

# AK90 Operation

**Step1 : Install software**

**Open the AK90 file from CD**



**Click “ SETUP “ for installing the software**



**Next step**

**User Information**

Type your name below. You must also type the name of the company you work for and the product serial number.

**Ignore here,just type any words is OK**

Name:

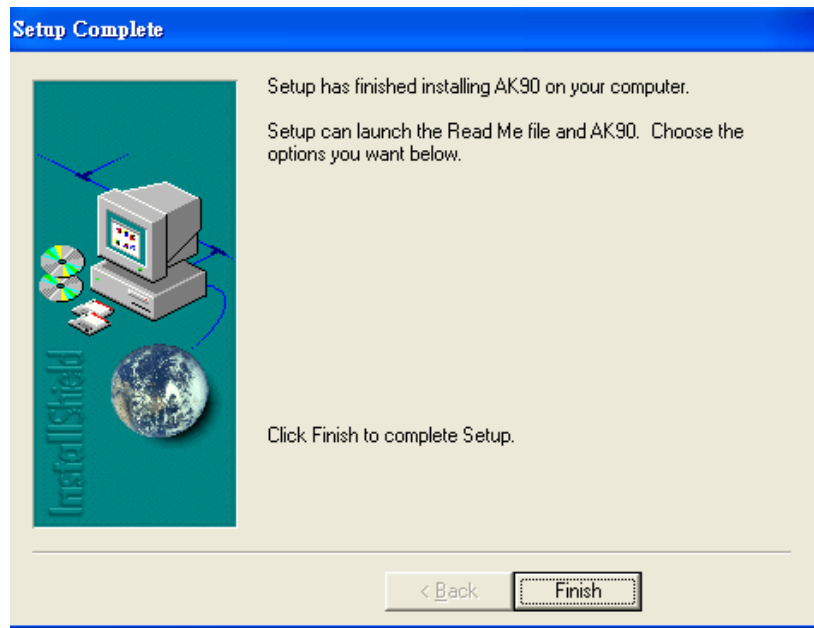
Company:

Serial:

**Ignore here,just type any words is OK**

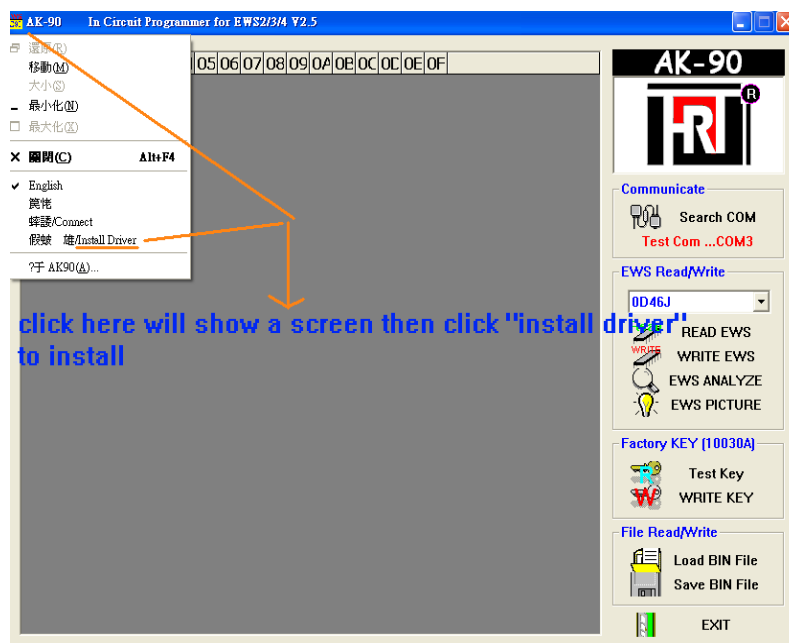
< Back   Next >   Cancel

## Next step



Software is installed completely

## Next step install driver for AK90

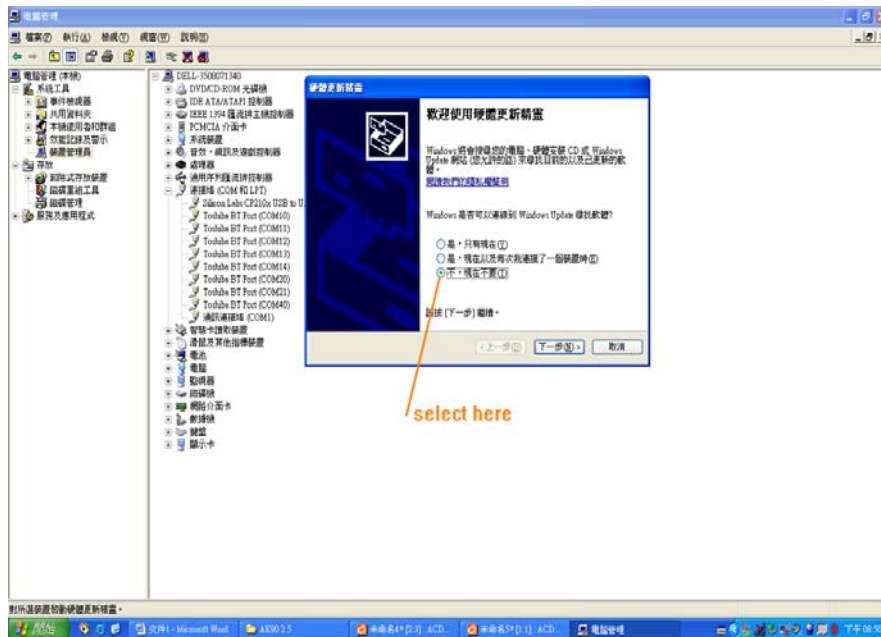


After installing driver plug AK90 to computer to test the connection of AK90 with computer .

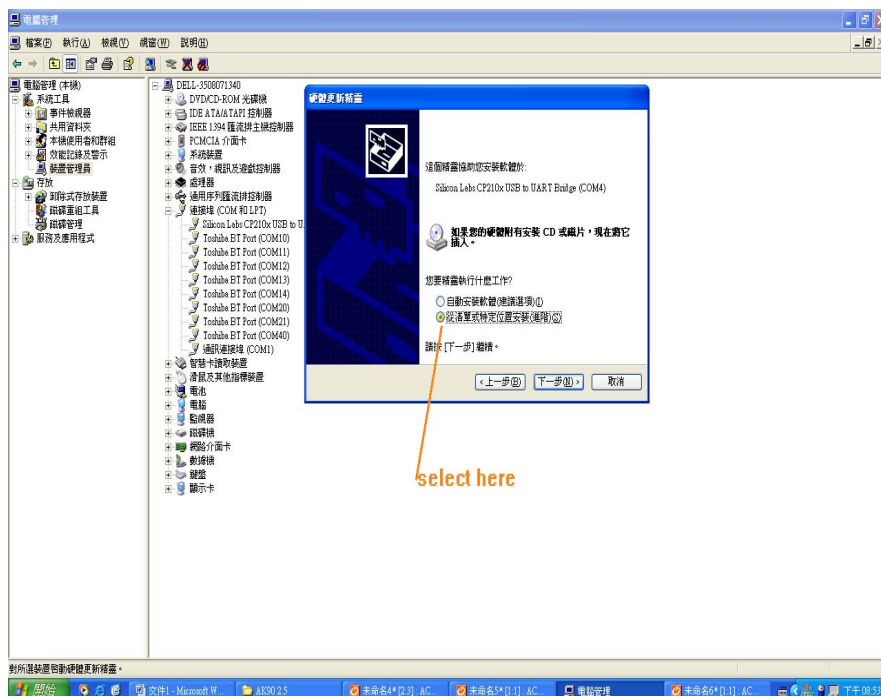
**PS: The connection port had better is “port2 to port5 “ , you also can change the port Number in computer manager selection of your computer .**

When you plug AK90 to computer if screen shows “ find a new unit “ and then asks you To install driver for unit , You need to install driver again by manually .

