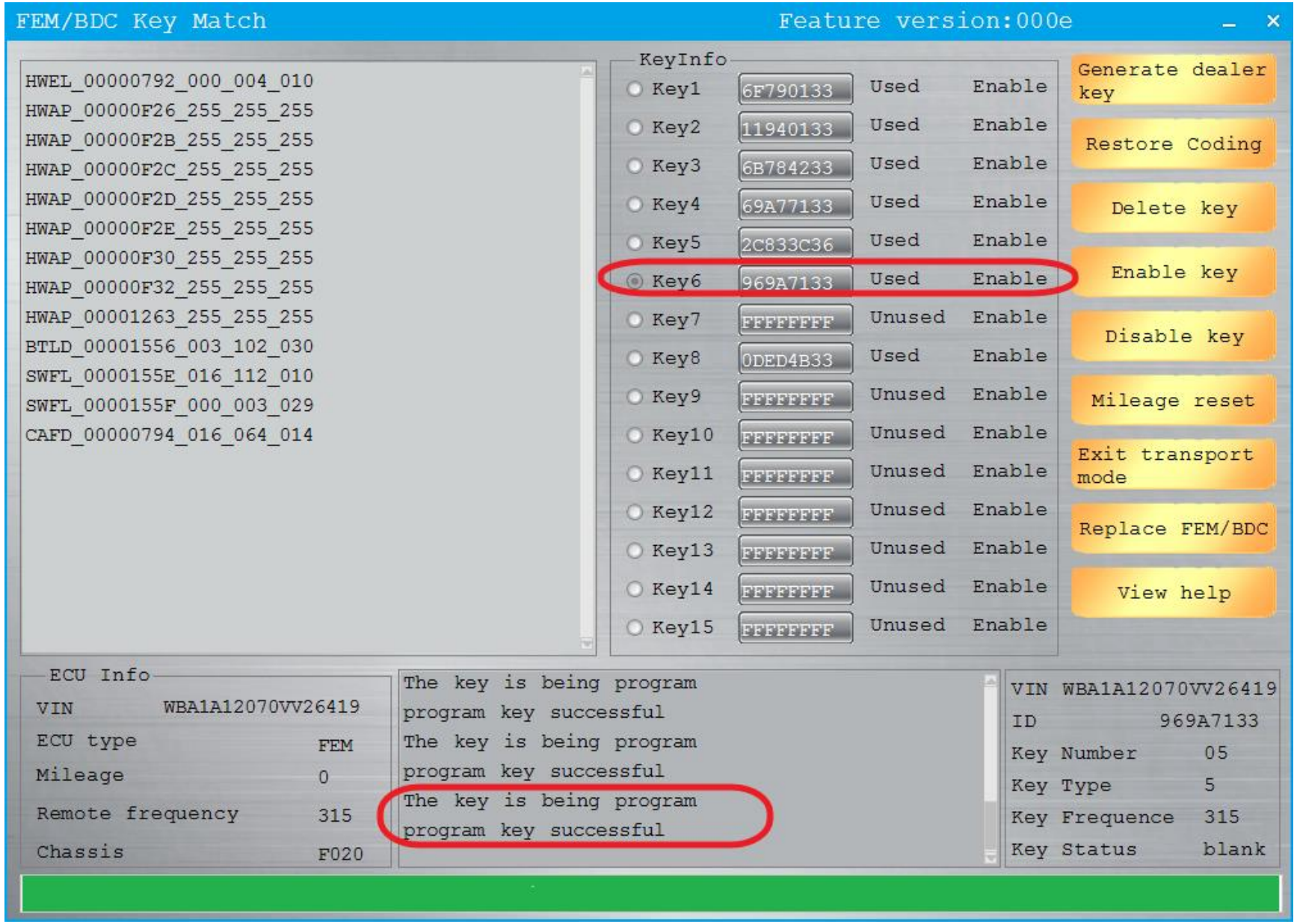
Read successfully and display information

