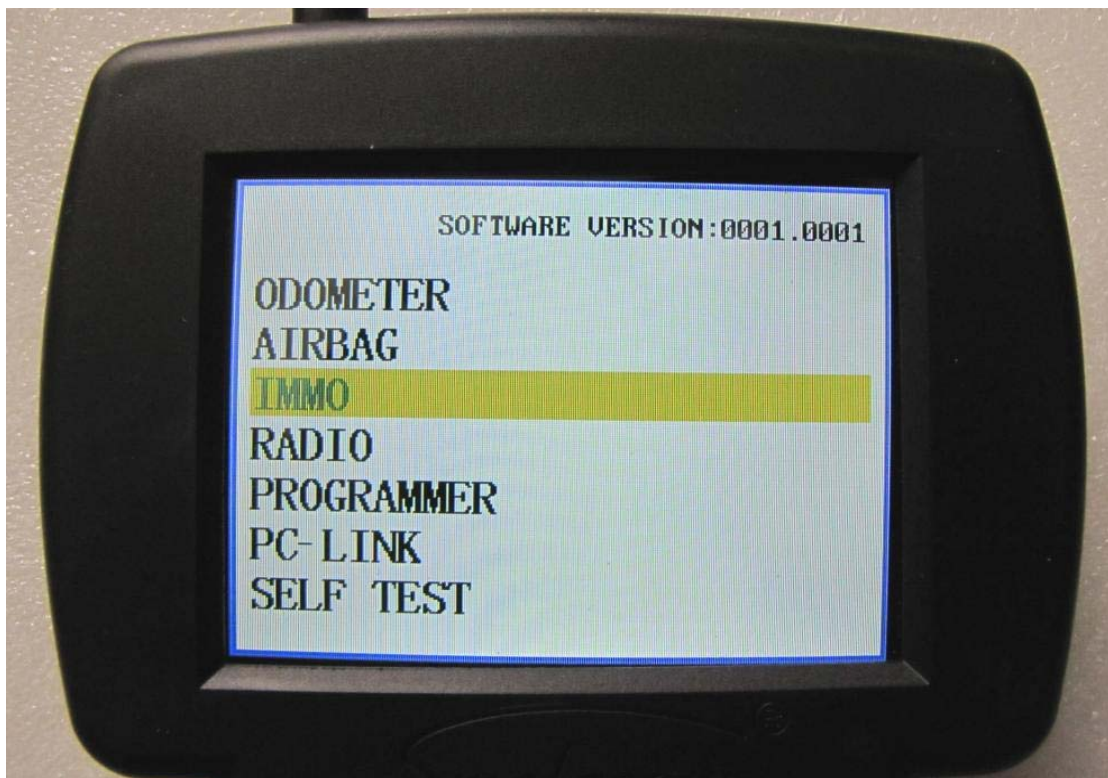# Help Manual for AUDI A6/Q7 Key Function.

Connect OBD adapter to the transponder adapter first, then connect to the machine.

PICTURE 1

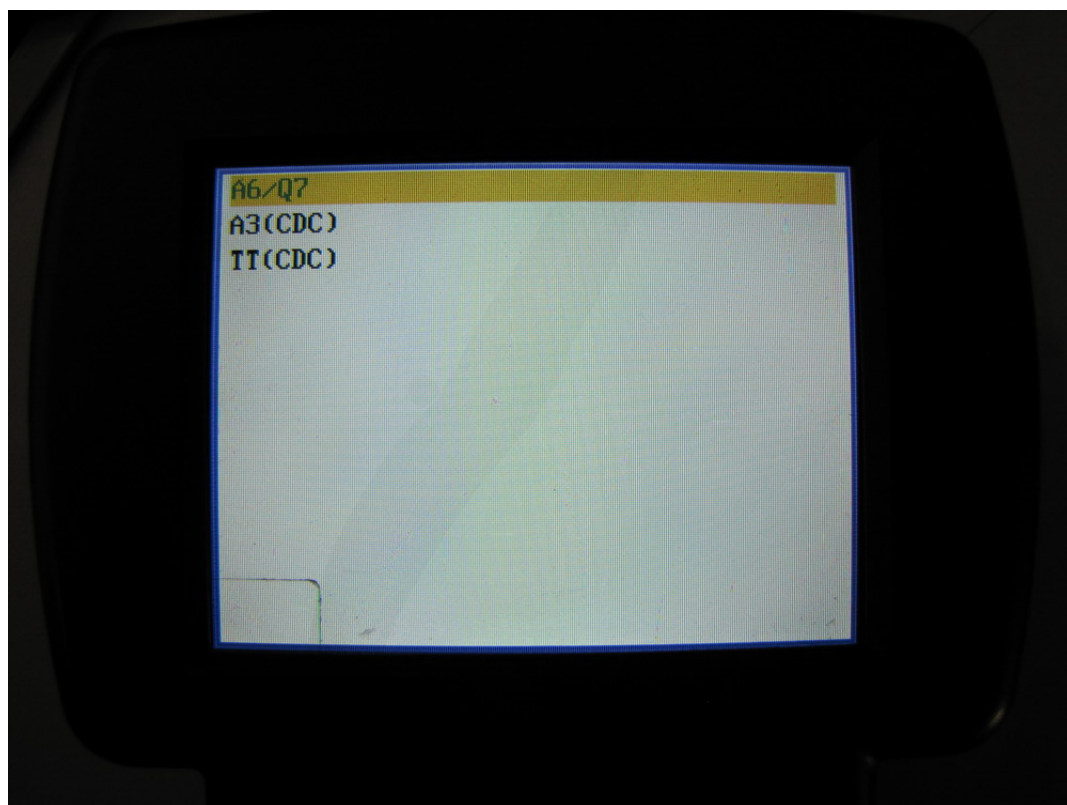Connect OBD adapter to the diagnostic socket of the car, choose "IMMO" from the main menu,

PICTURE 2

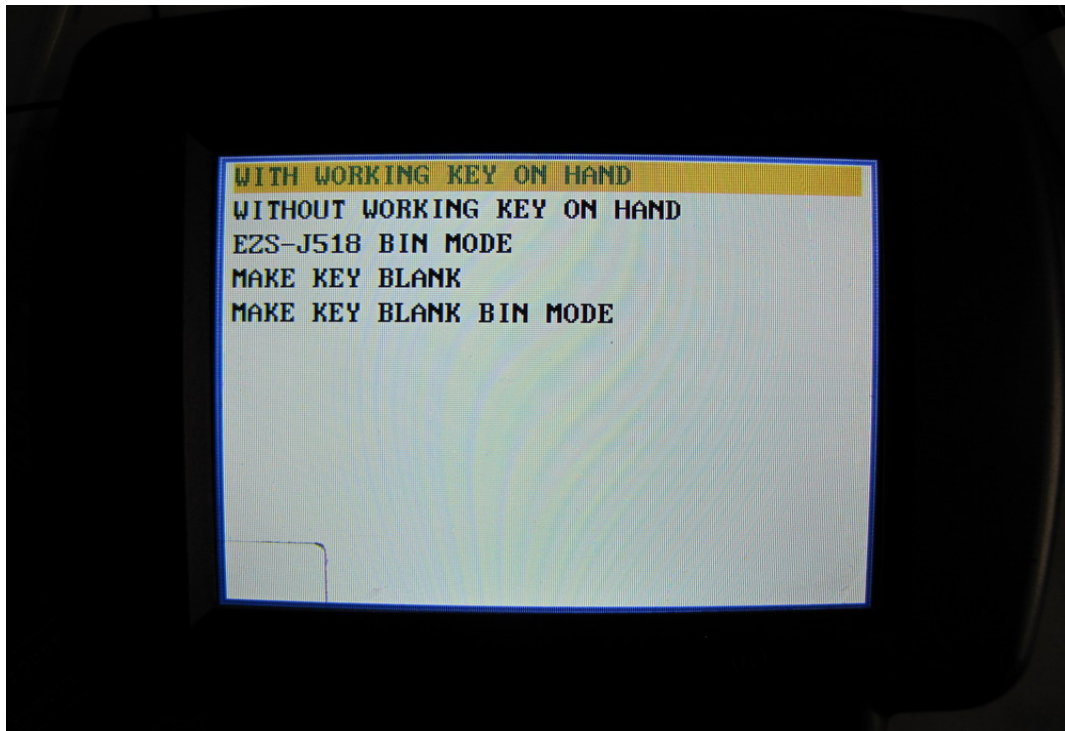Choose "AUDI" menu, then "AUDI 4TH IMMO SYSTEM"
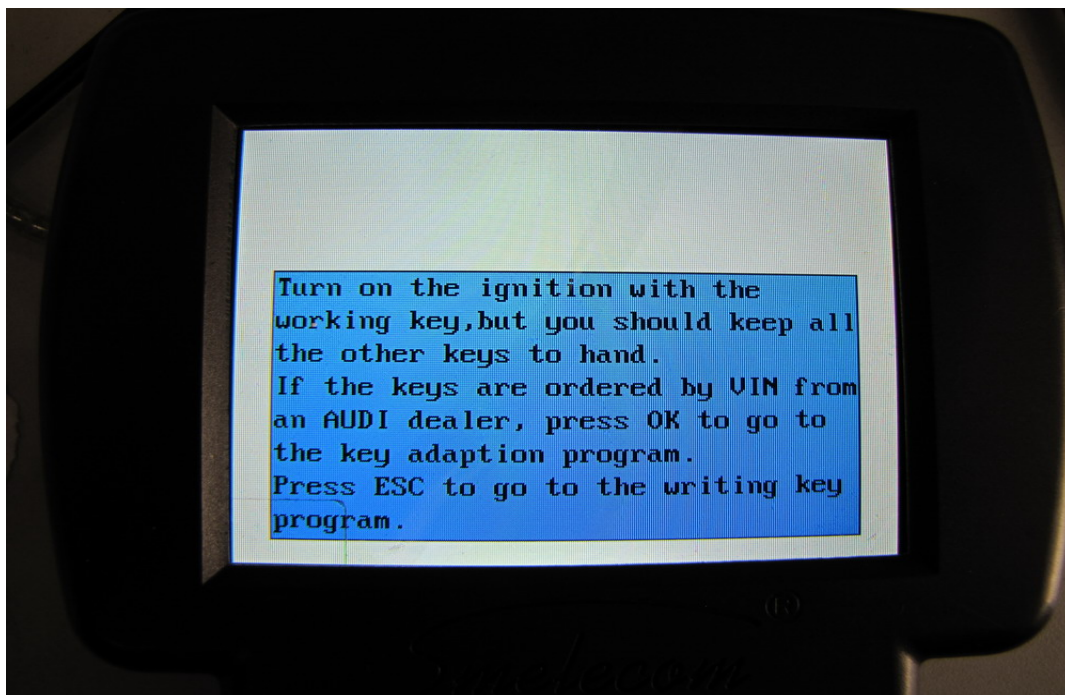

PICTURE 3

Choose "A6/Q7".

PICTURE 4

Under "A6L/Q7", there are 5 options as the following picture shows. Now will explain the working steps in the 5 options respectively.

