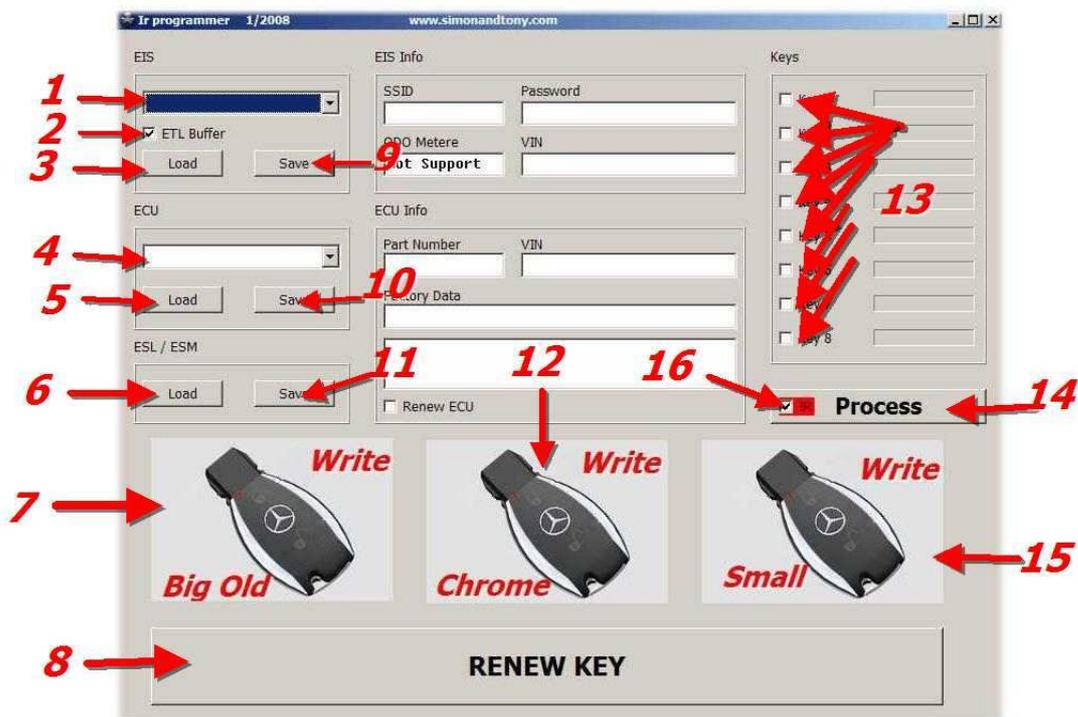


## Ir programmer Manual



1- EIS type

2- use offset buffer (  Use Offset ETL ) - (  Use Offset Xprog )

3- Load EIS dump

4- ECU type

5- Load ECU dump

6- Load ESL or ESM dump

7- access Ir Programmer for big plastic key .

8- access Ir Programmer for RENEW key function .

9- save EIS dump (option )

10- save ECU dump (option )

11- save ESL or ESM dump (option )

12- access Ir Programmer for Chrom key

13- (  key 1 select to generate)- (  key 1 don't generate )

14- Process ( generate select keys/modify all loading dumps )

15- access Ir Programmer for small plastic key .

16- (  IR generate keys dumps for Ir Programmer use)- (  ETL generate keys dumps for Xprog or ETL or other MC68HC05E6 programmer use.