FEM/BDC Key Match

Keep the new key near the key sensor area below the steering wheel

Next

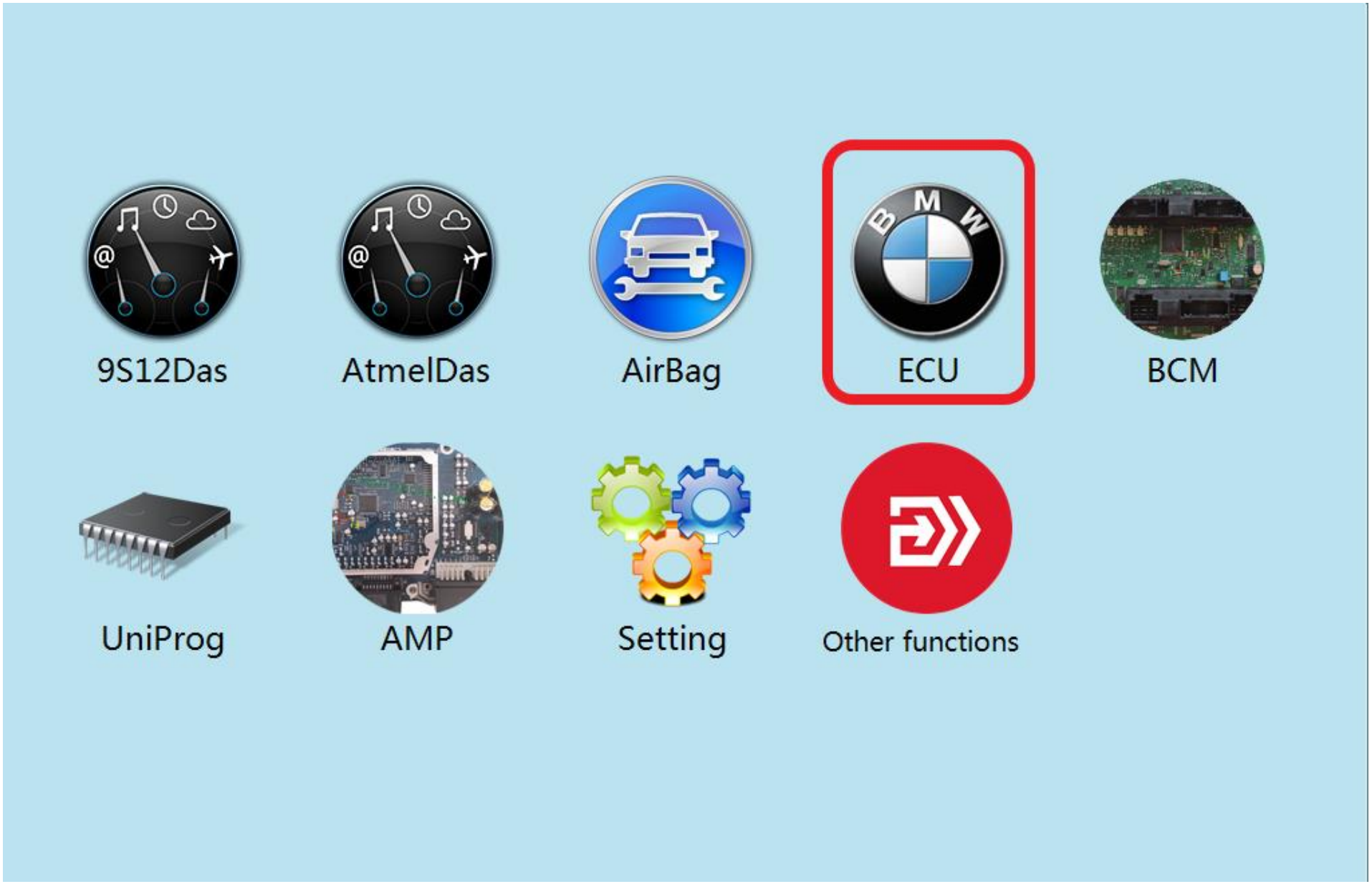