1. choose "WITH WORKING KEY ON HAND". This mean that you still have at least one working key that can start the car.
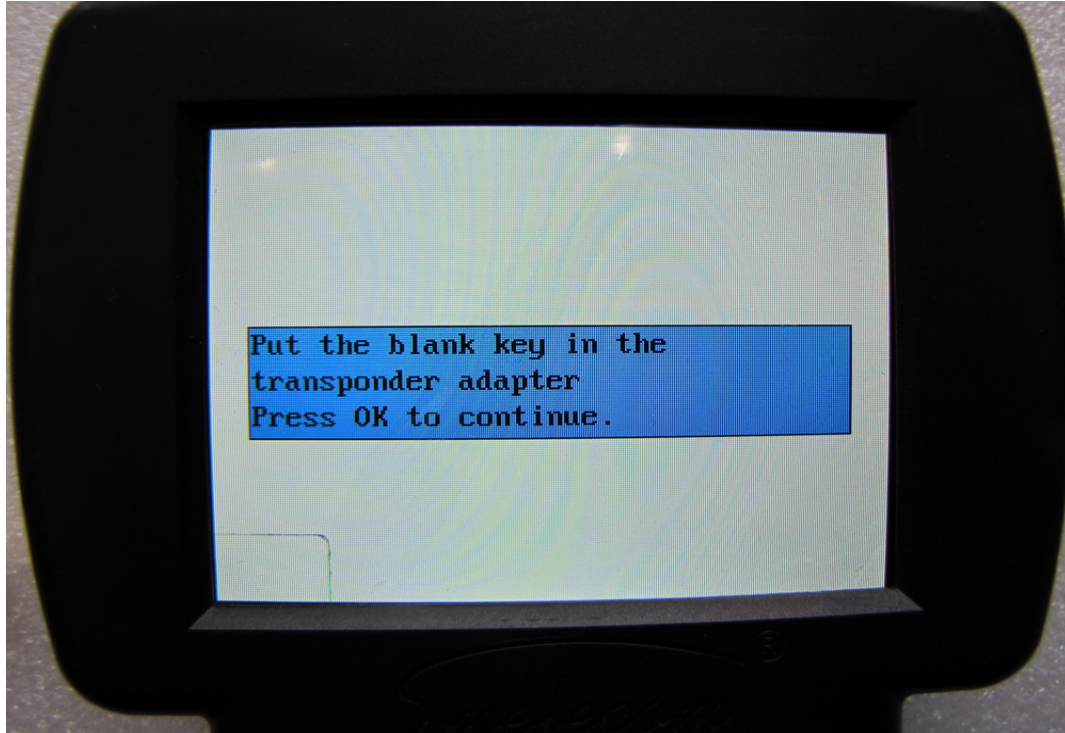

PICTURE 5

In this process, you need to turn on the ignition with the working key, but you should keep all the other keys to hand. If the keys are ordered by VIN from an AUDI dealer, press "OK" to go to the KEY ADAPTION program, otherwise Press "ESC" to go to the WRITING KEY program.
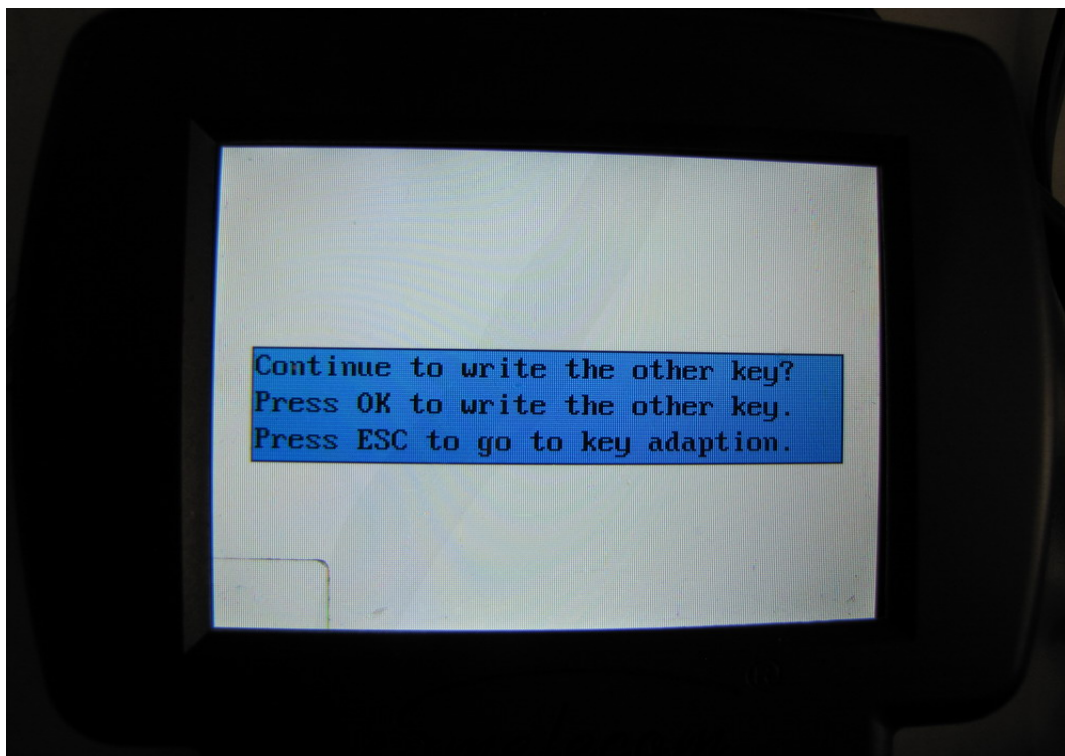

PICTURE 6

WRITING KEY In PICTURE 6, if press "ESC", you will come to the WRITING KEY menu, please put the new blank key in the transponder adapter correctly, and then press "OK", the tool will write the blank key to a key of A6/Q7. After writing key successfully, you can press "ESC" to go to the KEY ADAPTION process.
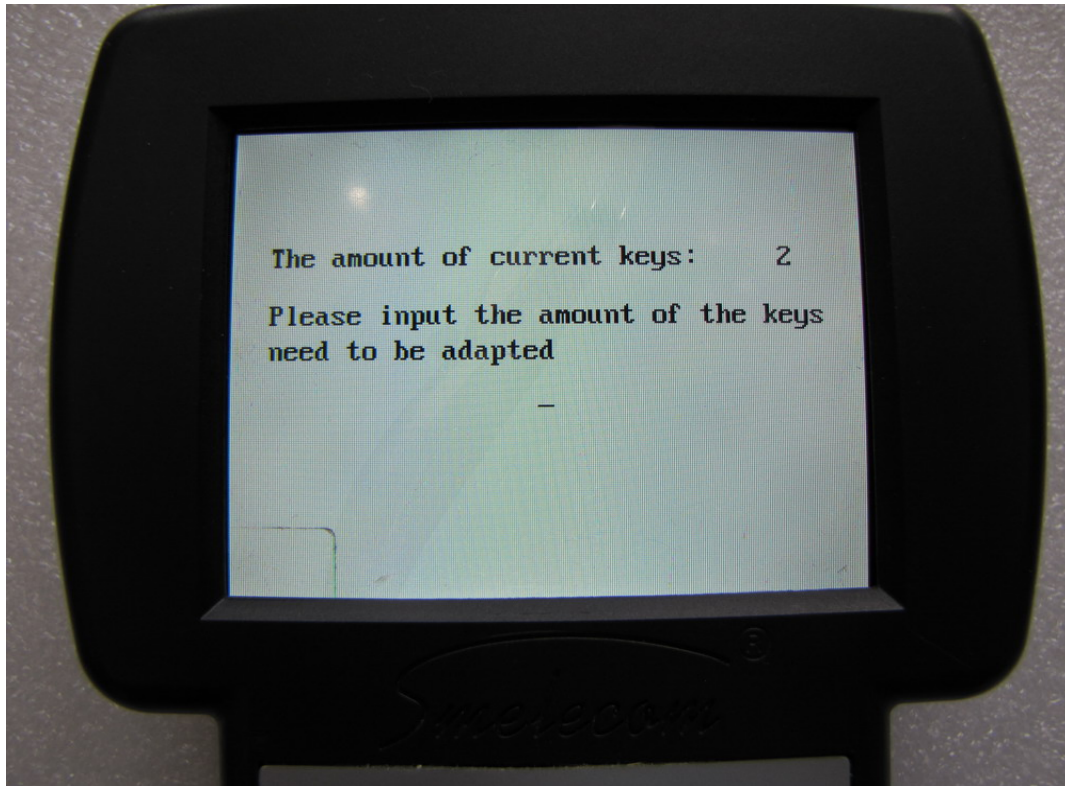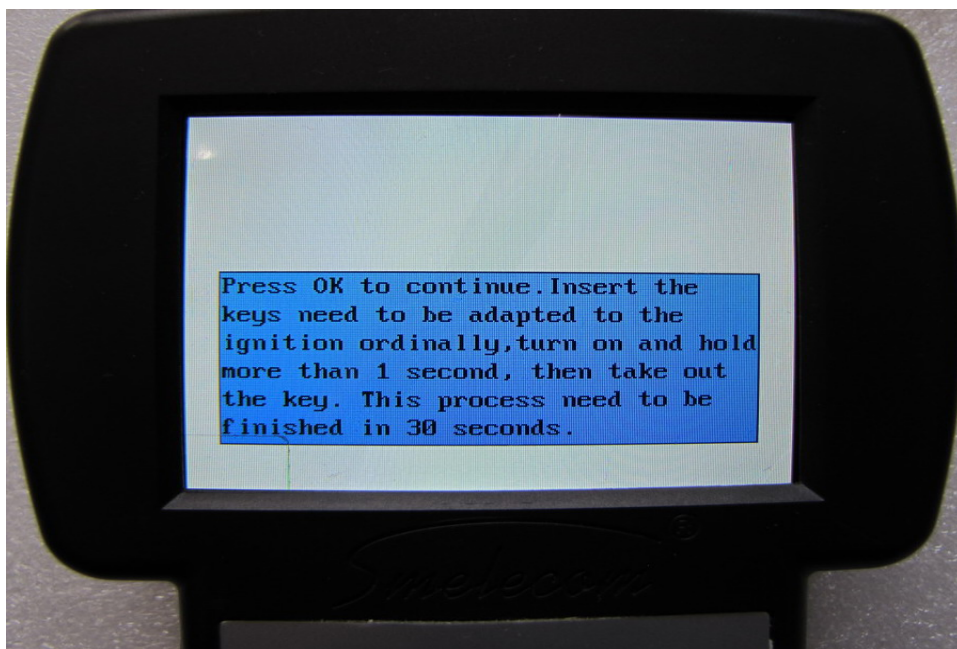

PICTURE 7

PICTURE 8

KEY ADAPTION

In PICTURE 6, if press "OK", you will come to the KEY ADAPTION menu. In this step , the tool will show you the current amount of keys, and you should input the new amount of keys to be adapted
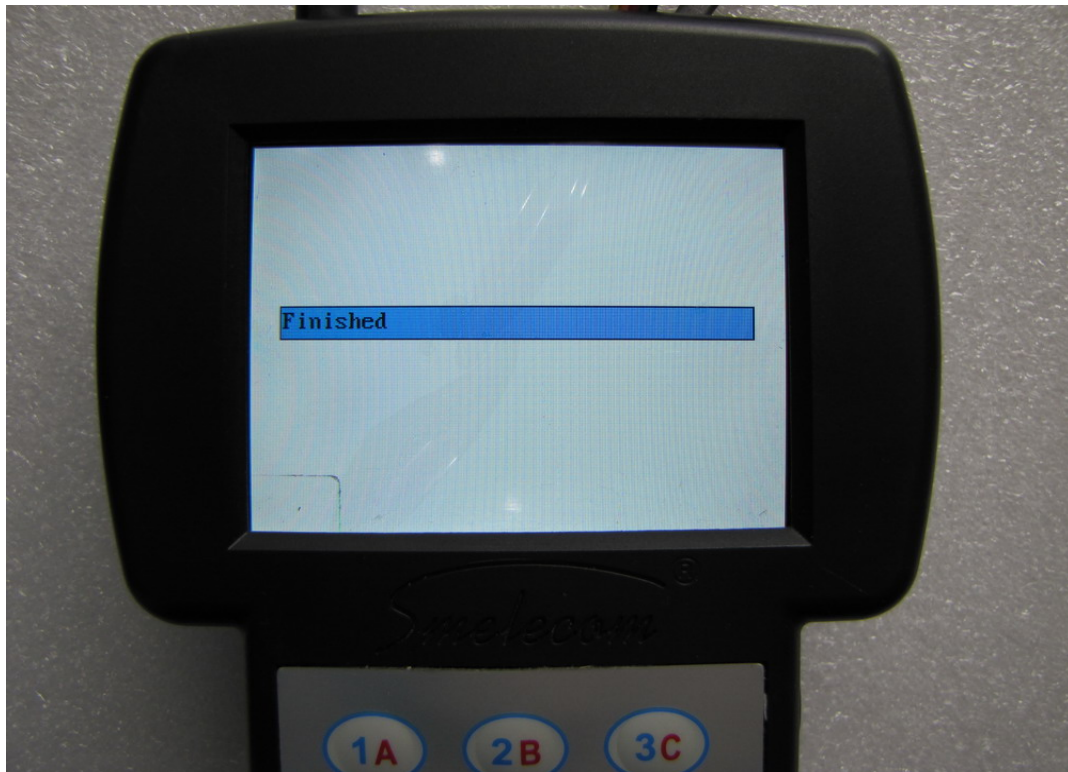