# www.obd2express.co.uk

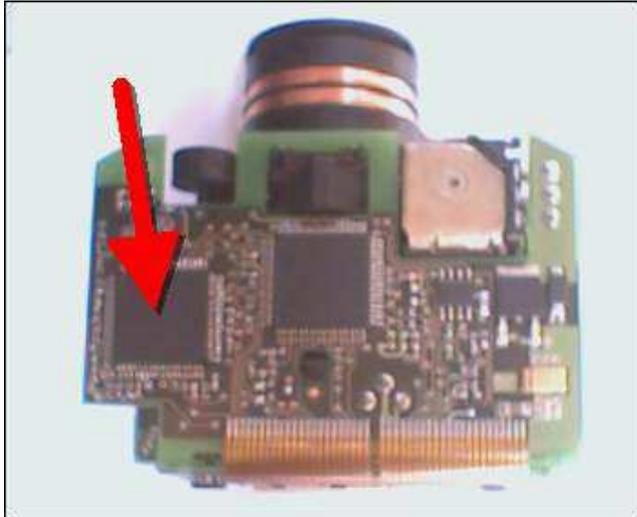
## How to use it

Example for W215 /W203/W230

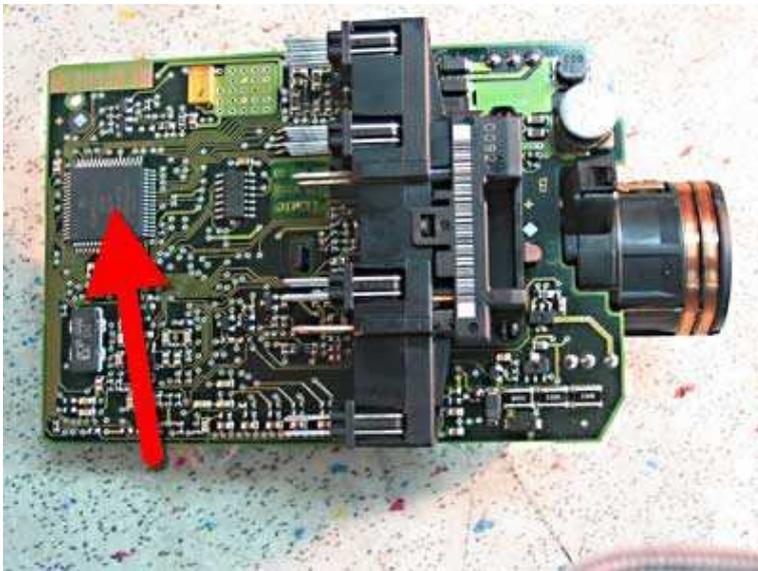
All type year 2000 und up need to modify (EIS /ESM/ECU )

First we have to read mcu from EIS and EEPROM 93c56 from ESM and 95080 form ECU type ME2.8 save all as BIN file .





W215



W203

choose EIS type

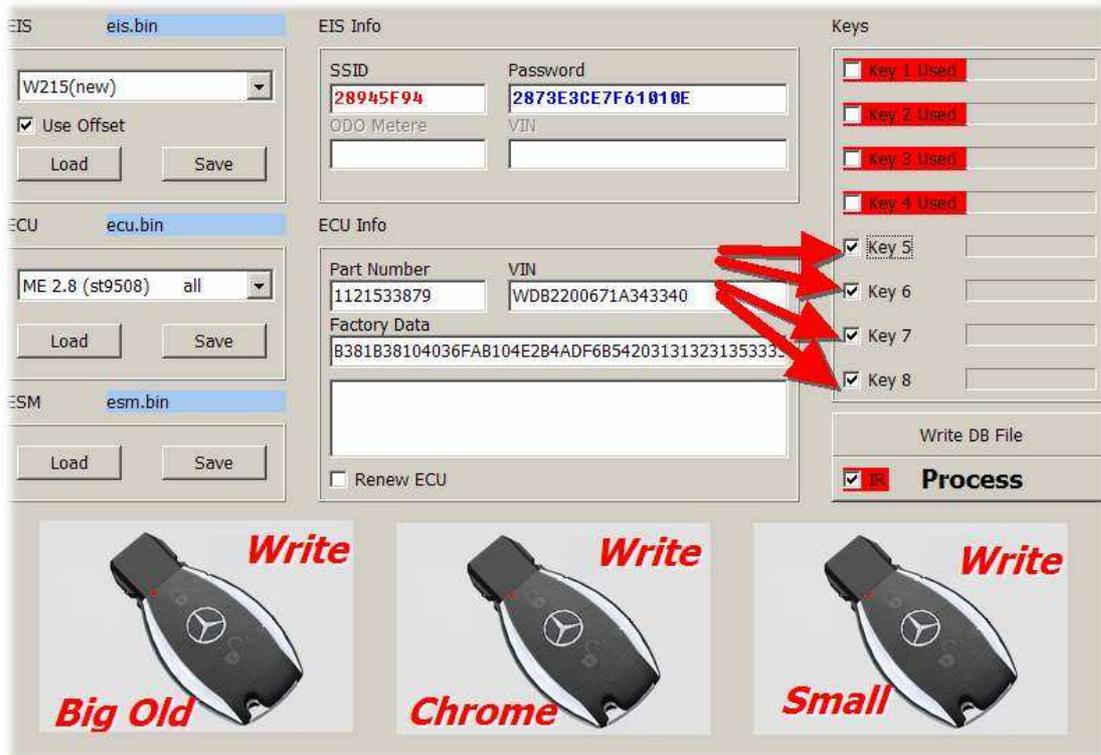
<b>EIS</b>	<b>EIS Info</b>
<input type="text" value="W215(old)"/>	SSID <input type="text"/>
<input checked="" type="checkbox"/> Use Offset	ODO Metere <input type="text"/>
<input type="button" value="Load"/> <input type="button" value="Save"/>	
<b>ECU</b>	<b>ECU Info</b>
<input type="text"/>	Part Number <input type="text"/>
<input type="button" value="Load"/> <input type="button" value="Save"/>	Factory Data <input type="text"/>