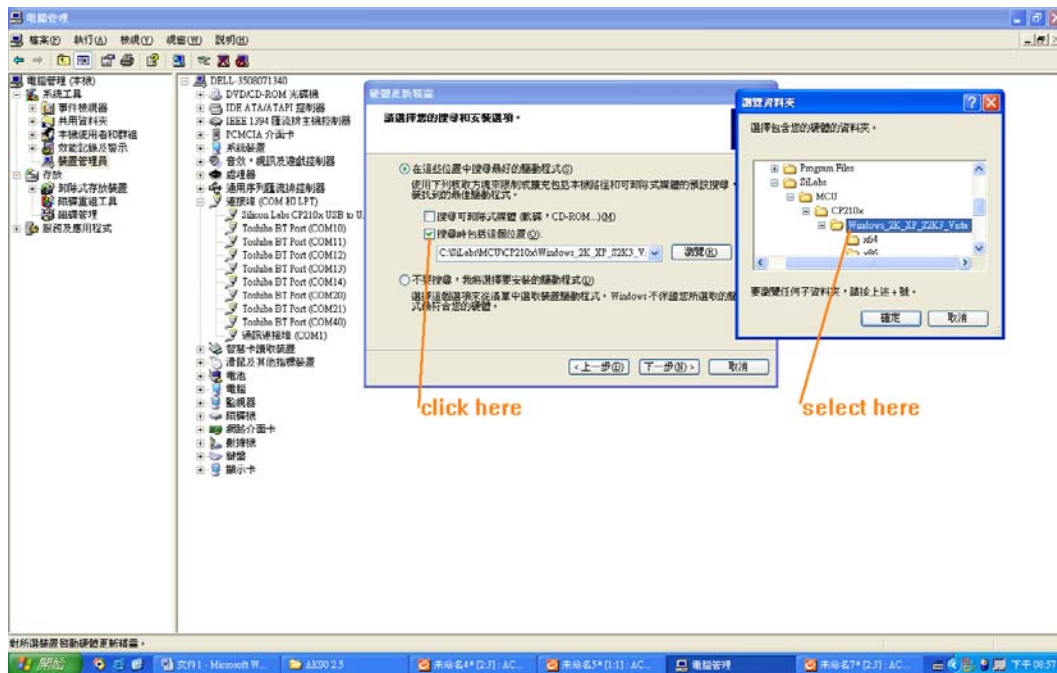
Get into “Disk C” to find out a file called “SiLabs” .



Next step



Next step



Next step

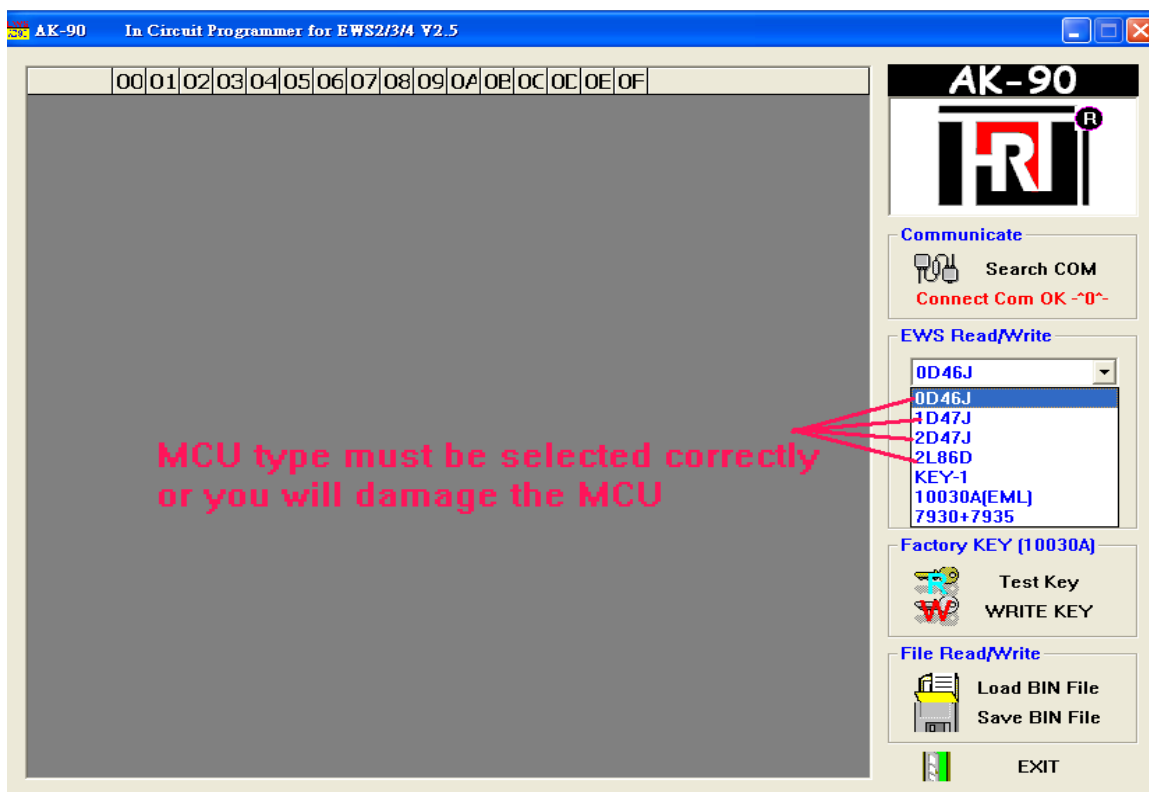
After driver installed completely then plug AK90 to computer .