Match the new key



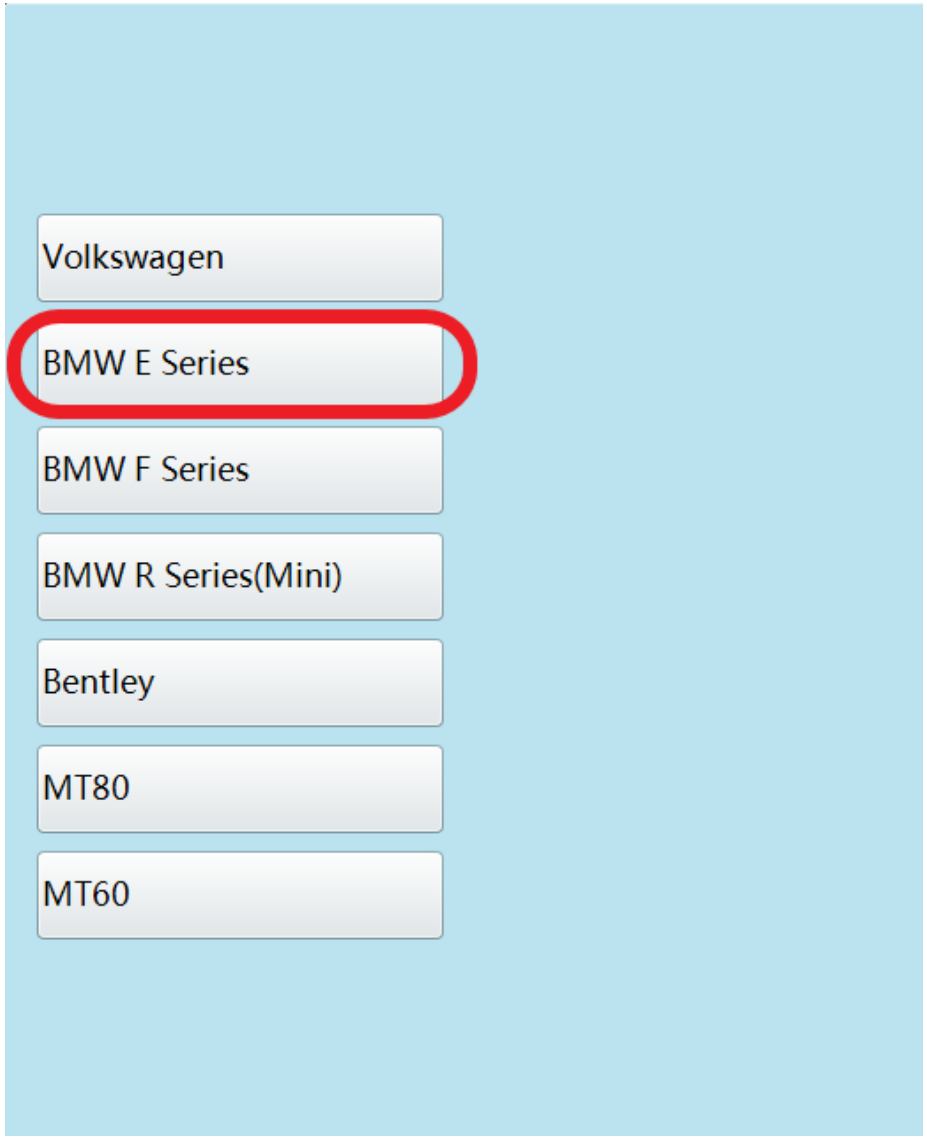
The new key matched successfully

Copy key without key