PICTURE 9

Press "OK", then insert the first key to be adapted into the ignition, turn the ignition to "on" and hold more than 1 second, then turn off and take out the key, then repeat the same procedure with the second key and so on until the last key is adapted to the car, the tool will show "finished".
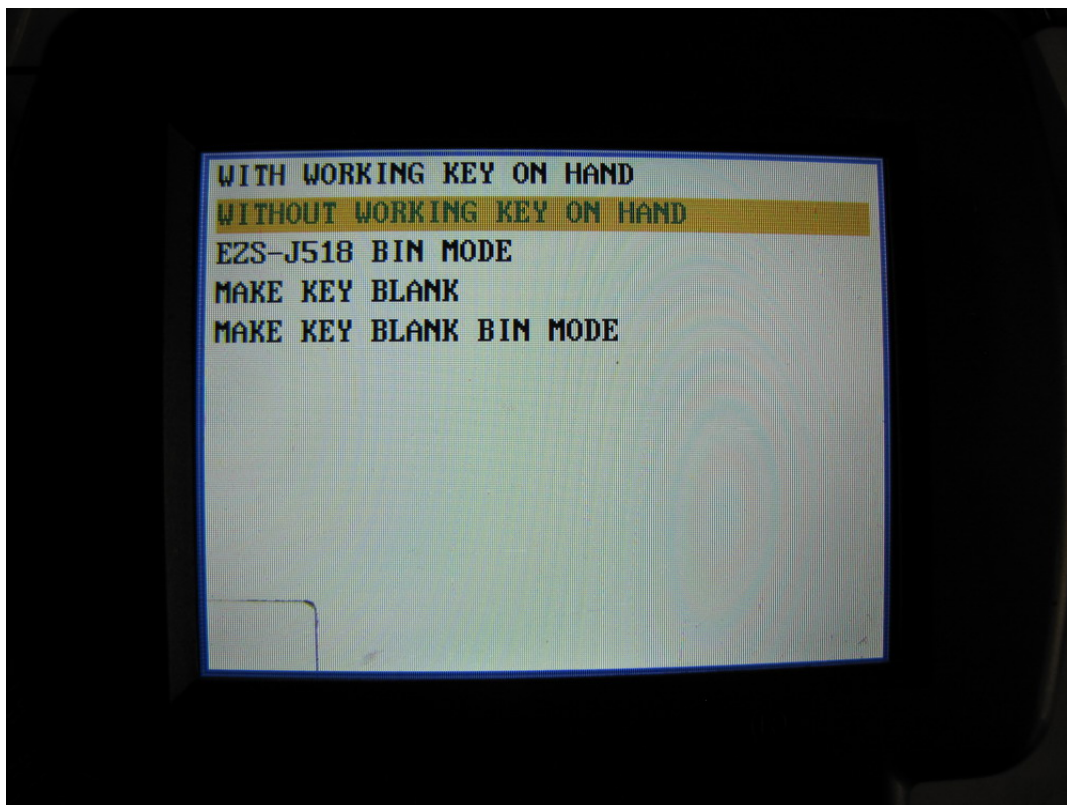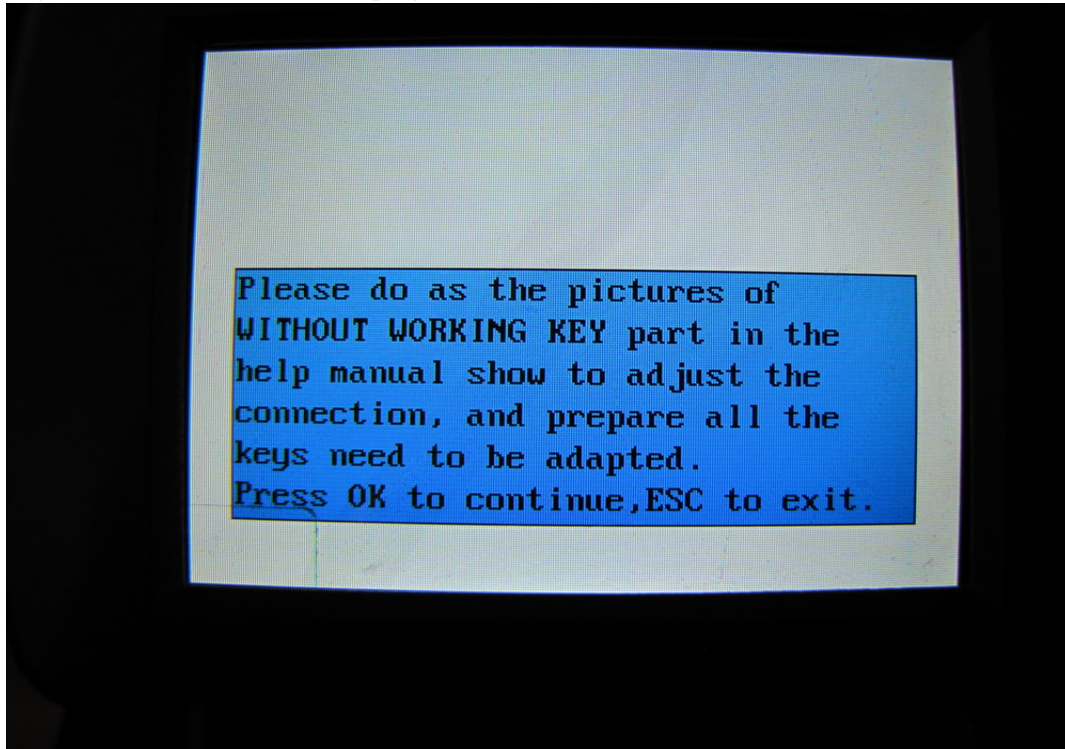

PICTURE 10

PICTURE 11

2. Choose "WITHOUT WORKING KEY ON HAND". This means that all keys lost and no key can start the car
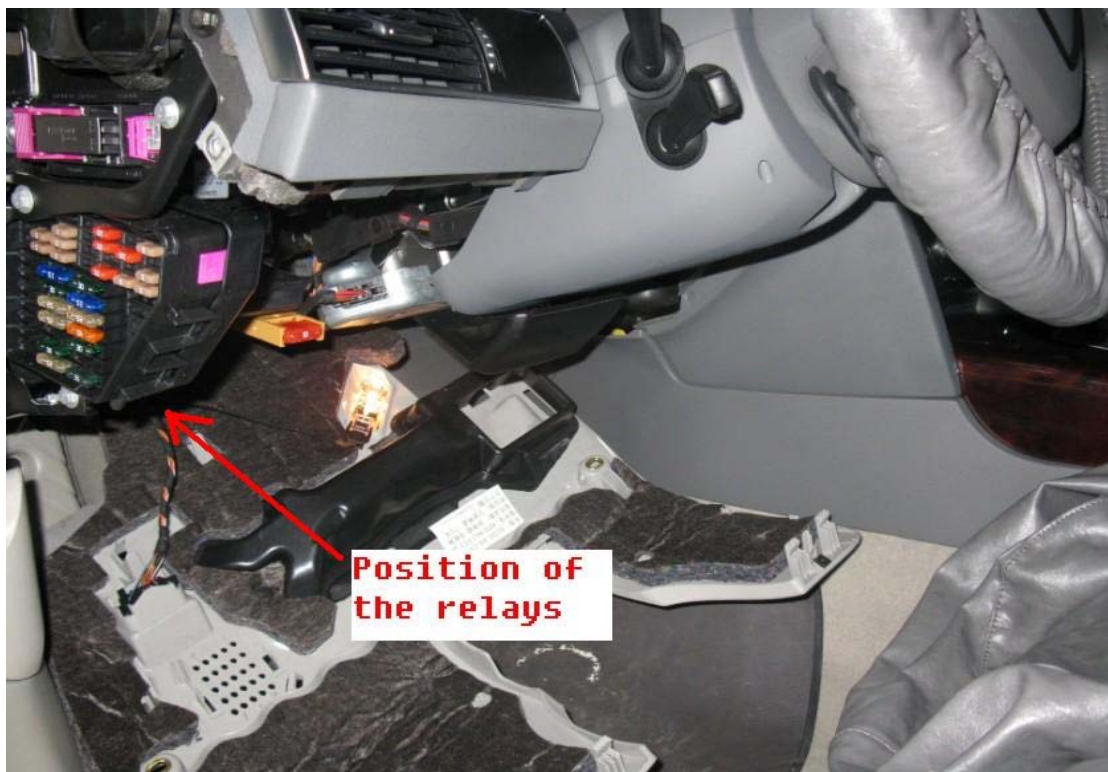

PICTURE 12

In this process, please make connection as the PICTURE 17 shows, then press "OK", wait for a few minutes, the tool will go to the next page. Before key adaption, make sure that the keys are ordered by VIN number from an AUDI dealer, otherwise you have to go to the writing key program to write keys first. Press "OK" to go to the **KEY ADAPTION** program, Press "ESC" to go to the **WRITING KEY** program.