**Note:** plug AK90 to PC , you will hear a sound “ Bi “ means unit connects to PC successfully  
Then start the software . Do not open the software first without plug AK90 to PC .





If the security key is checked OK , you will hear a sound “ Bi Bi Bi “ for 3 times .  
Then you can start every function in AK90 software



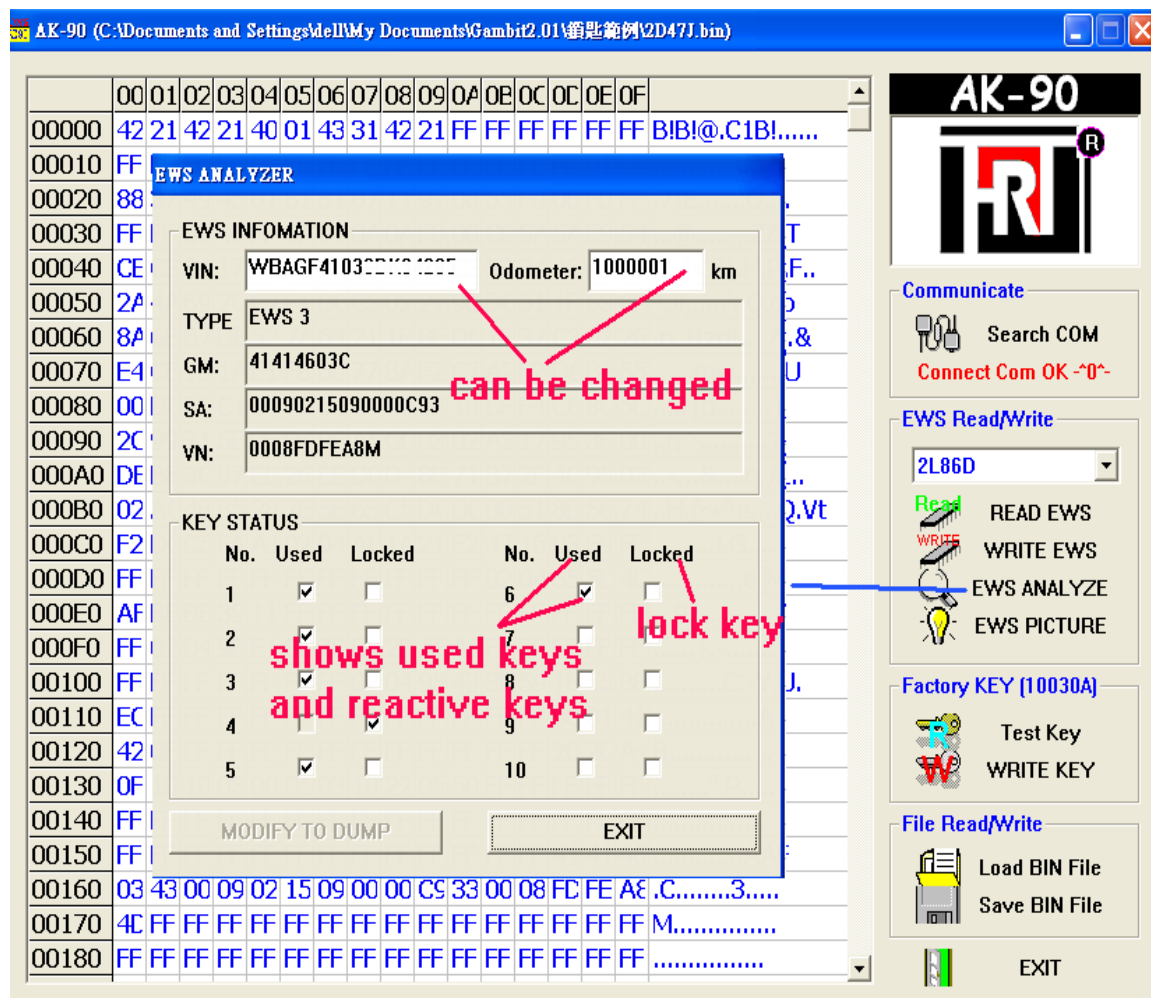
Please see the EWS picture on the software for the help with how to  
connect MCU for EWS2,3,3+ and EWS4