1- load EIS mcu and ECUchip 95080 and load ESM chip93c56

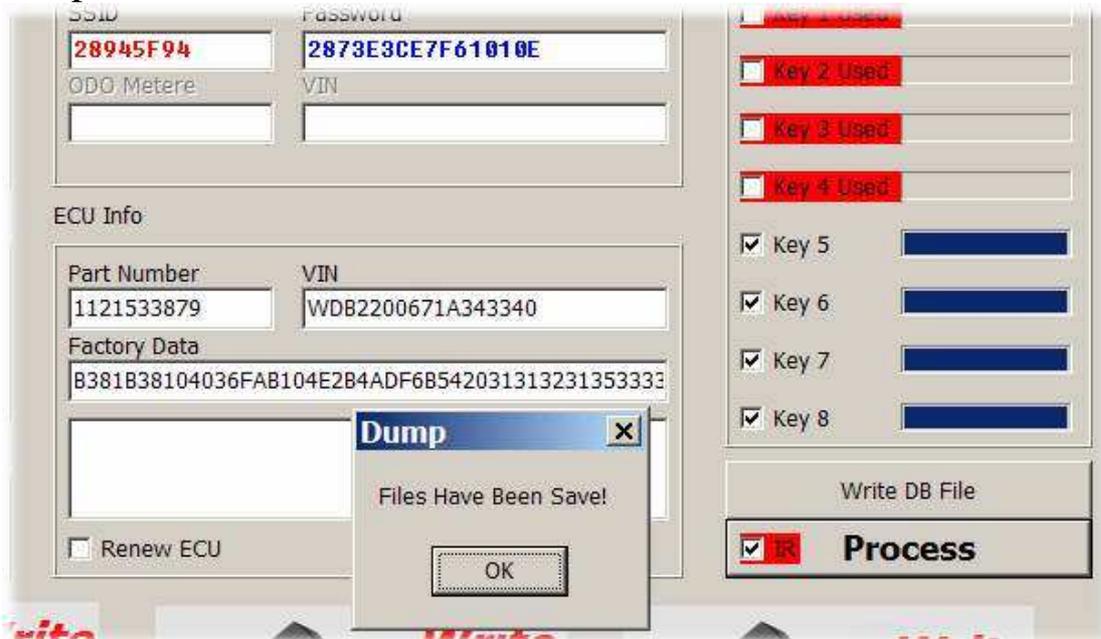
The screenshot shows the software interface for key programming. It includes sections for loading EIS, ECU, and ESM files, displaying EIS and ECU information (SSID, Password, Part Number, VIN, Factory Data), and selecting keys to be programmed. The 'Renew Key' section offers options for 'Big Old', 'Chrome', and 'Small' keys. A 'Process' button is located at the bottom right of the interface.

SSID and Pass appear

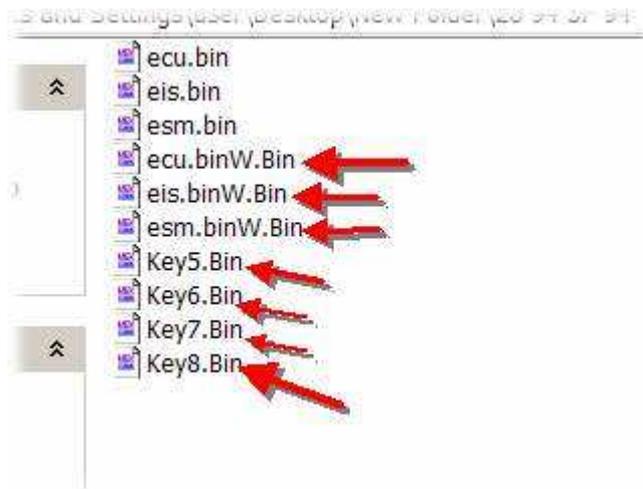
Choose key to generate we choose as example key 5/6/7/8



press Process



Files Have Been Save message appear to inform you thats EIS / ECU /ESM had modify and save in same folder and keys 5/6/7/8 had generate and save in same folder