PICTURE 13

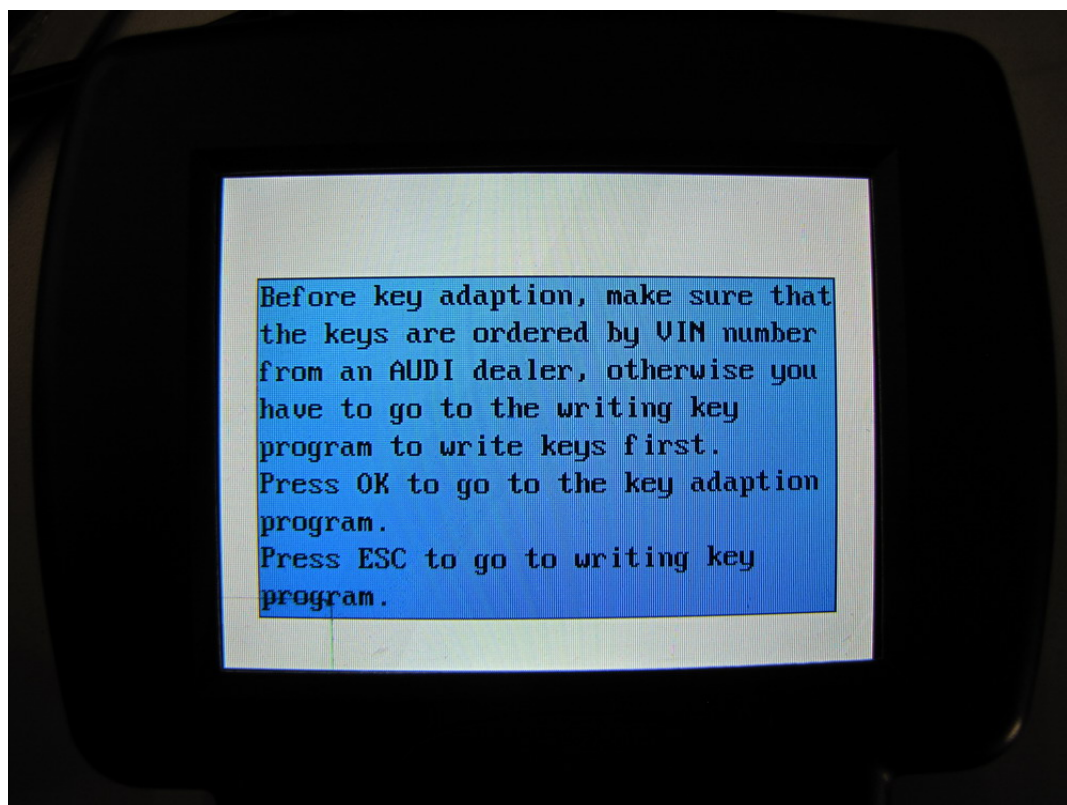

PICTURE 14   Relay Position A6

PICTURE 15   Relay Position Q7
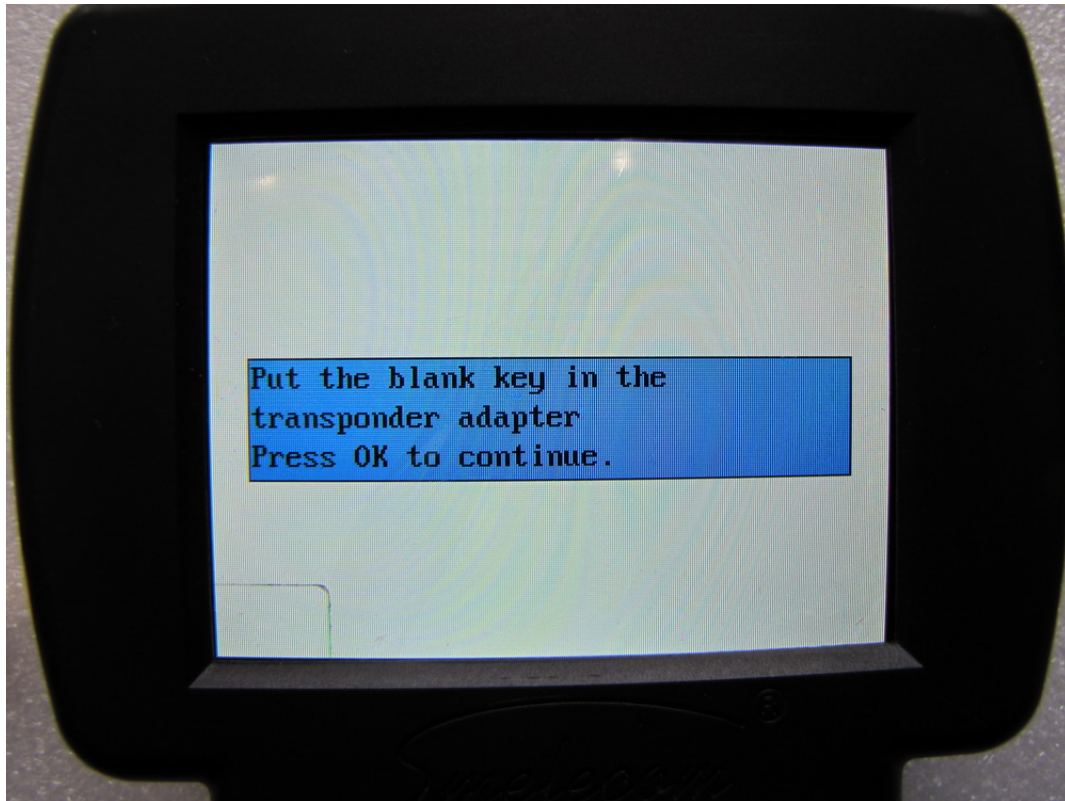

PICTURE 16   remove the relay in red circle

PICTURE 17   Connect the two points

Before key adaption, make sure that
the keys are ordered by VIN number
from an AUDI dealer, otherwise you
have to go to the writing key
program to write keys first.
Press OK to go to the key adaption
program.
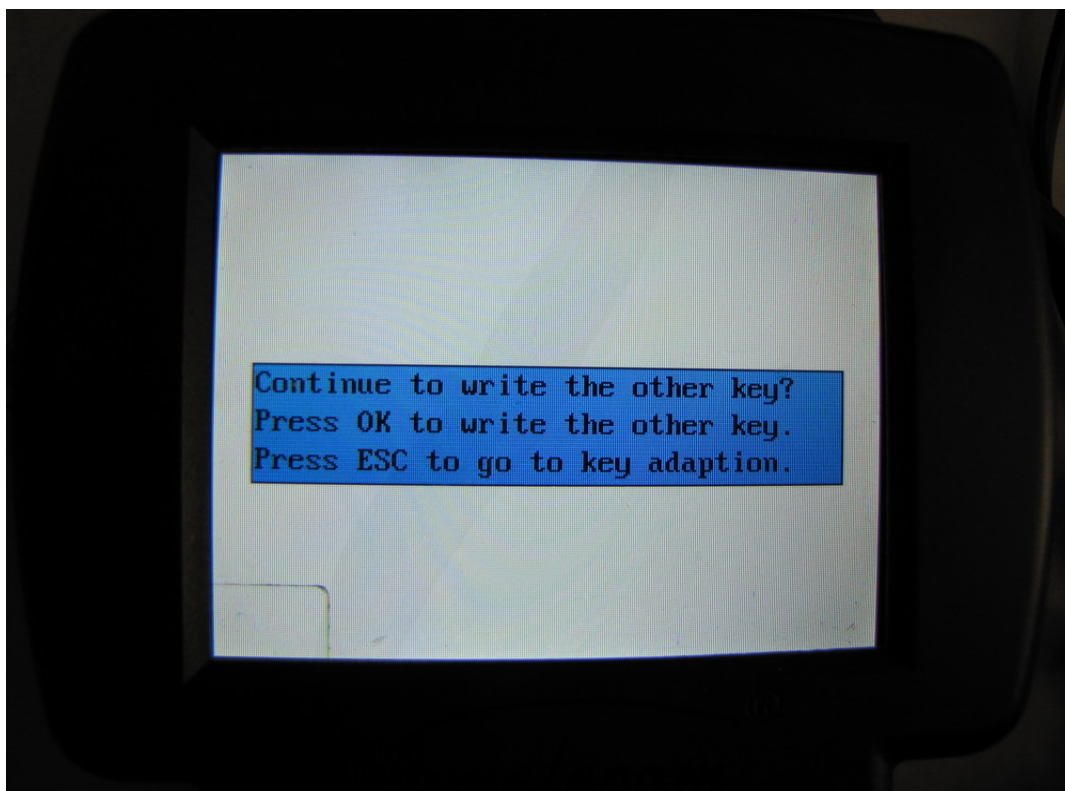Press ESC to go to writing key
program.

PICTURE 18

WRITING KEY

In PICTURE 18, if press "ESC", you will come to the WRITING KEY menu, please put the new blank key in the transponder adapter correctly, and then press "OK", the tool will write the blank key to a key of A6/Q7. After writing key successfully, you can press "ESC" to go to the KEY ADAPTION process.
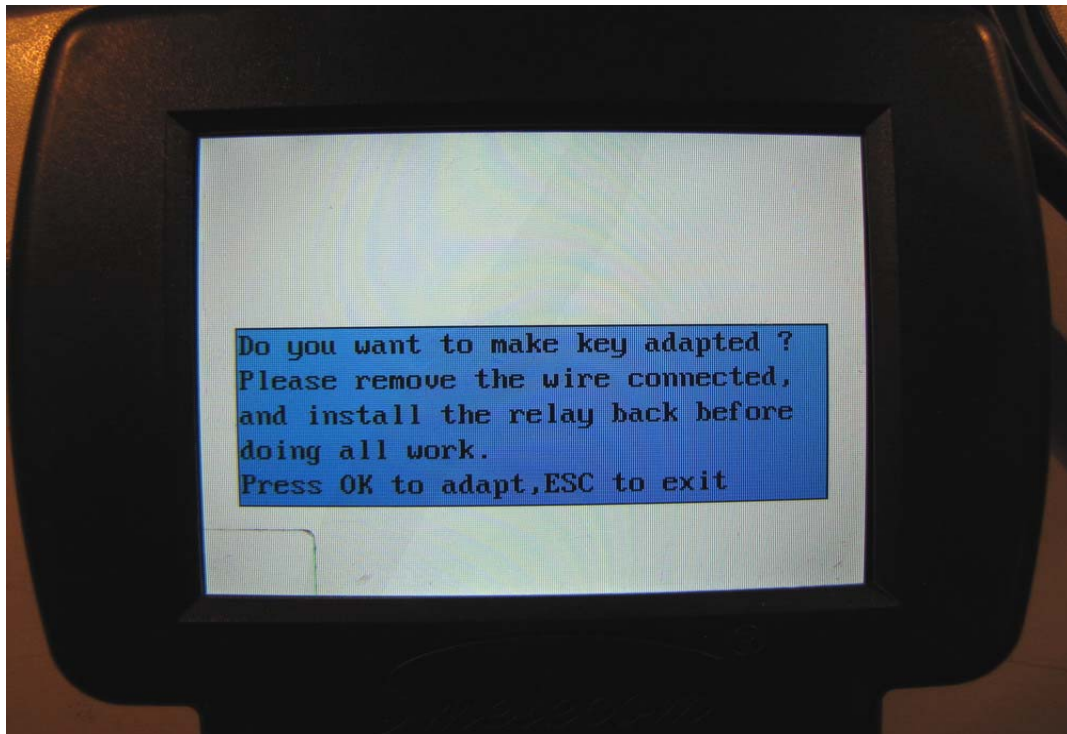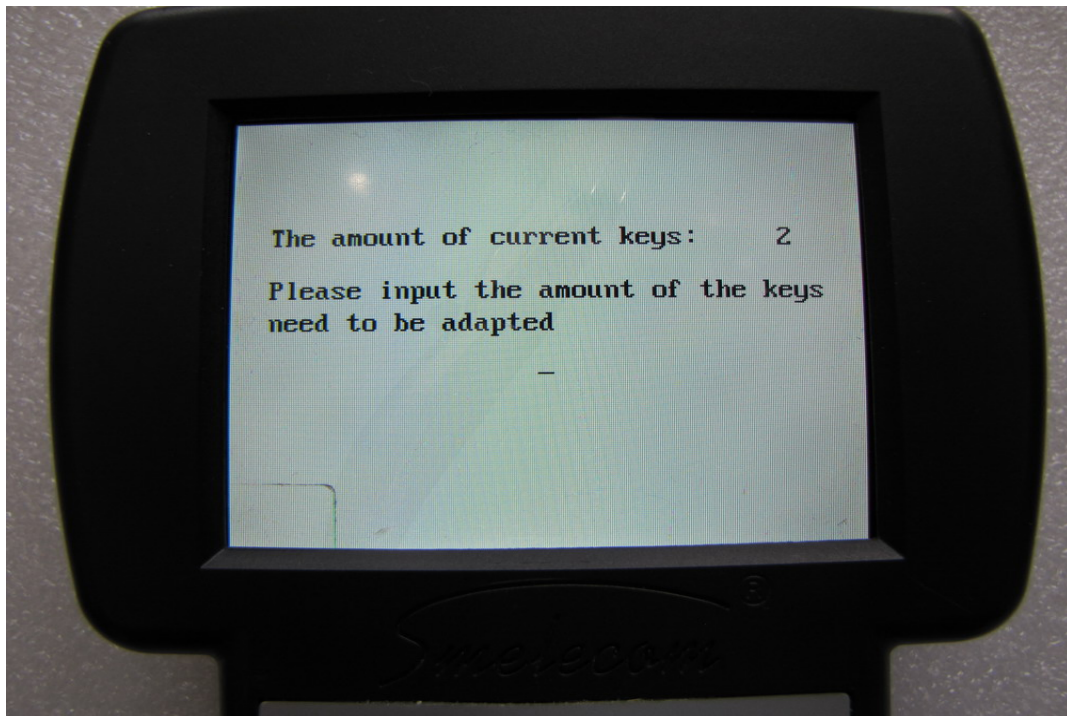

PICTURE 19

PICTURE 20

KEY ADAPTION

In PICTURE 18, if press "OK", you will come to the KEY ADAPTION menu. Before key adaption, remove the wire connected in the PICTURE 17,and install the relay back. Press "OK" to go on, "ESC" to exit.
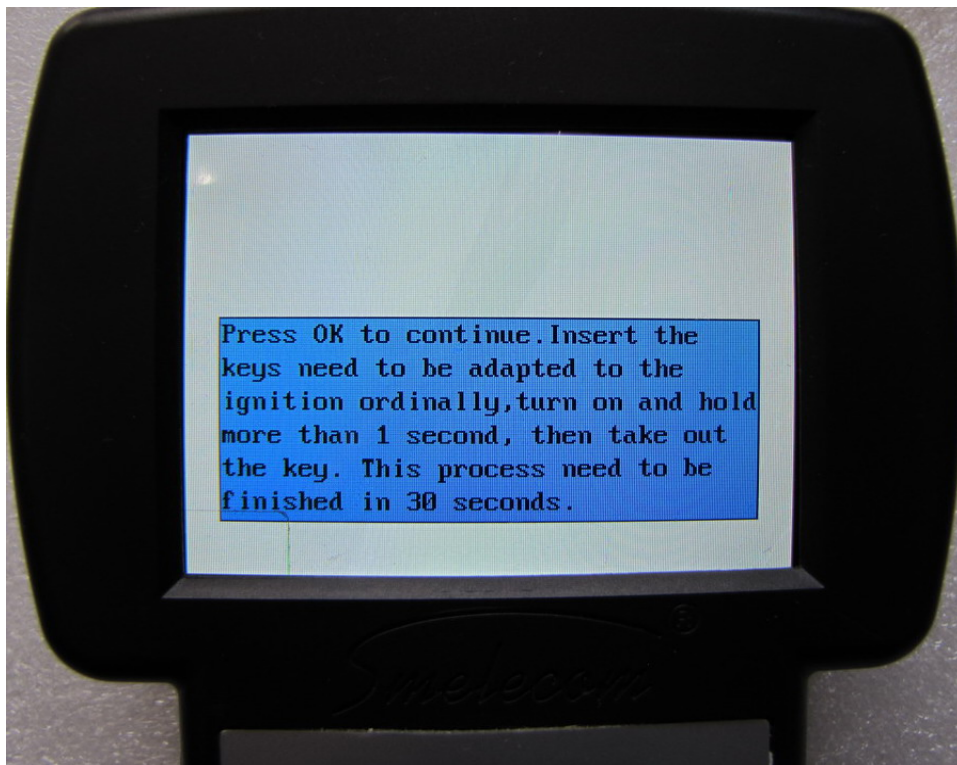

PICTURE 21

In this step , the tool will show you the current amount of keys, and you should input the new amount of keys to be adapted