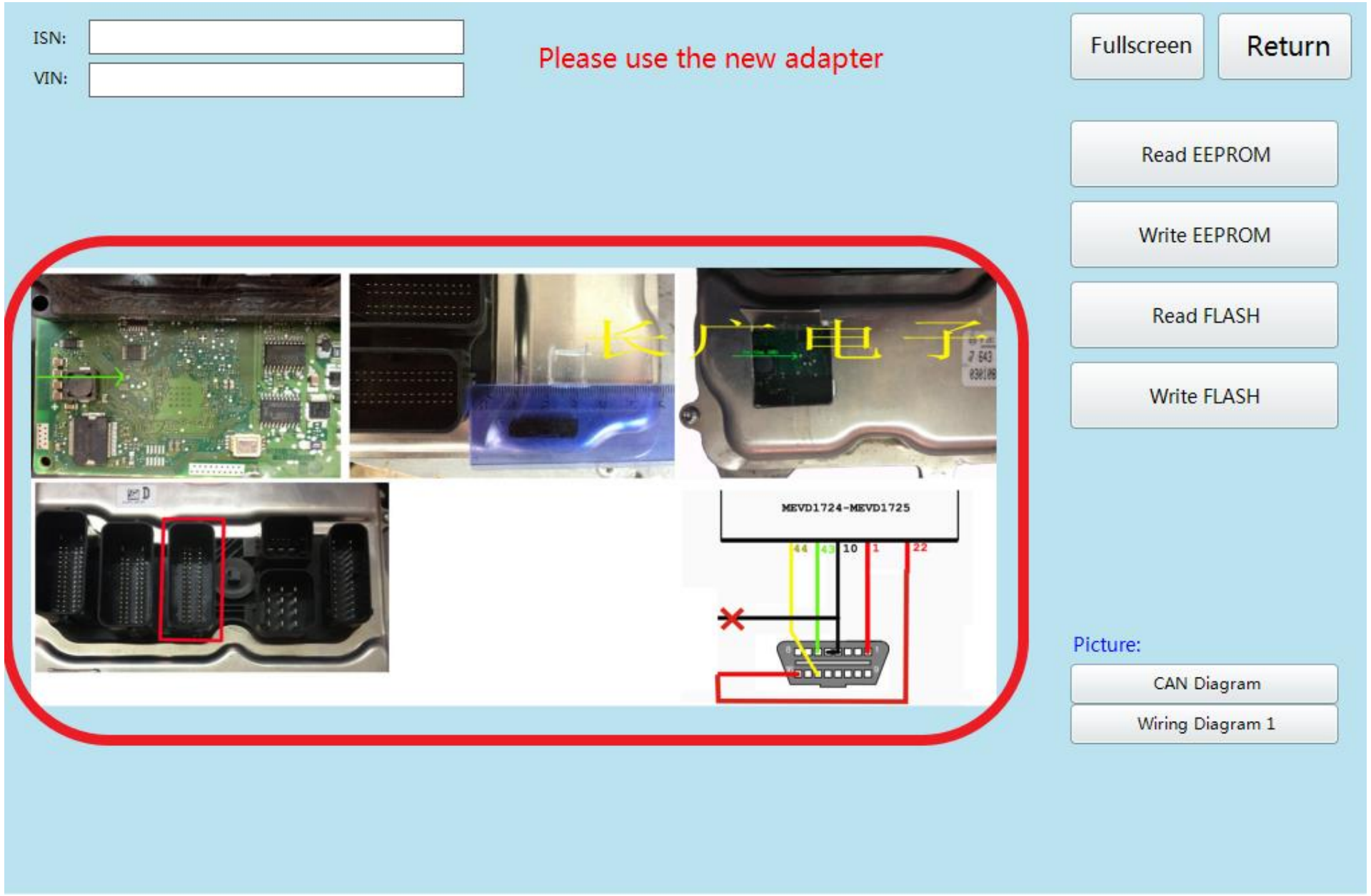
Using CG – 100
Read the engine data



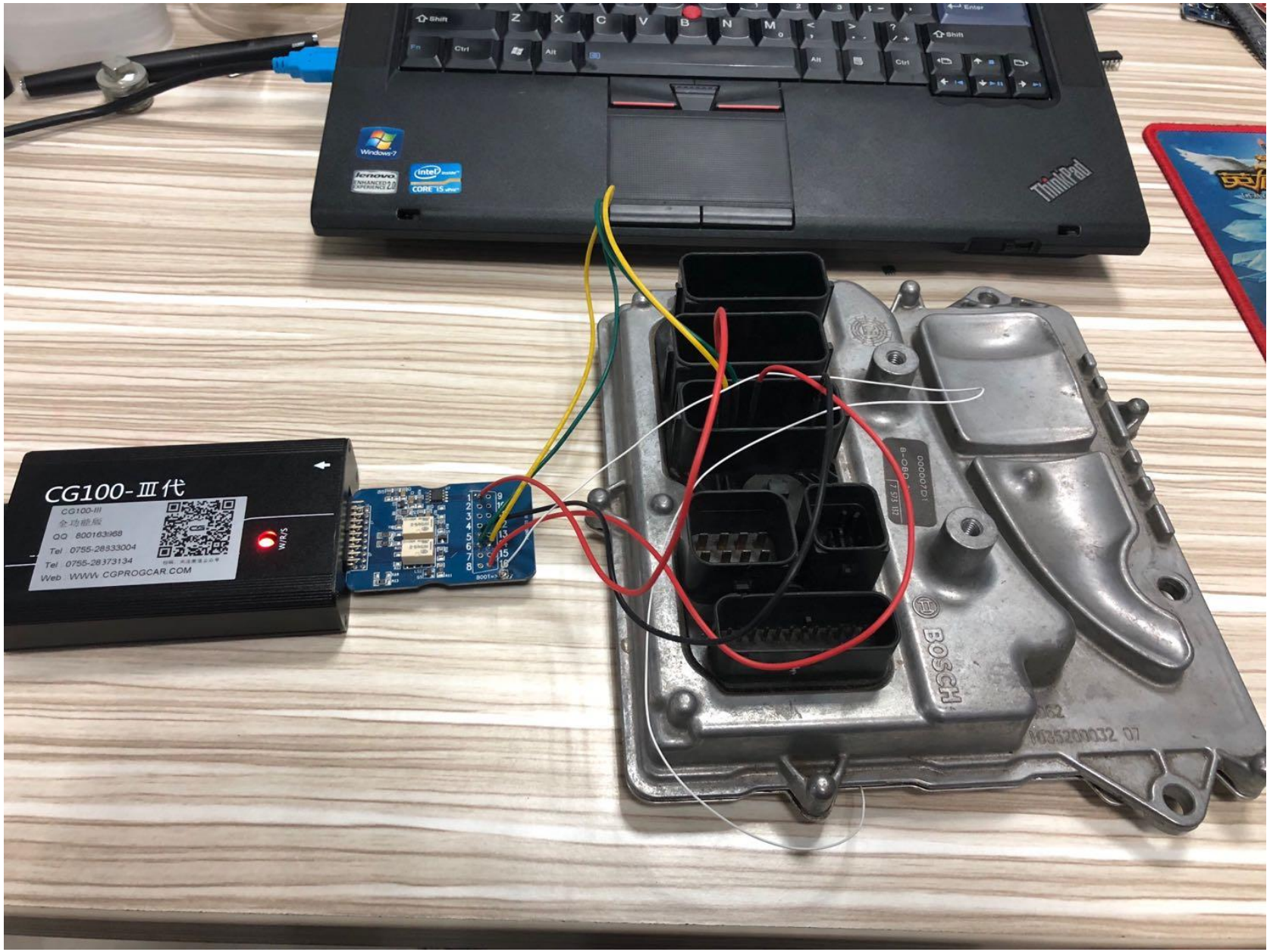
Click to enter "ECU"