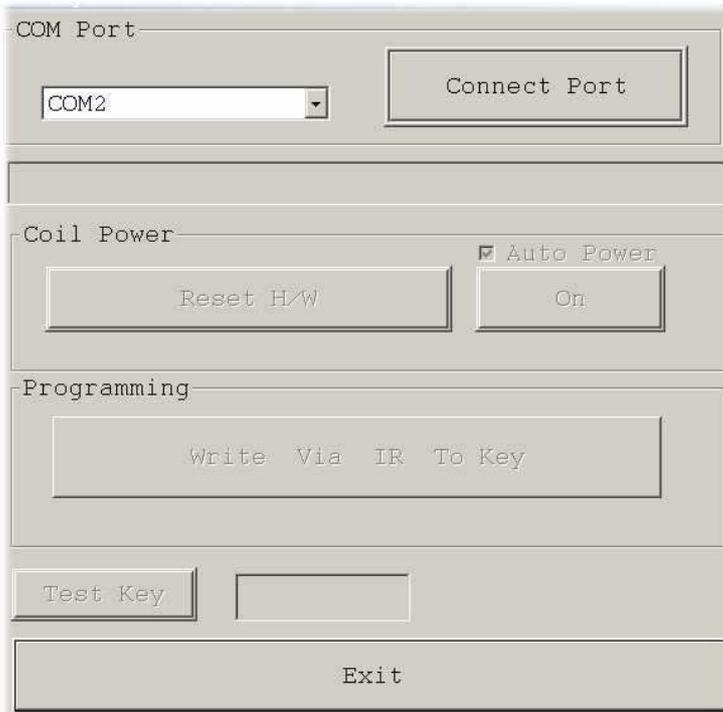
Write all modify dumps to chip and mcu  
Now we have end from modifying dumps and generating the keys .

### Programming the key

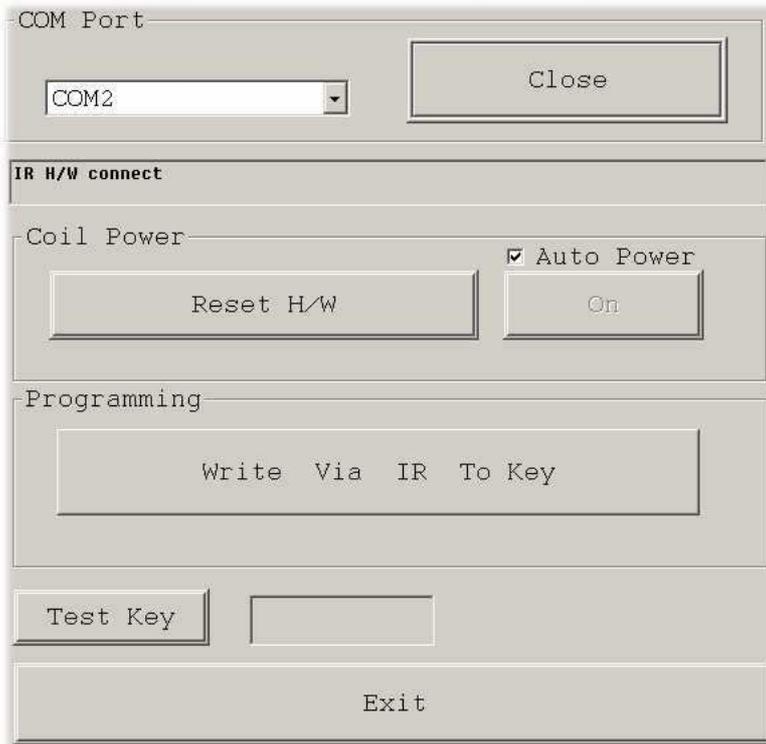
We have chrom key .