PICTURE 22

Press "OK", then insert the first key to be adapted into the ignition, turn the ignition to "on" and hold more than 1 second, then turn off and take out the key, then repeat the same procedure with the second key and so on until the last key is adapted to the car, the tool will show "finished".
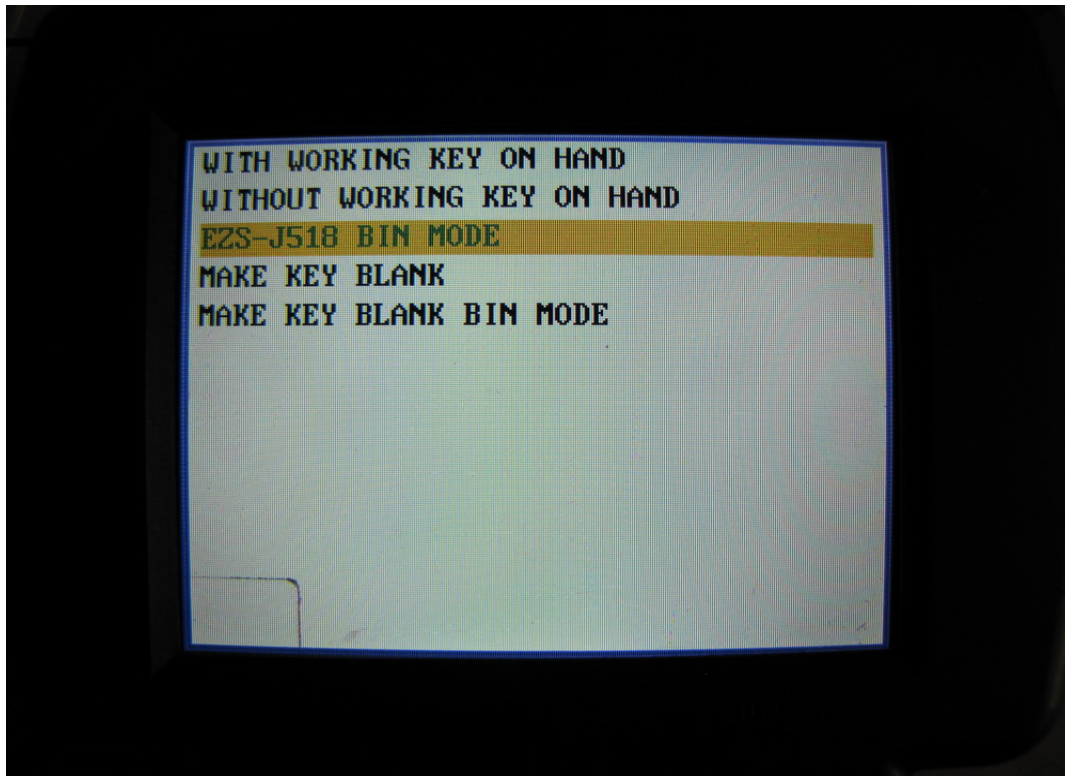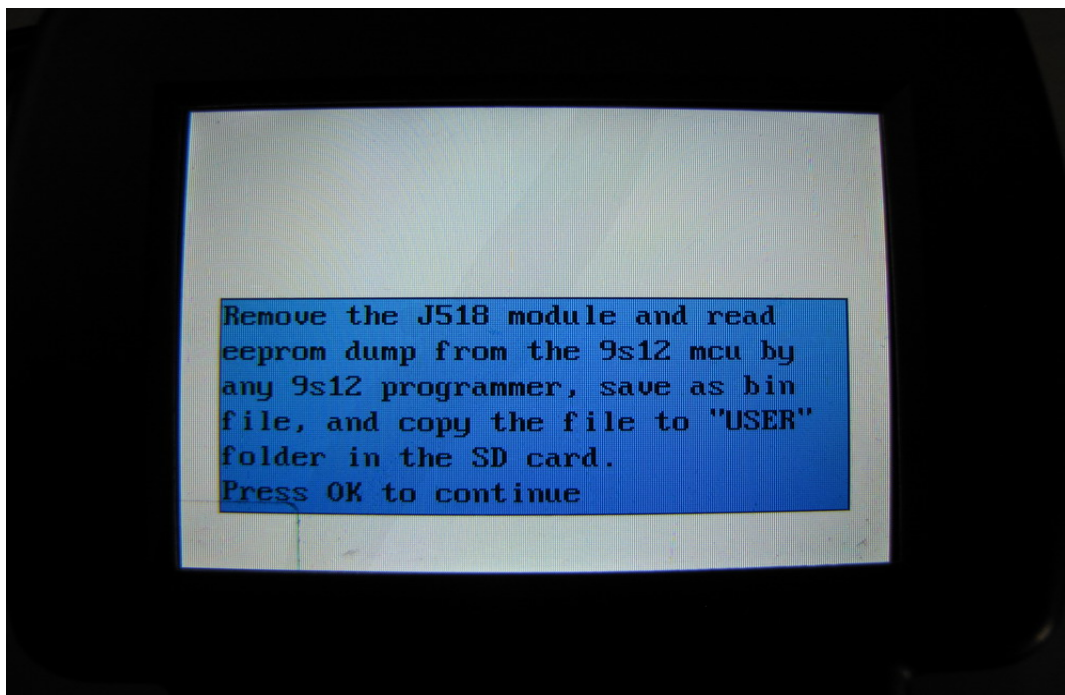

PICTURE 23

PICTURE 24

3. Choose "EZS-J518 BIN MODE". This is the supplement to "without working keys on hand", some times, you lost all keys and you can not make key adaption by "without working keys on hand" menu, you can make key adaption by this menu.

PICTURE 25

In this process, you should remove the J518 module and read eeprom dump from the 9s12 mcu by any 9s12 programmer, save as bin file, and copy the file to "USER" folder in the SD card , press "OK" to continue.
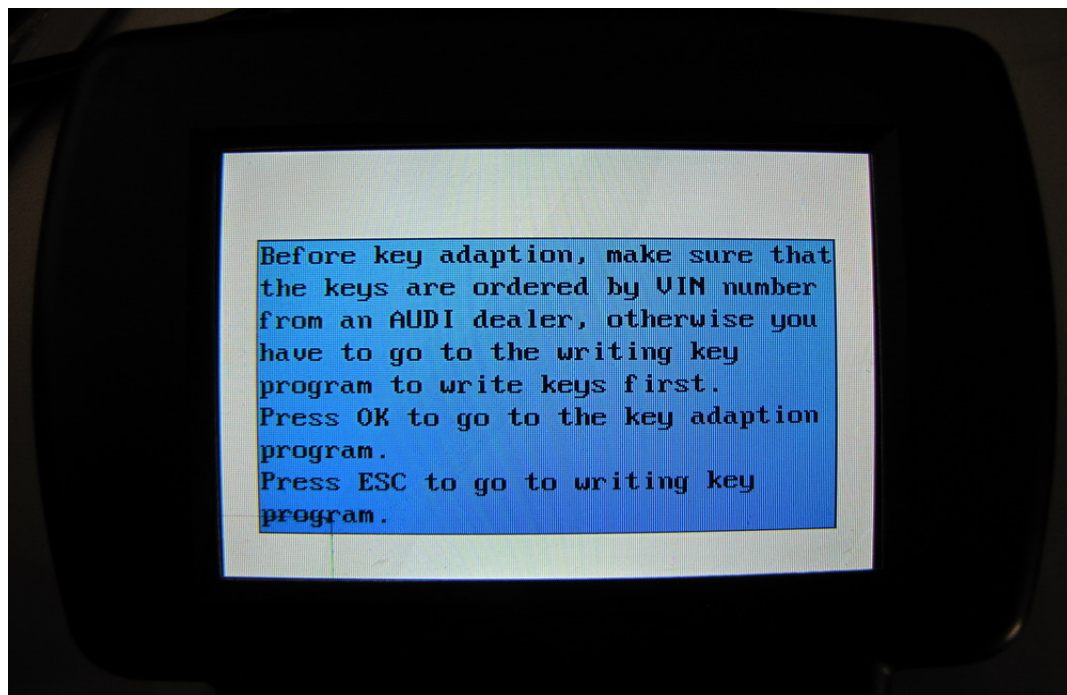

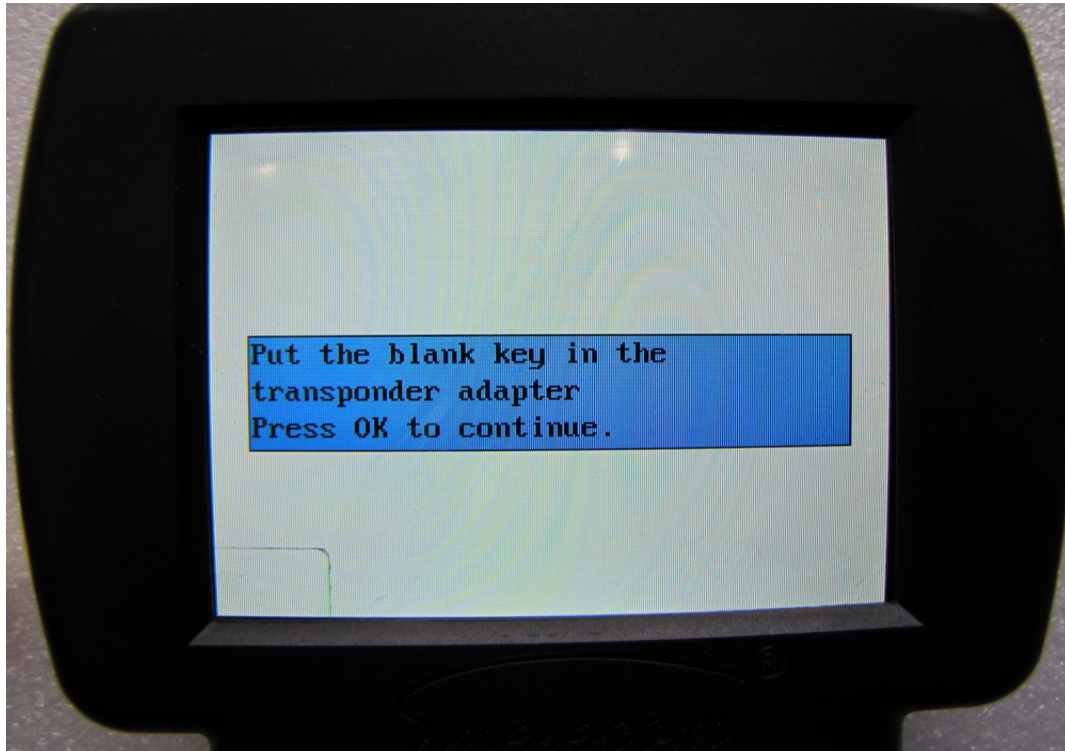**PICTURE 26**

Choose the file you saved, press "OK".

PICTURE 27

Before key adaption, make sure that the keys are ordered by VIN number from an AUDI dealer, otherwise you have to go to the writing key program to write keys first. Press "OK" to go to the **KEY ADAPTION** program, Press "ESC" to go to the **WRITING KEY** program.
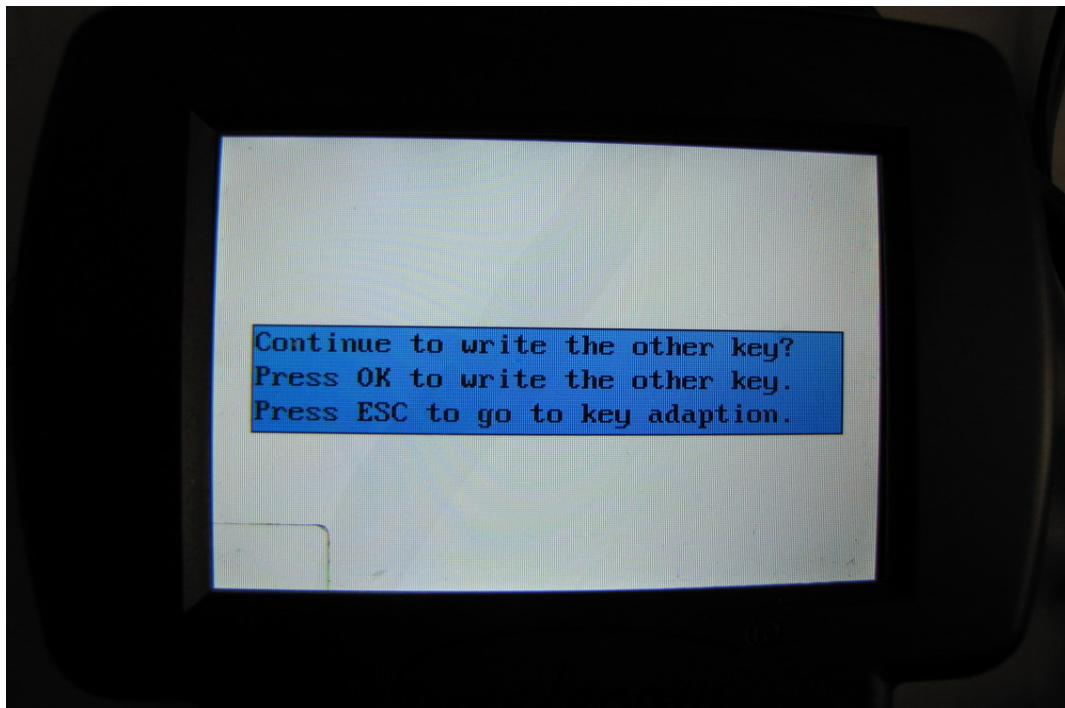