Click on the engine model option to enter the current vehicle



According to the software physical wiring diagram wiring



Physical connection

ISN:

VIN:

Please use the new adapter

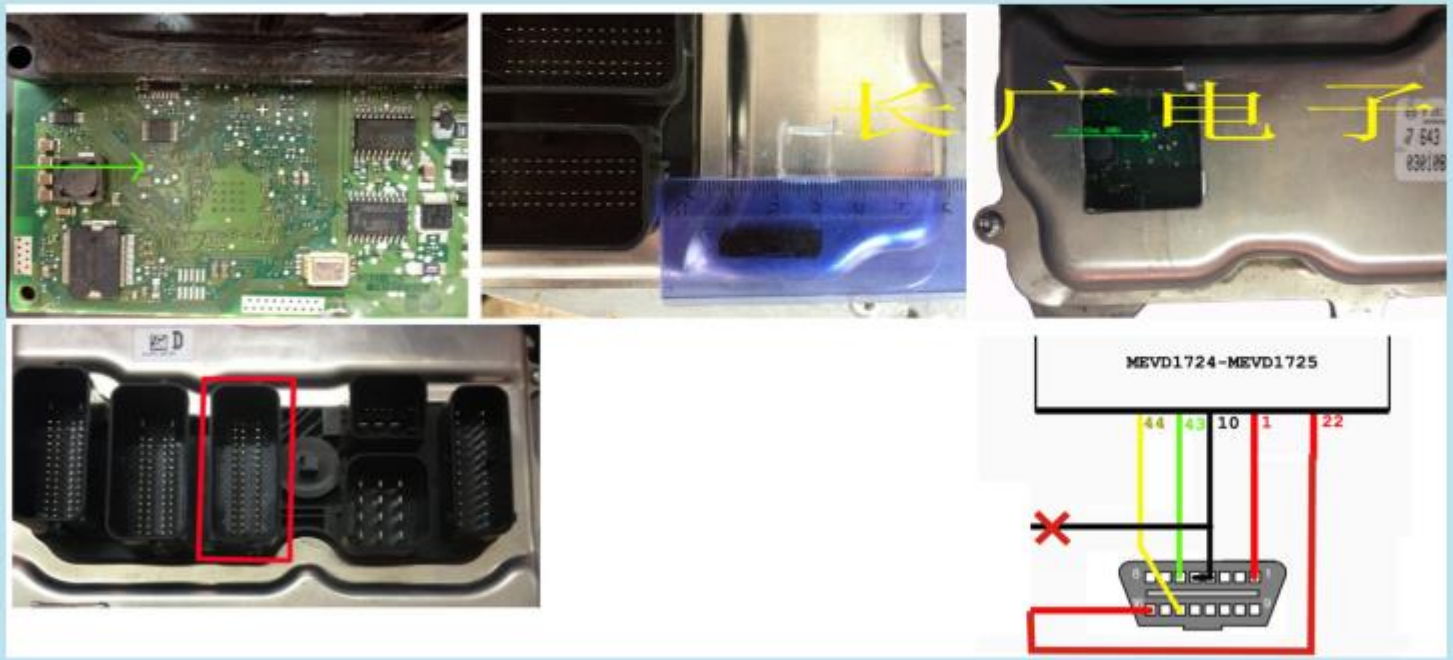
Fullscreen | Return

Read EEPROM

Write EEPROM

Read FLASH

Write FLASH

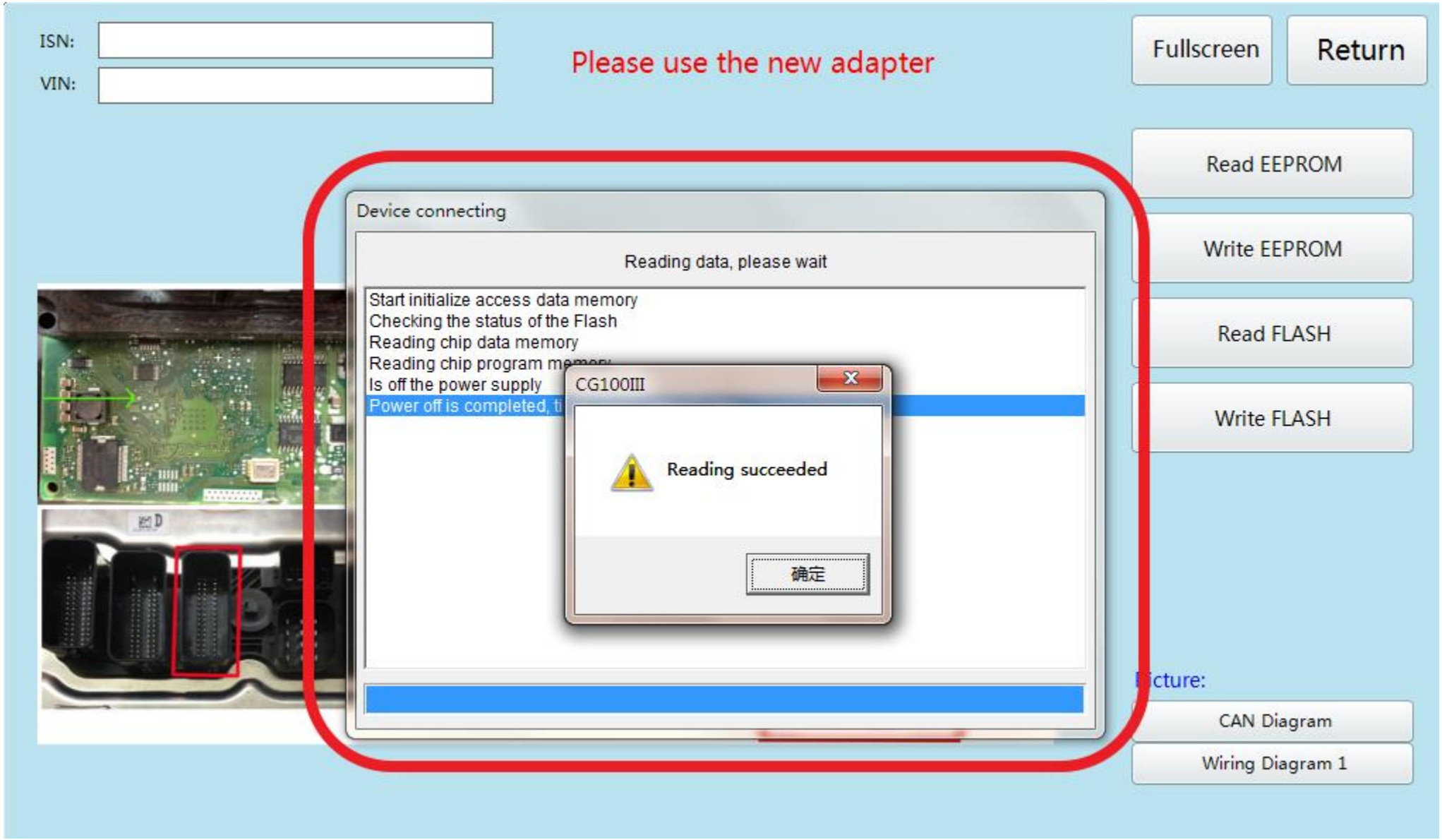


Picture:

CAN Diagram

Wiring Diagram 1

Click read EEPROM



Read successfully and save the data

ISN: AF4B06BF9ADD586917F8A2099AF59A64

VIN: SCBFN63W1EC094039

Please use the new adapter

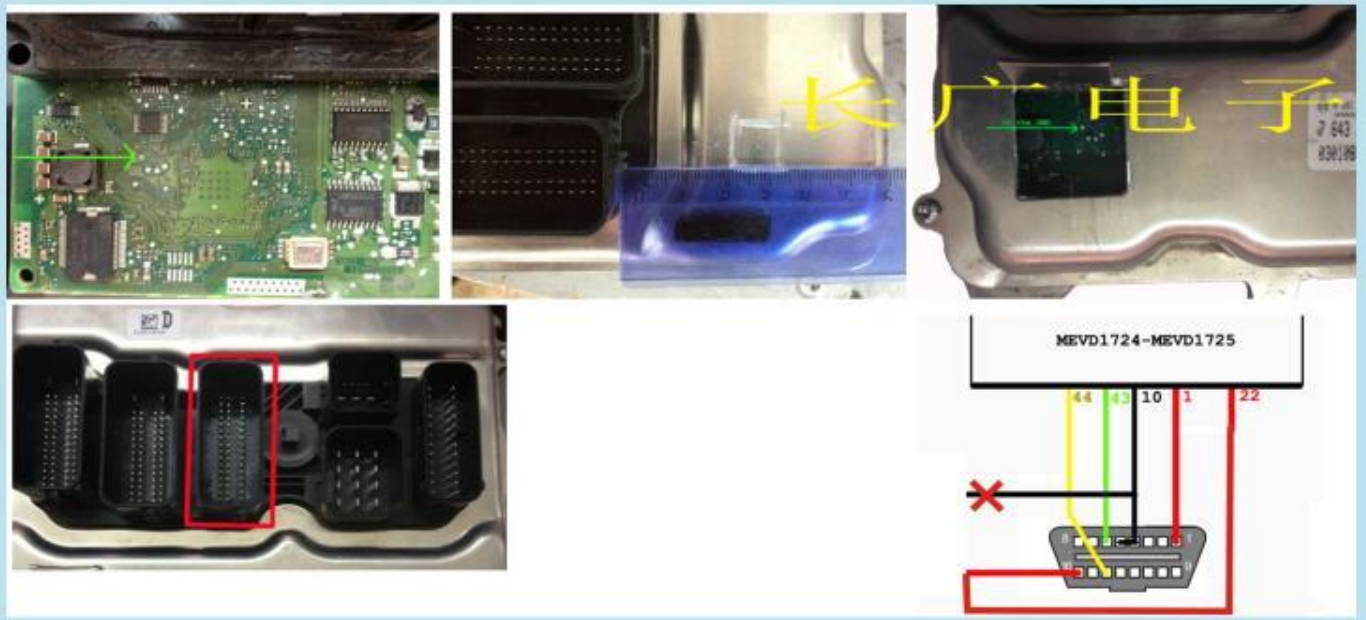
Fullscreen | Return

Read EEPROM

Write EEPROM

Read FLASH

Write FLASH

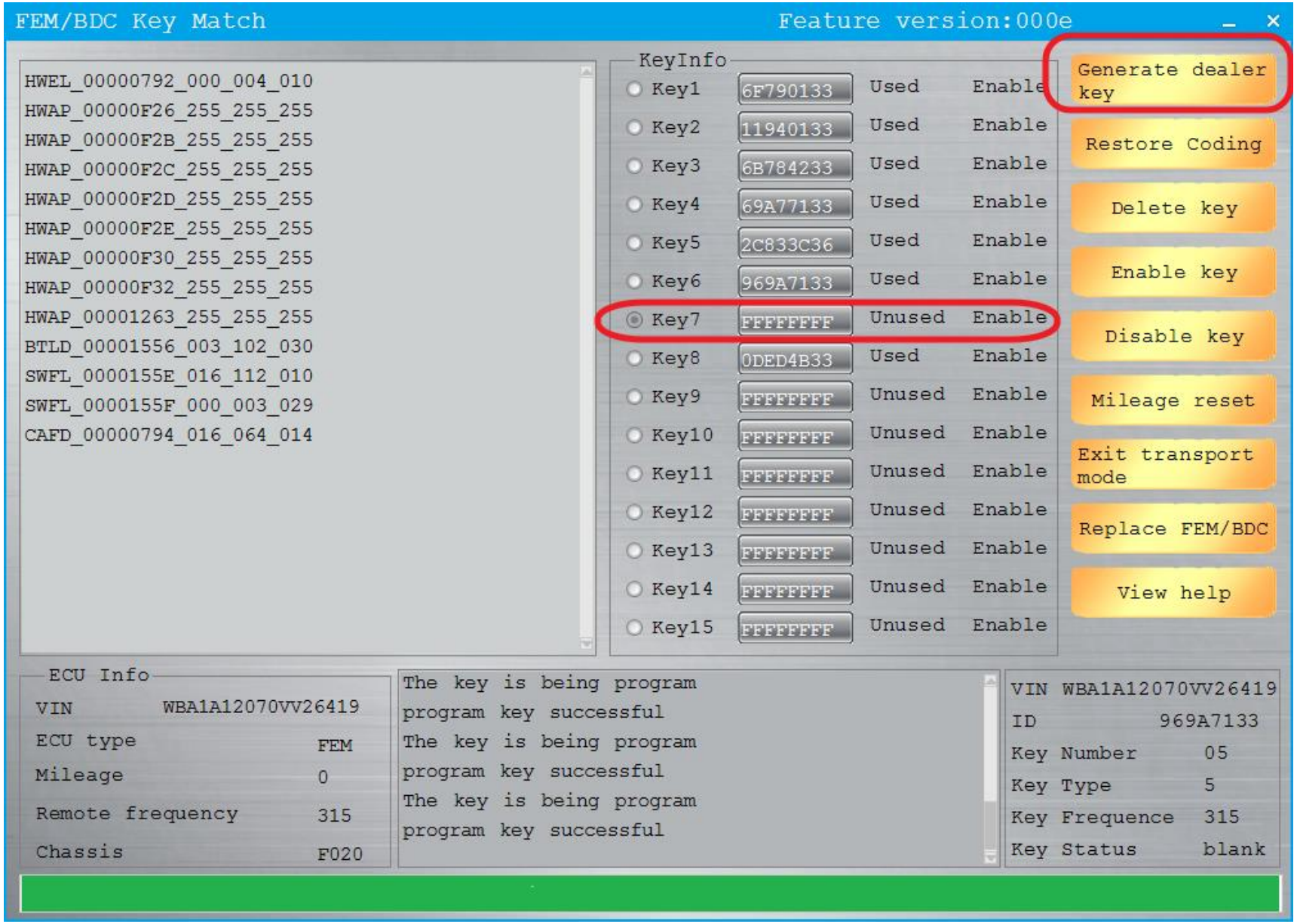


Picture:

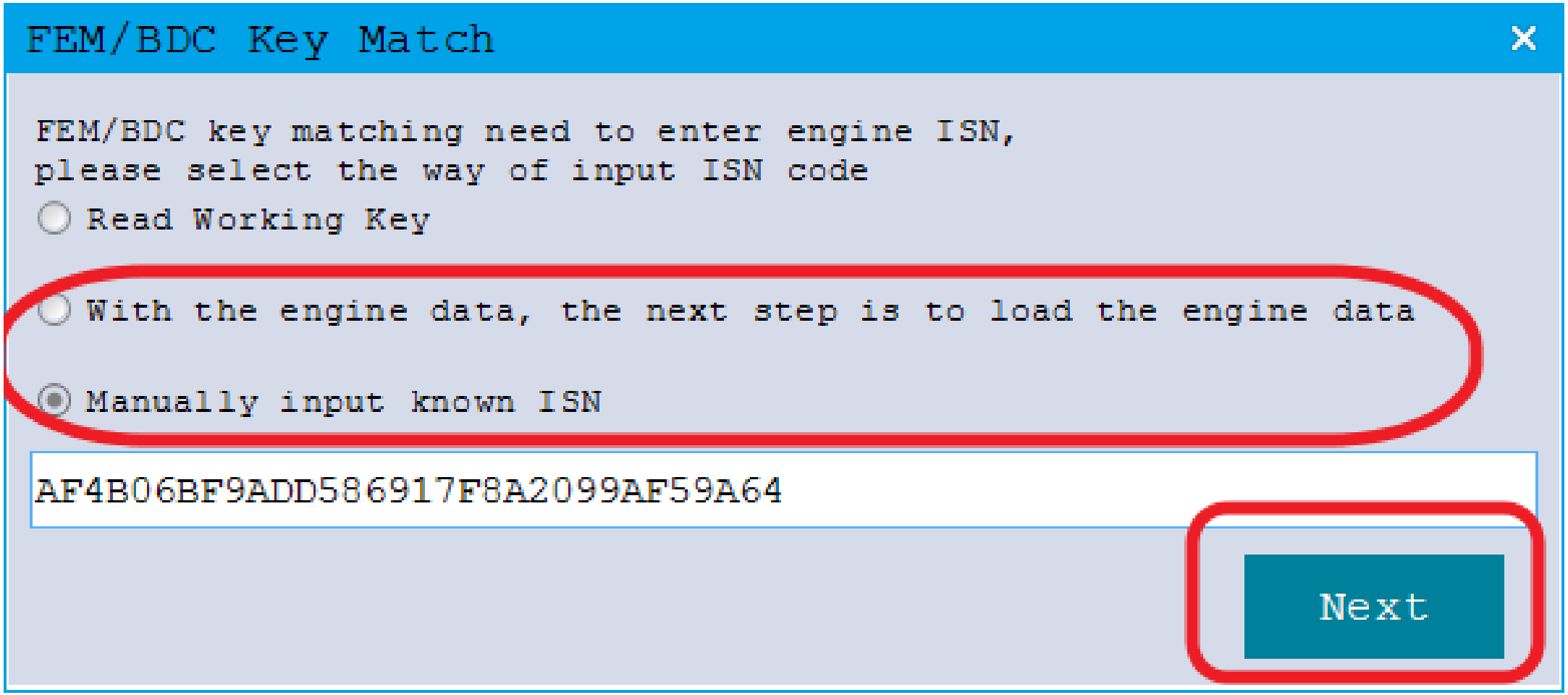
CAN Diagram

Wiring Diagram 1

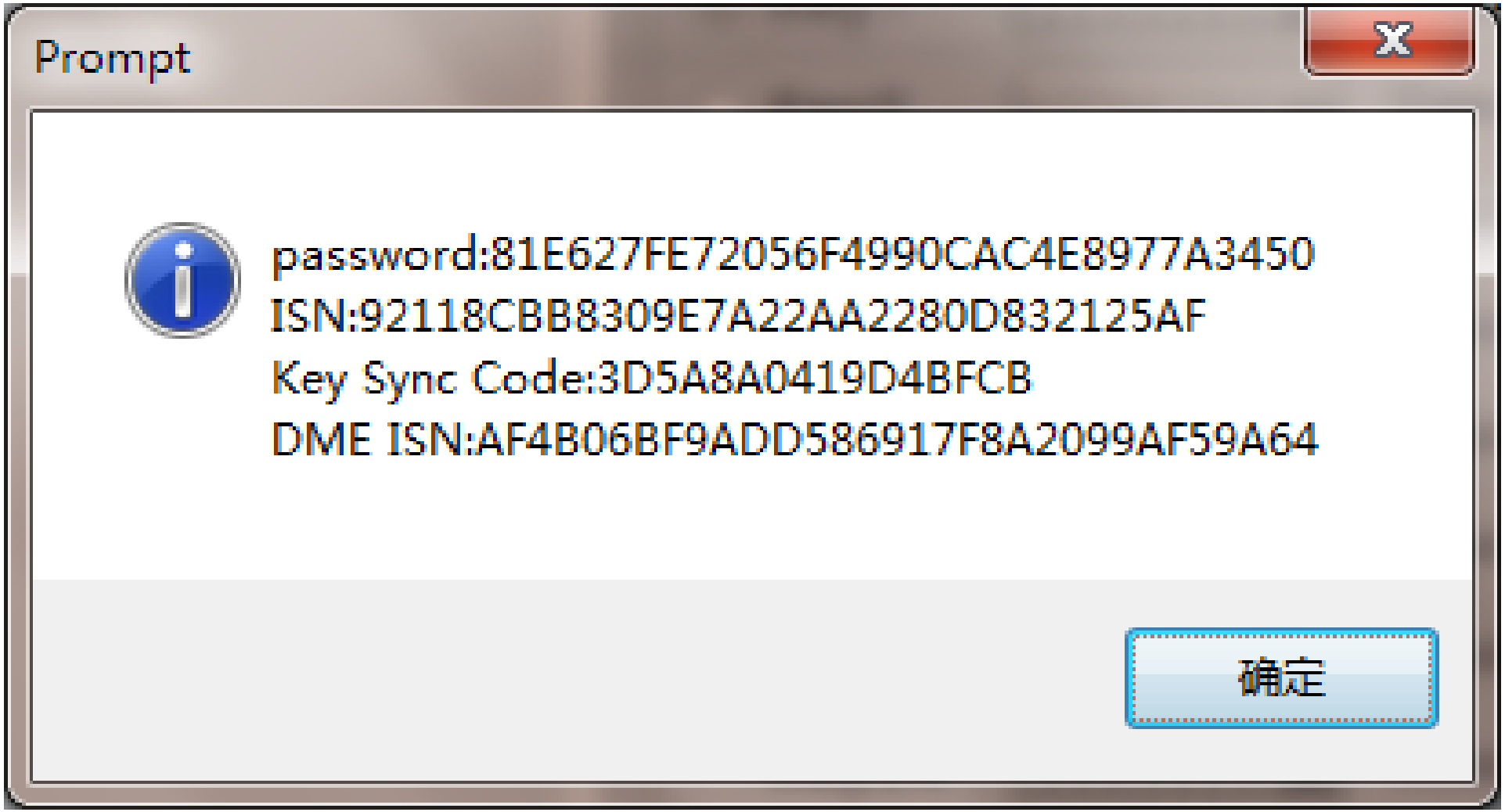
Show ISN and VIN



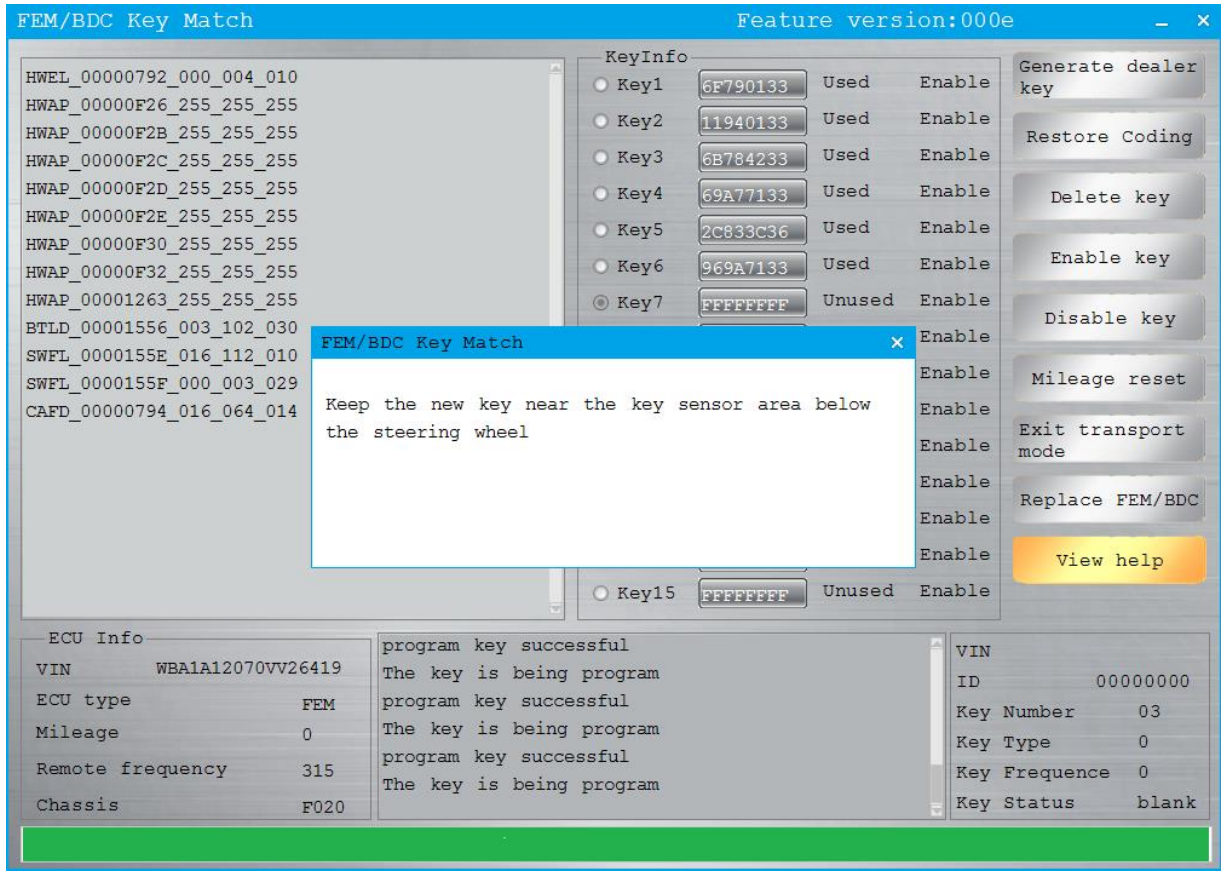
Return to cg-di, select unused key bits, and click "generate dealer keys"