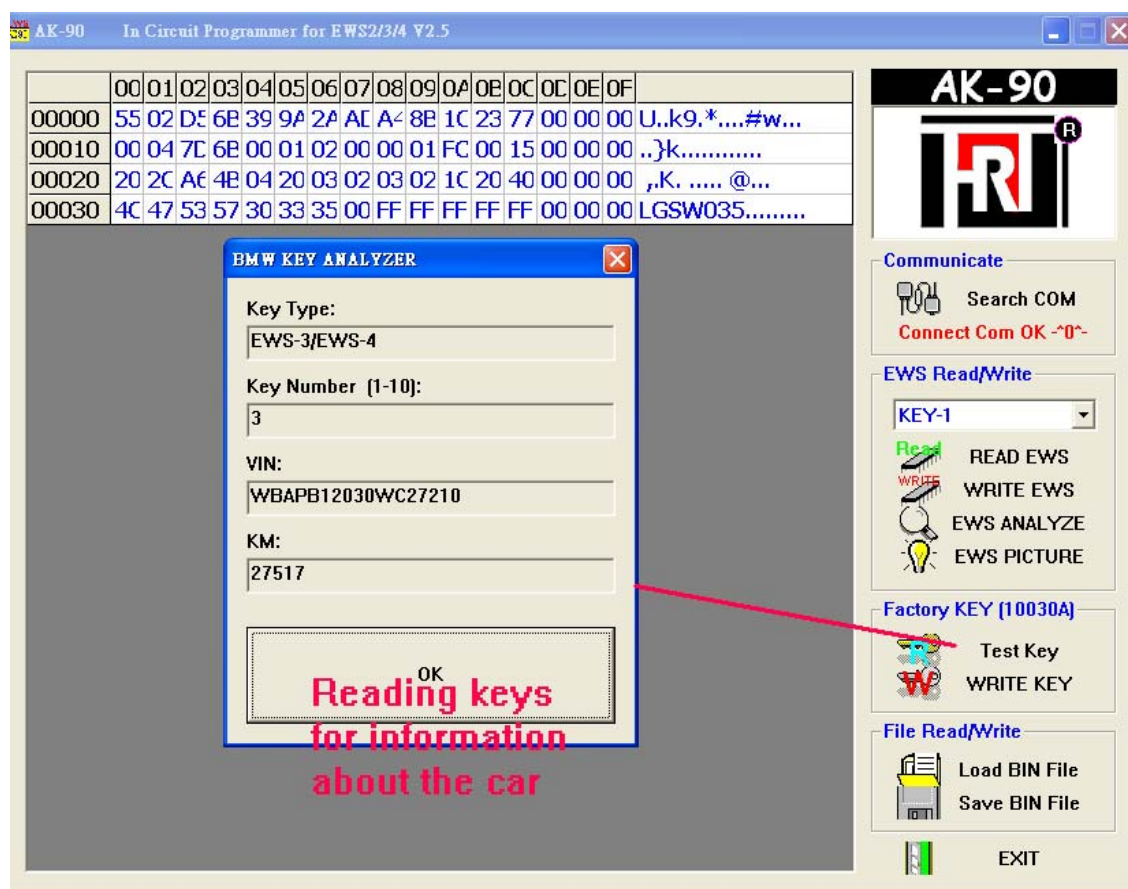


For EWS2,3 you have to clean the pins on the MCU for reading data .

For EWS4 you only solder a 6 wires on circuit by following the number on the cable.