PICTURE 28

WRITING KEY
In PICTURE 28, if press "ESC", you will come to the WRITING KEY menu, please put the new blank key in the transponder adapter correctly, and then press "OK", the tool will write the blank key to a key of A6/Q7. After writing key successfully, you can press "ESC" to go to the KEY ADAPTION process.
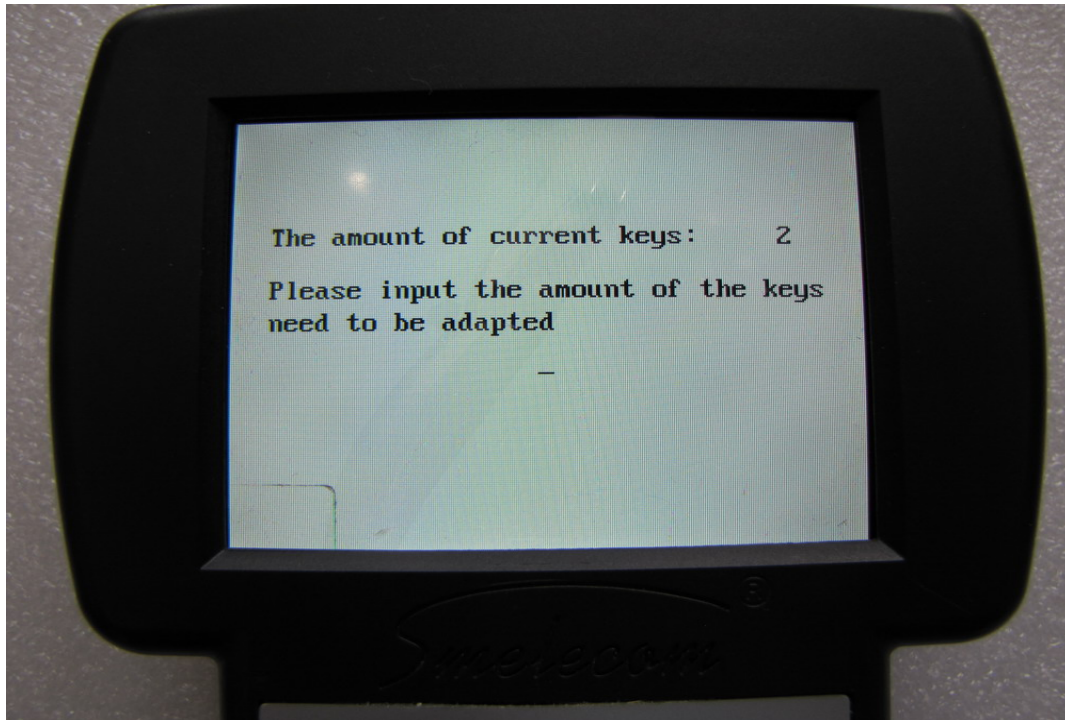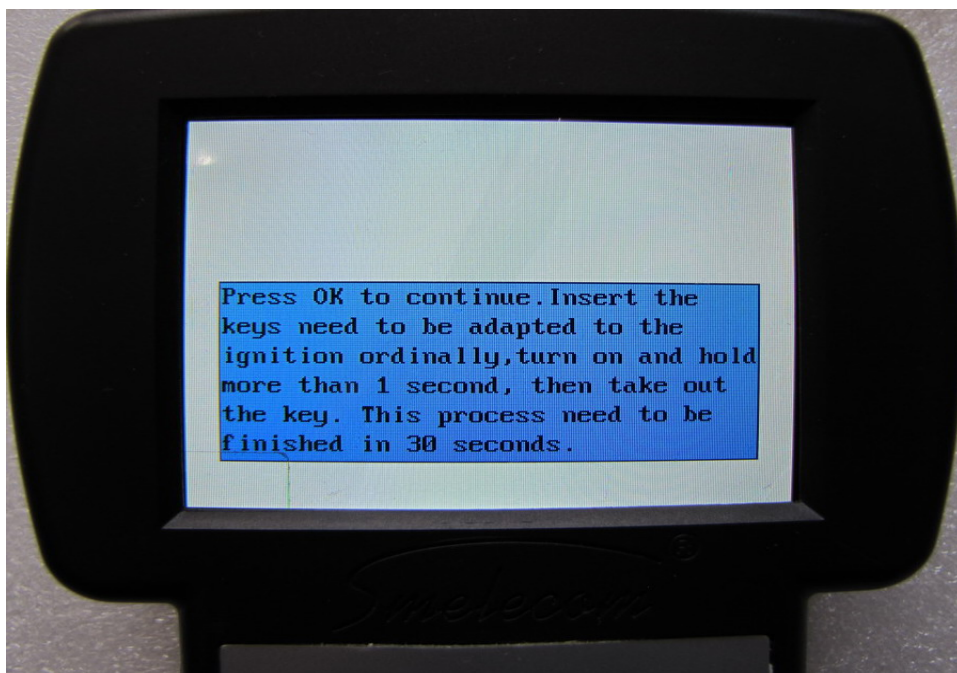

PICTURE 29

PICTURE 30

KEY ADAPTION

In PICTURE 28, if press "OK", you will come to the KEY ADAPTION menu. In this step , the tool will show you the current amount of keys, and you should input the new amount of keys to be adapted
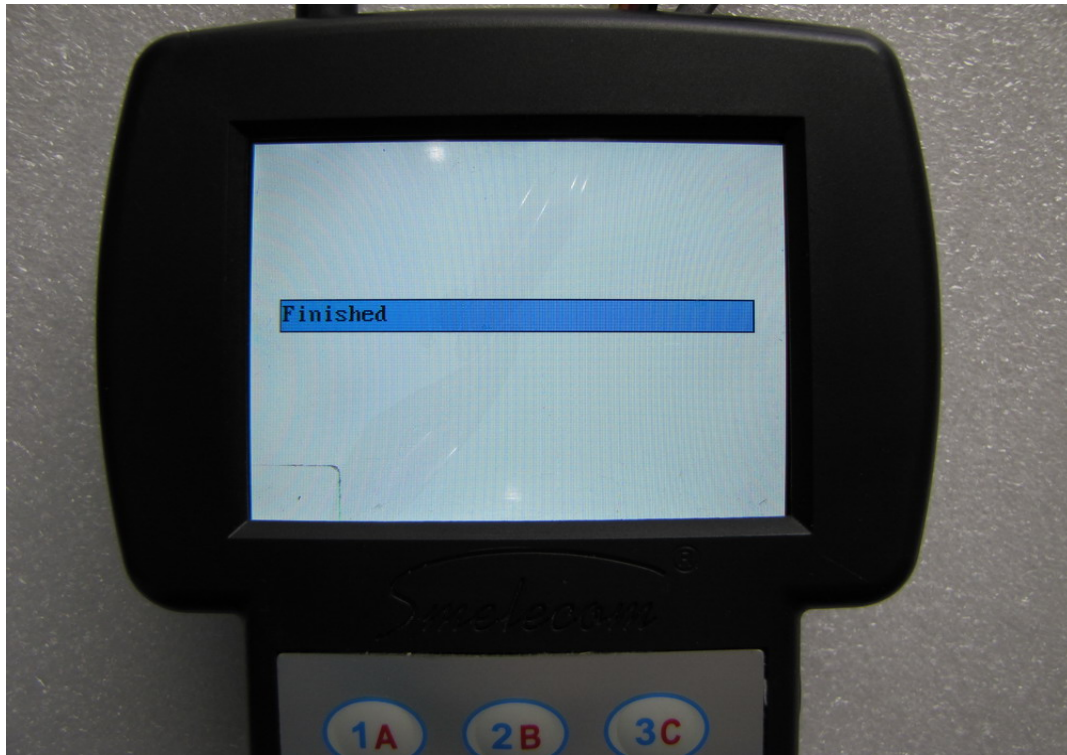

PICTURE 31

Press "OK", then insert the first key to be adapted into the ignition, turn the ignition to "on" and hold more than 1 second, then turn off and take out the key, then repeat the same procedure with the second key and so on until the last key is adapted to the car, the tool will show "finished".
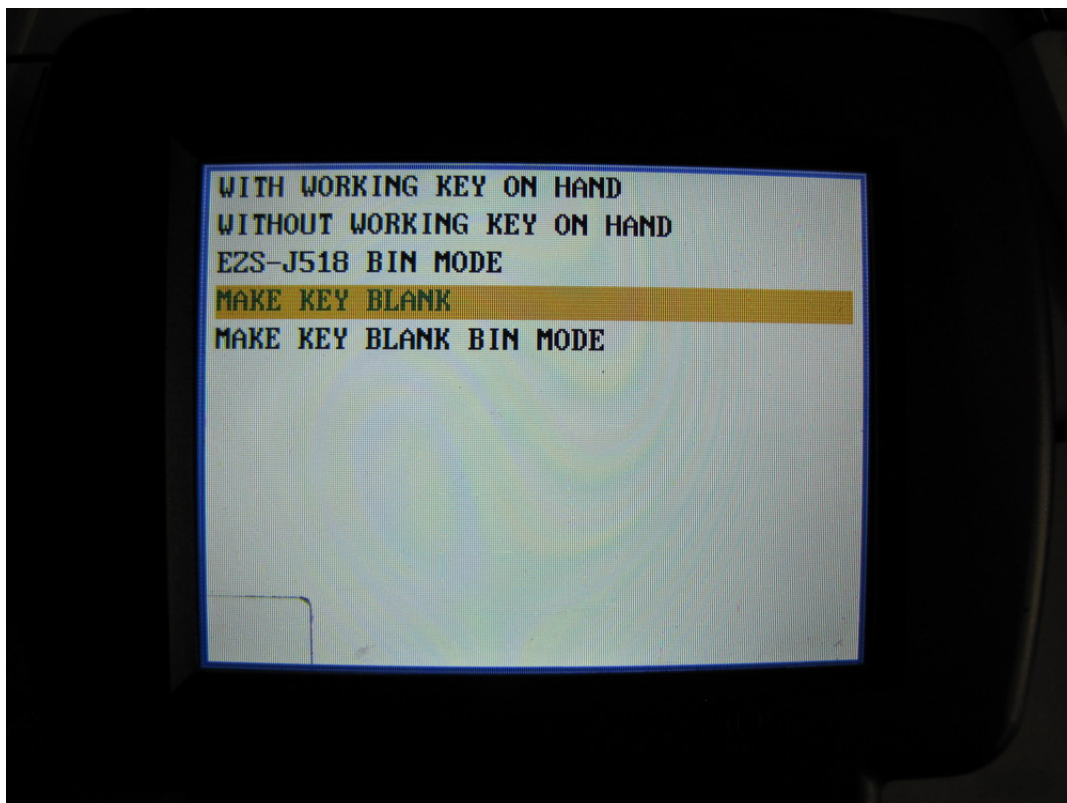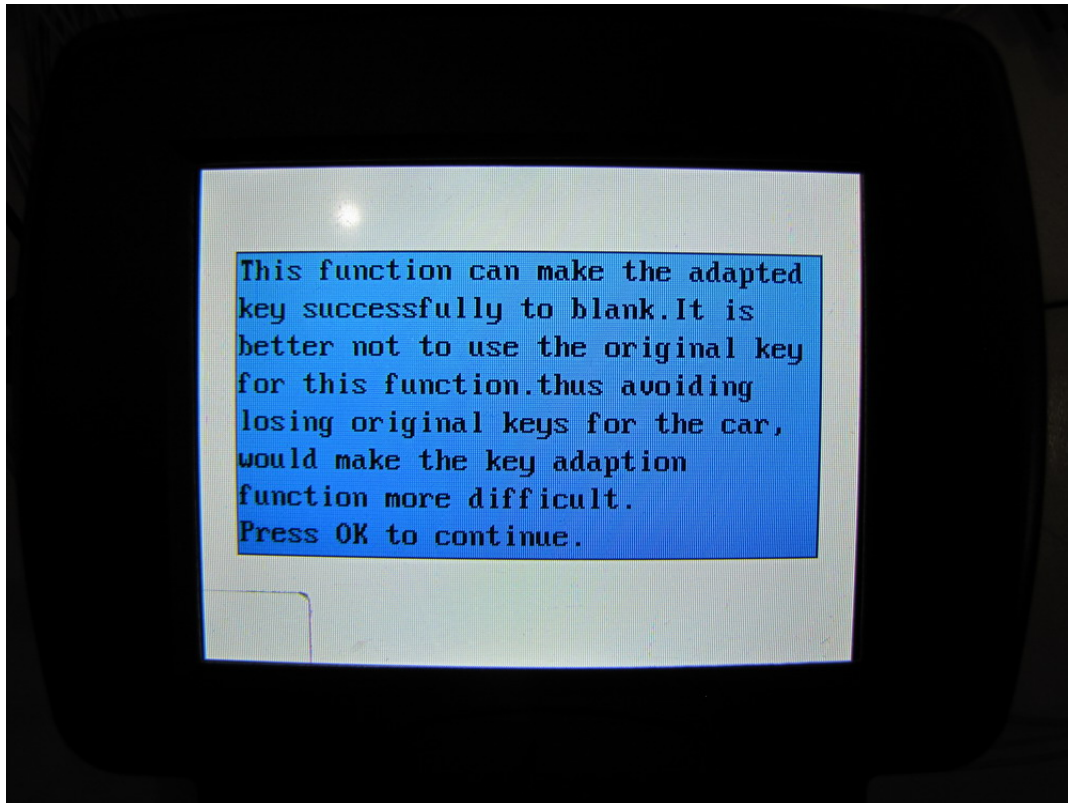