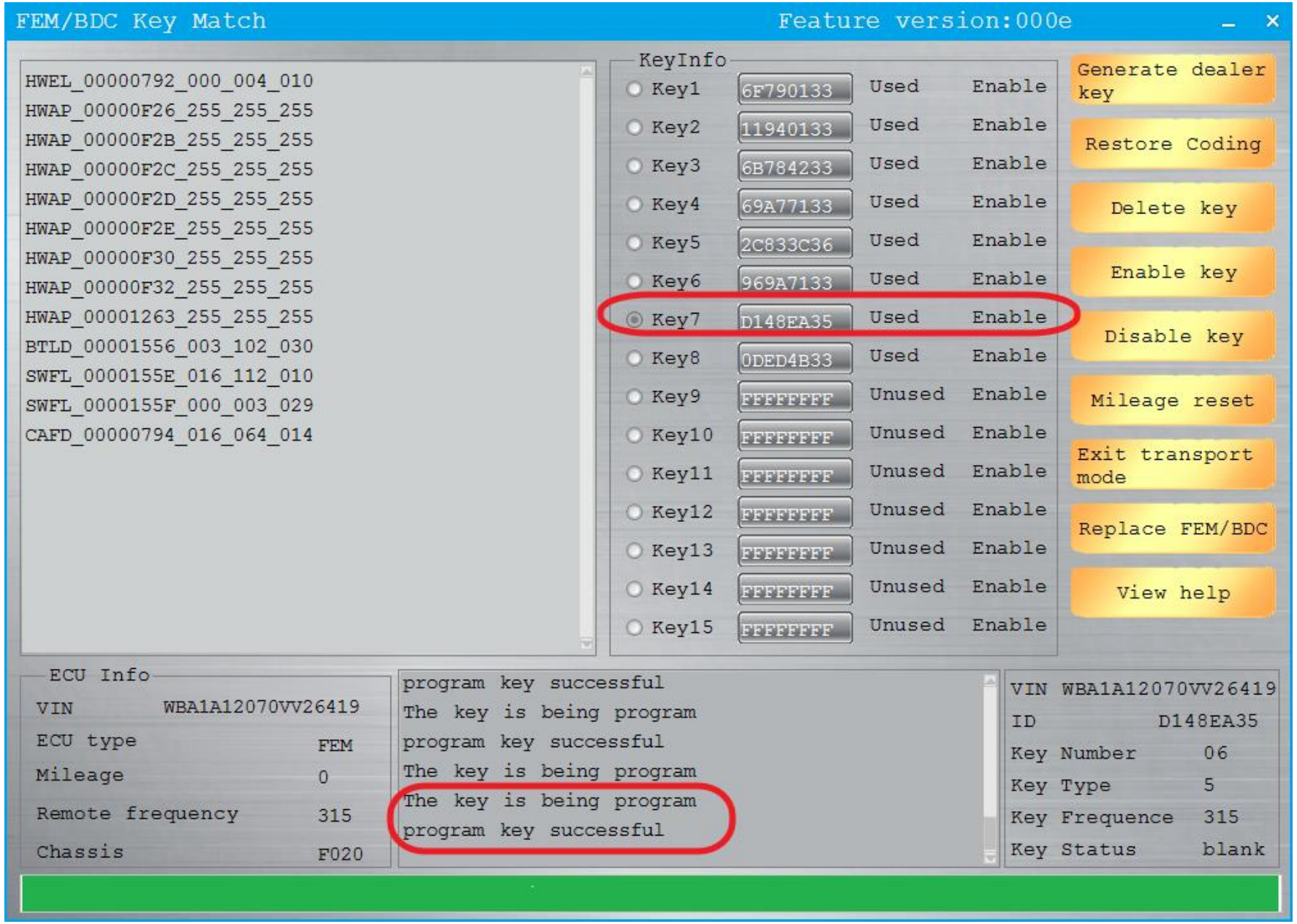
Click on the next item that you select and click next (Manually input known ISN)



Check the information and click ok



Place new key



New key programming success