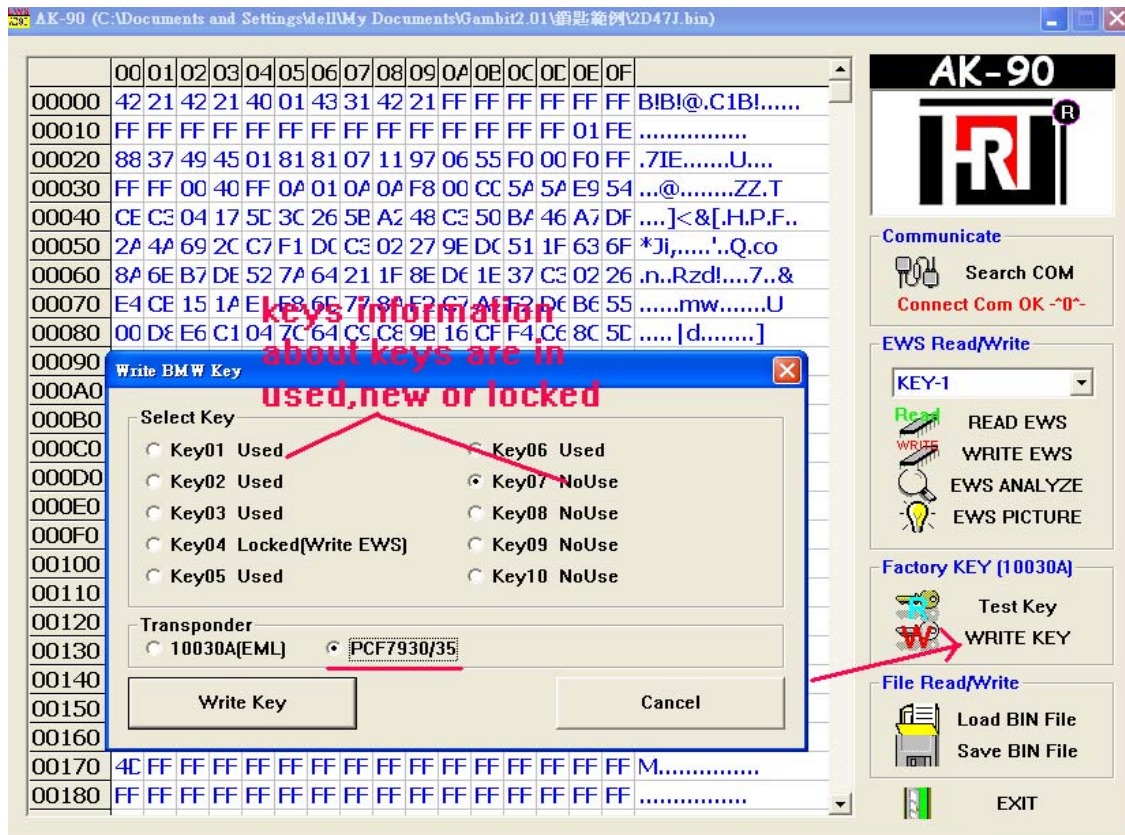


## Reading keys



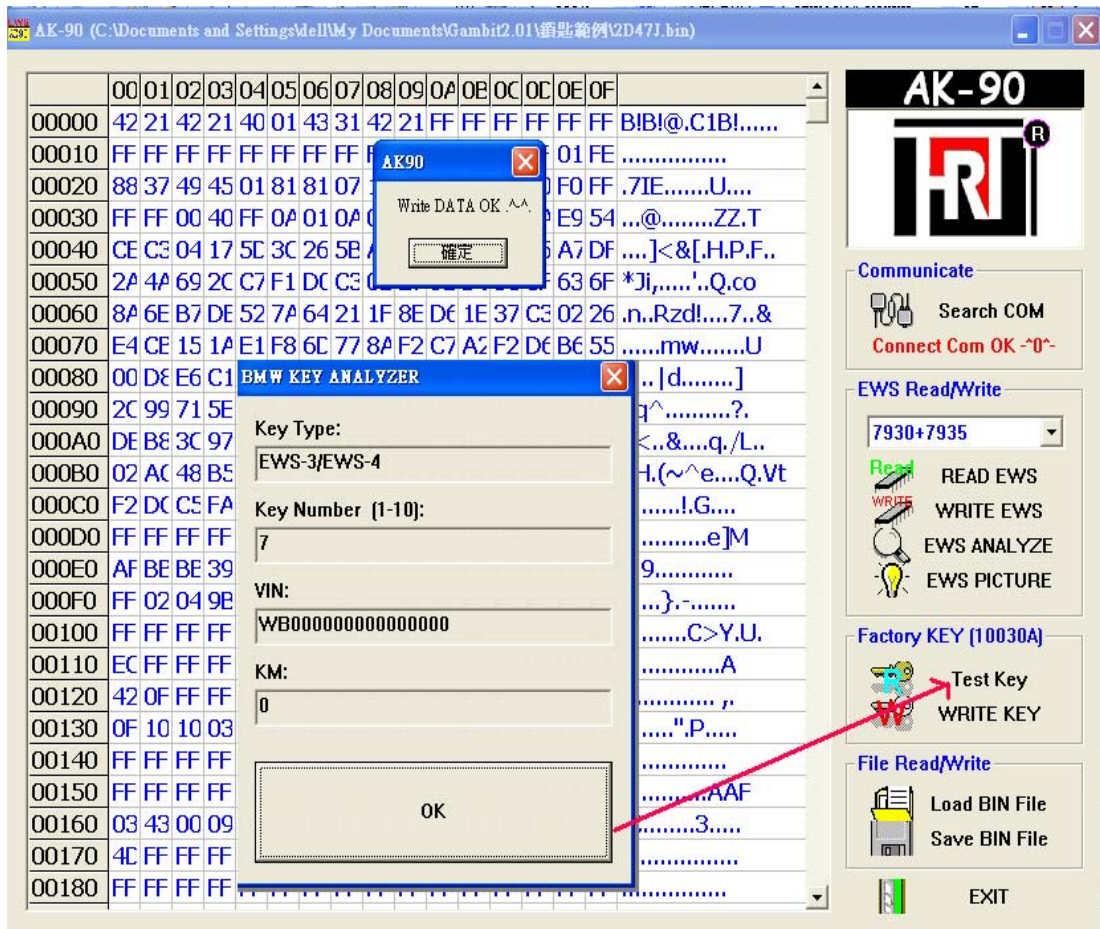


## Writing keys into PCF7935



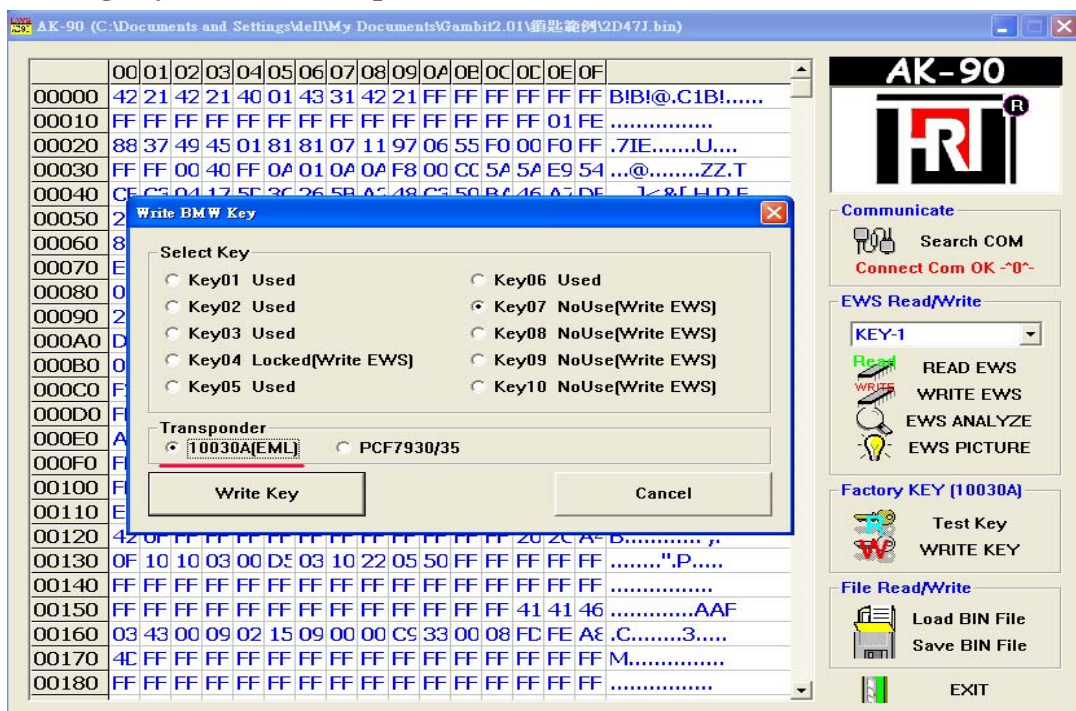
Waiting for 1 minute , do not move during programming  
Or the key will be failed in programming





After programming keys , you also can test the key again to see  
If the key number is correct.

## Writing keys into EML chips



**Please check the battery power if it is in full power before programming**



**Now you can start the car with the new key , turn ignition on to wait for 5 sec .**

#### **Another function**

**AK90 can read keys with CAS system only , not program .**