PICTURE 32

PICTURE 33

4. Choose "MAKE KEY BLANK". This process can make the adapted keys blank. Better not use the working keys from the car for this function, otherwise the working keys can not start the car any more, Press "OK" to continue.
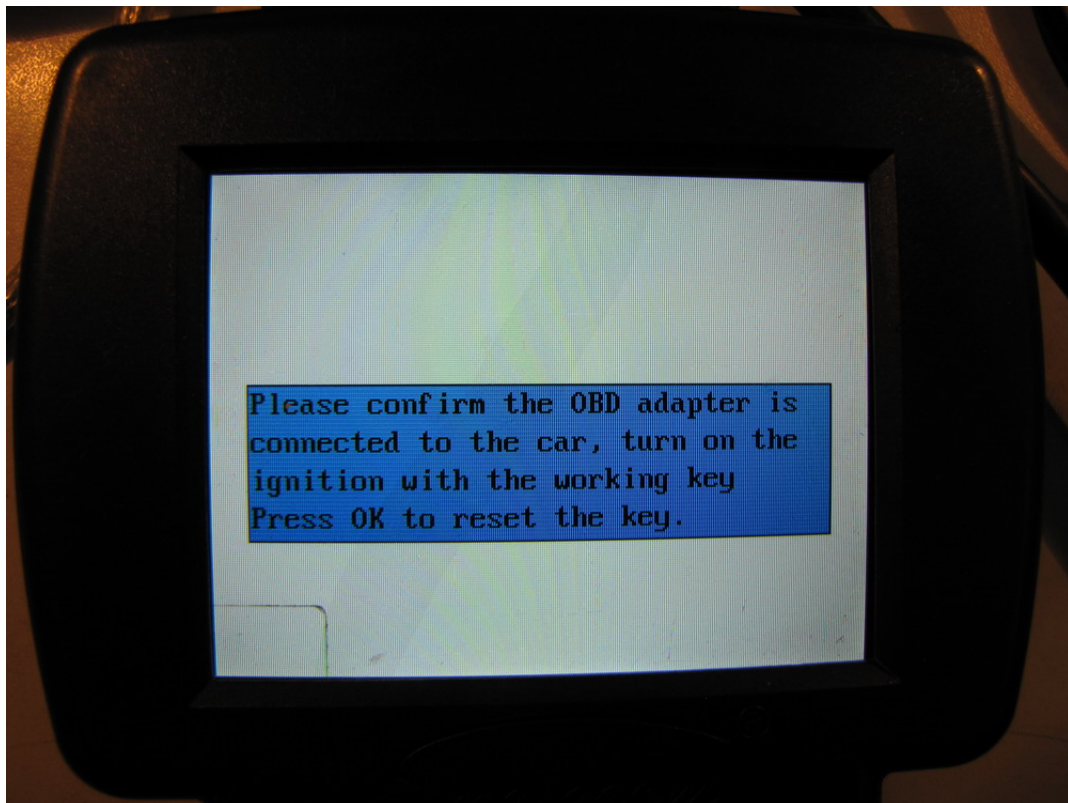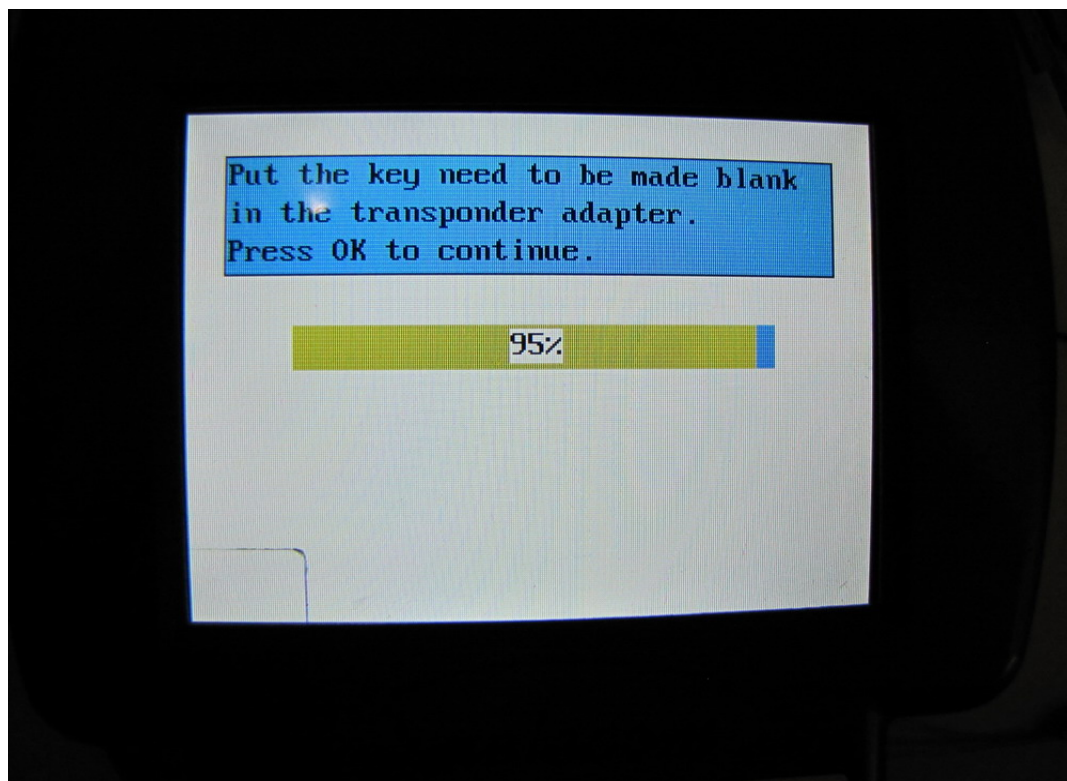

PICTURE 34

PICTURE 35

Please confirm the OBD adapter is connected to the car, turn on the ignition with the working key. Press "OK" to reset the key.
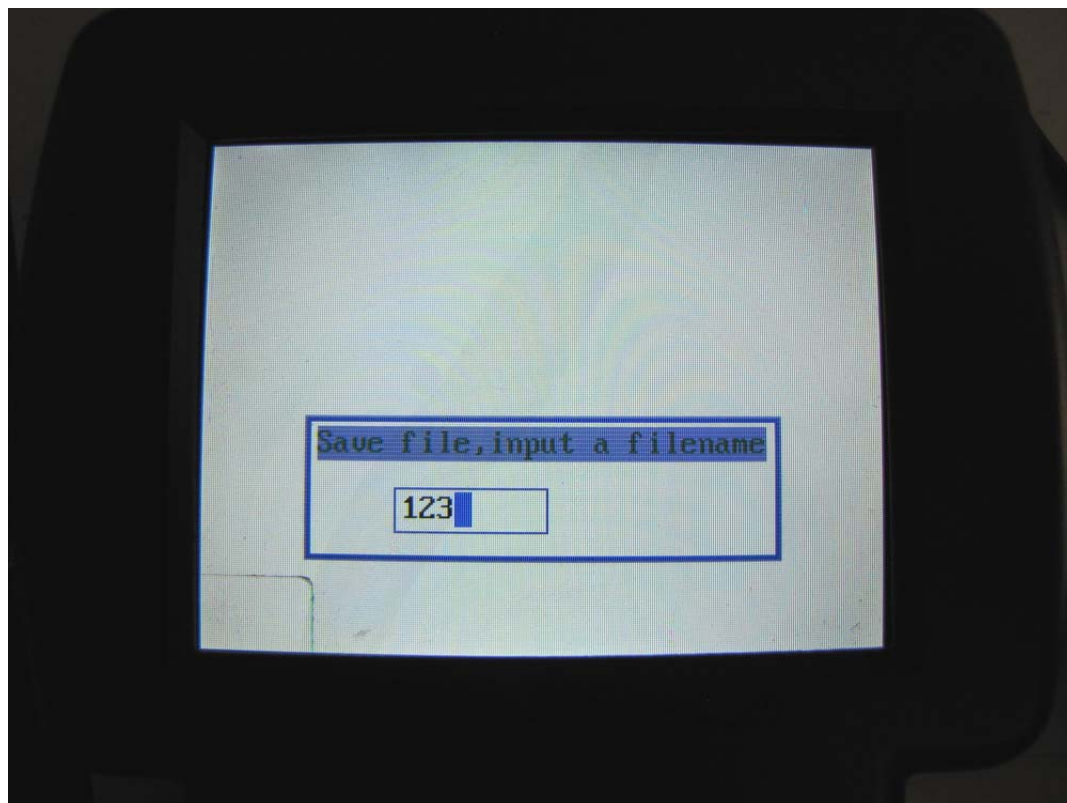

PICTURE 36

Put the key to be reset in the transponder adapter, Press "OK" to continue.
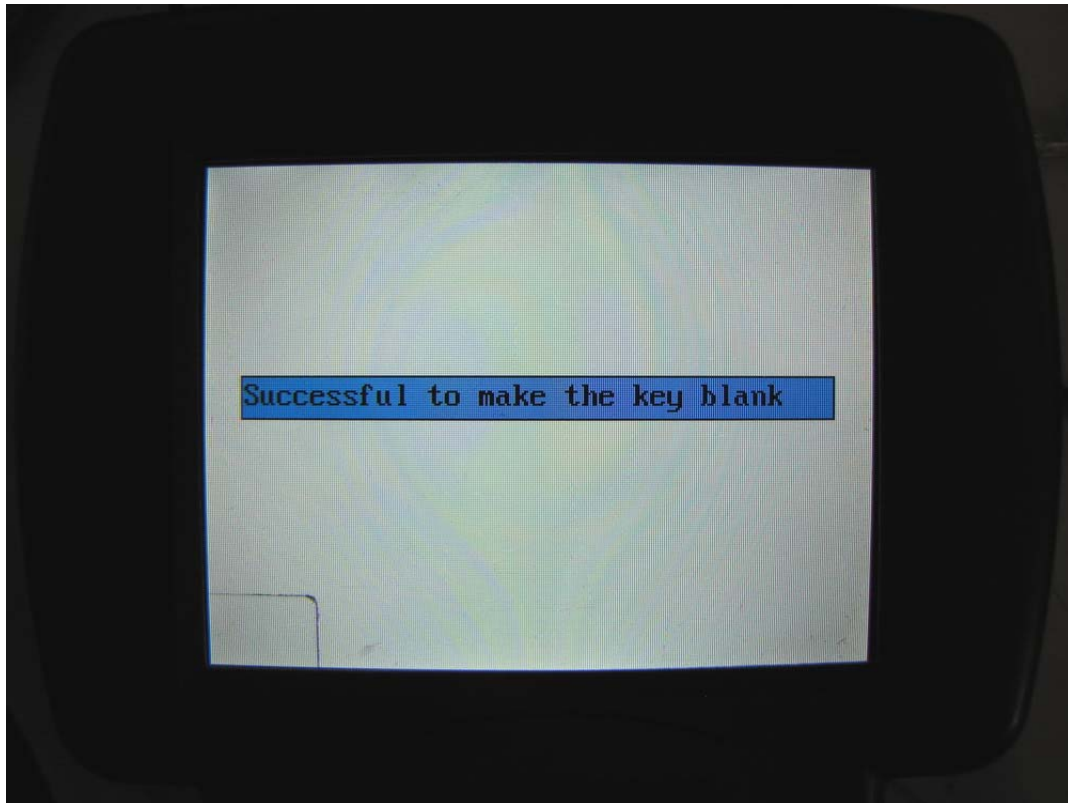

PICTURE 37

The tool will read the information from car, please input the file name to save it. This file is very important, please save it.
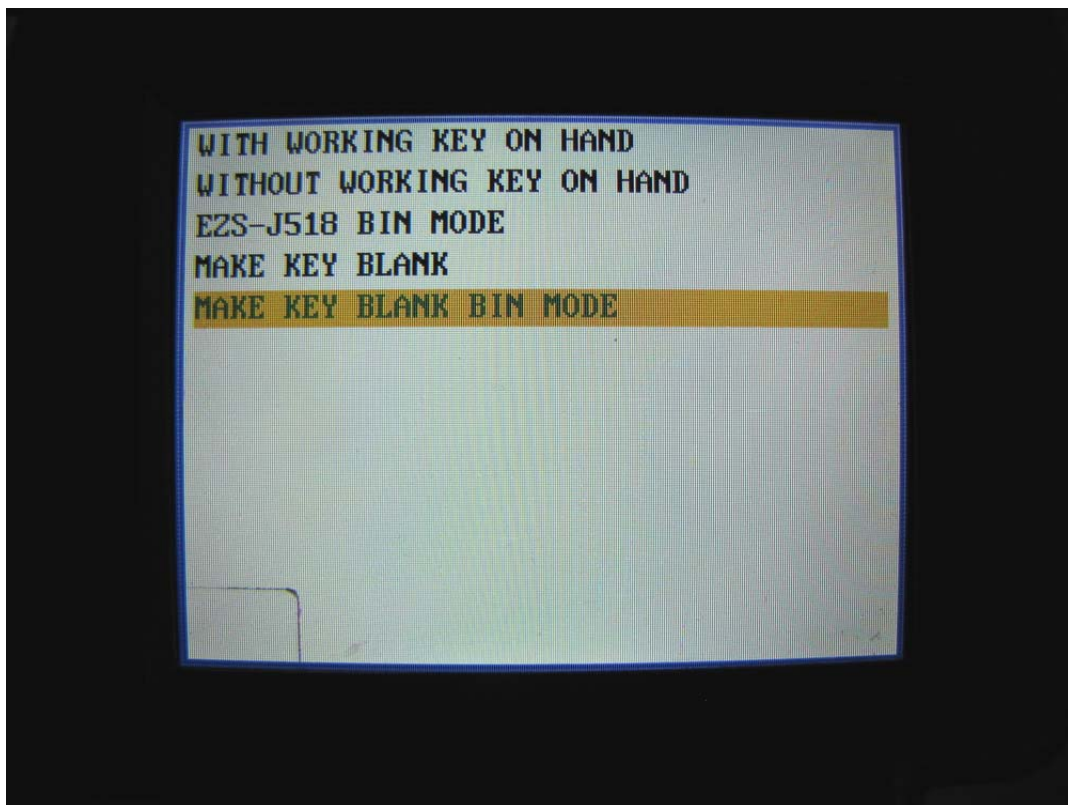

PICTURE 38

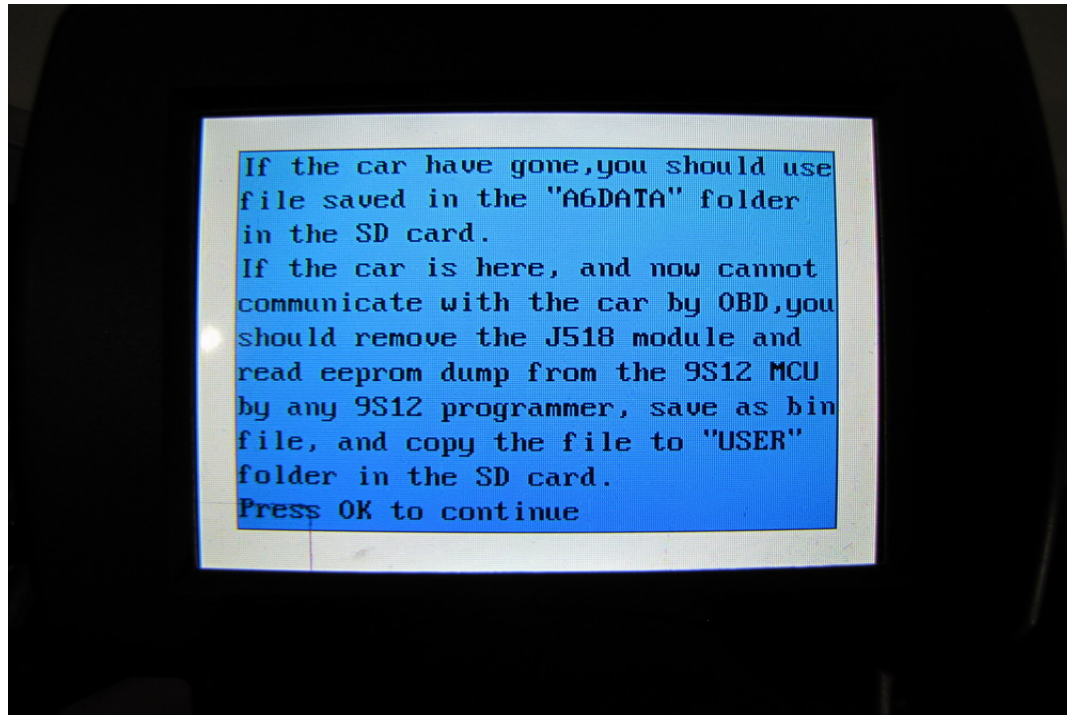**PICTURE 39**

5. Choose "MAKE KEY BLANK BIN MODE".

PICTURE 40

For this menu, you should have the J518 dump. If the car is not here, you should use the file saved in the "A6DATA" folder in the sd card, just the one you saved when you do the car. You should copy it to the "USER" folder in the SD card.
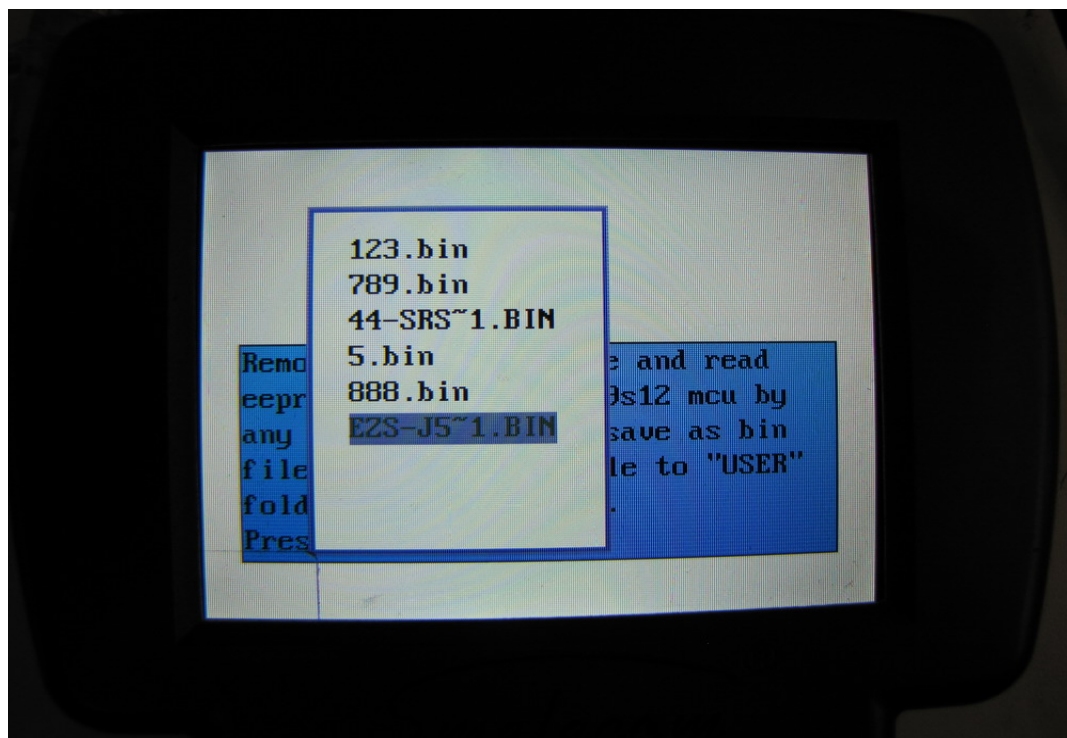
If the car is here, and now the tool can not communicate with the car by OBD, you should remove the J518 and read the eeprom dump in it , save as bin file, and copy the file to the "USER" folder in the SD card.
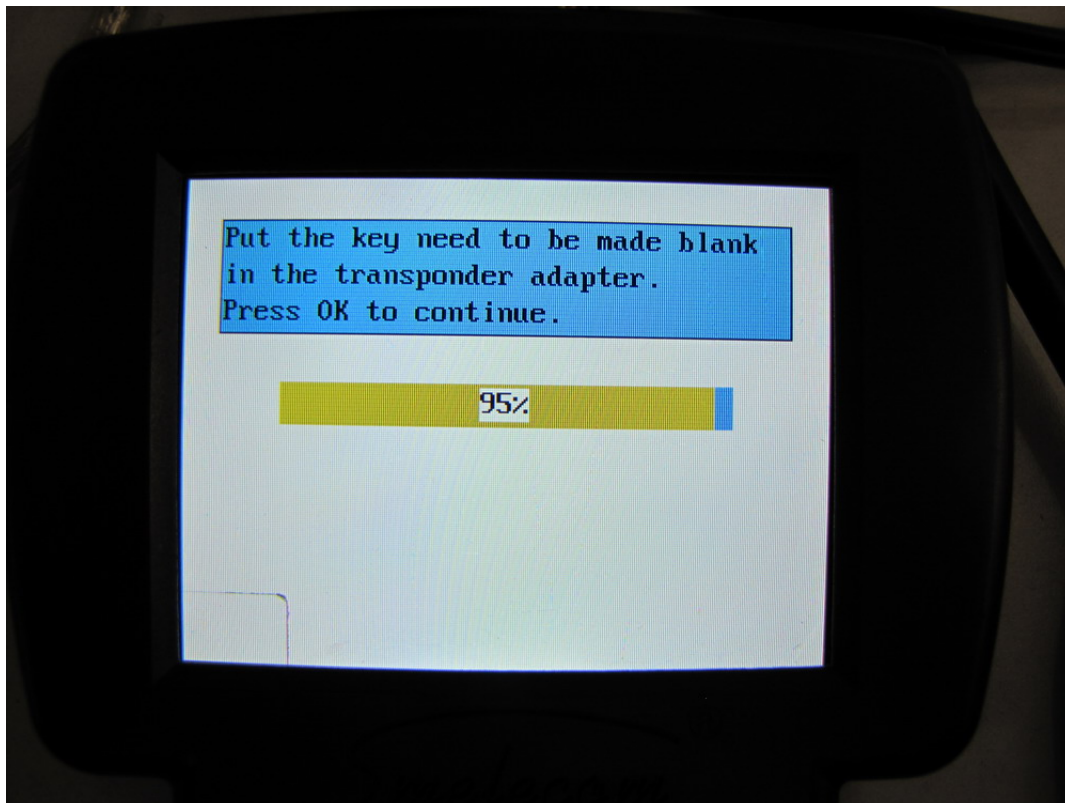
Press OK to continue.
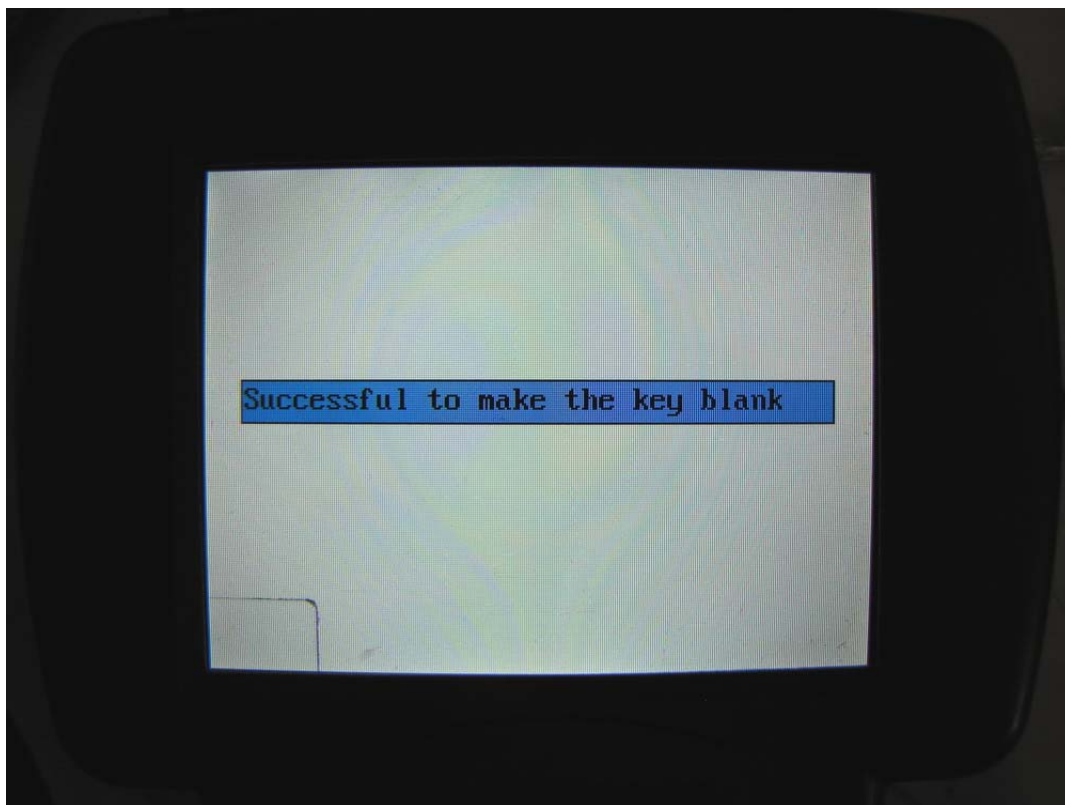

PICTURE 41

Select the file needed.

PICTURE 42

Put the key need to be made blank in the transponder. Press OK to continue. The tool will show you "Finished".

PICTURE 43

PICTURE 44

IMPORTANT NOTE: when making key adaption or writing key, you must put the key in the transponder adapter correctly, otherwise the tool cannot read ID from the key. Then you need to modify the position of the key; the key should be inside the ellipse and near the ellipse enough. Sometimes you put a key inside the ellipse and near the ellipse, but in fact the transponder inside the key is not inside the ellipse or near the ellipse!!

PLEASE SEE RIGHT AND WRONG POSITIONS ILLUSTRATED BELOW.

TRANSPONDERS LOCATION INSIDE THE KEY

CORRECT POSTION

WRONG POSITION

CORRECT POSITION

WRONG POSTION