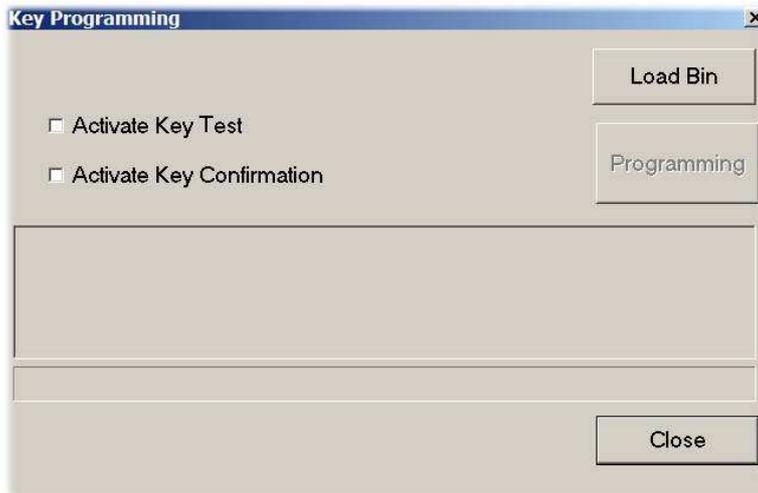
Insert key into programmer then press (Write Chrom)



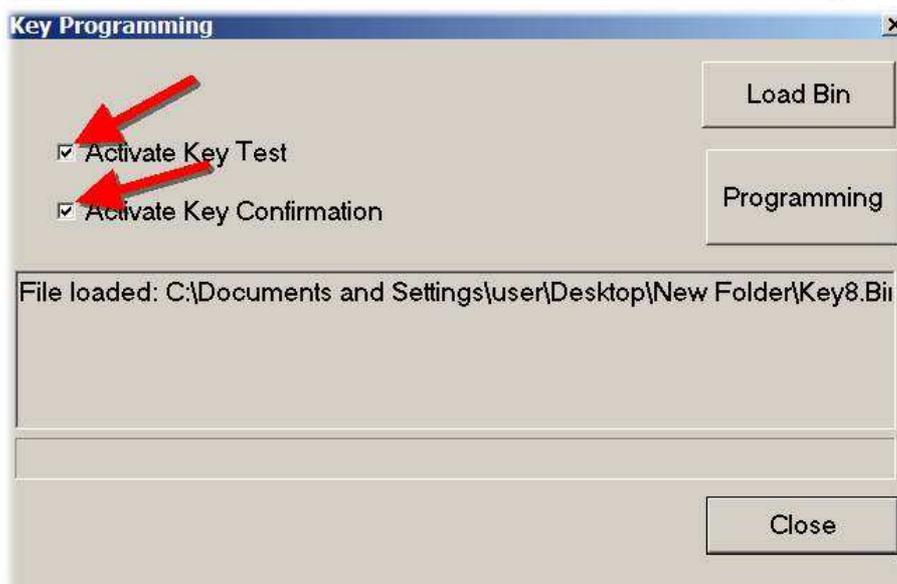
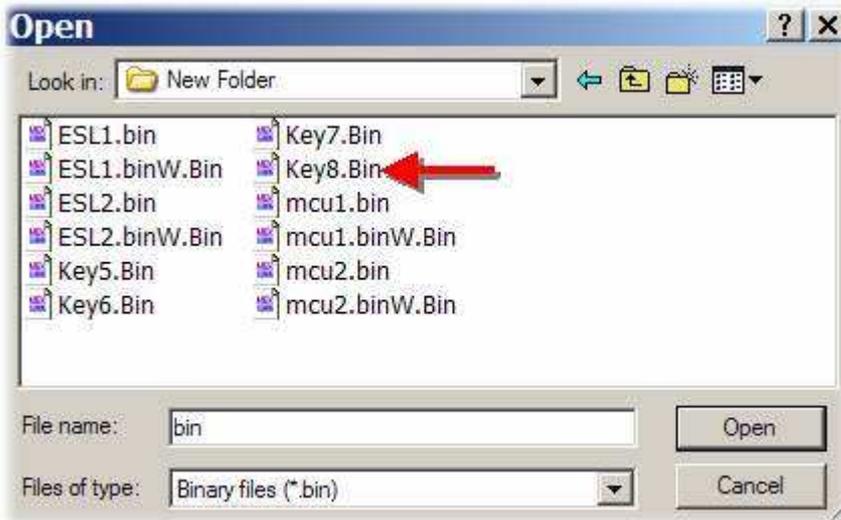
IR dialoge appear select free COM port and press connect port



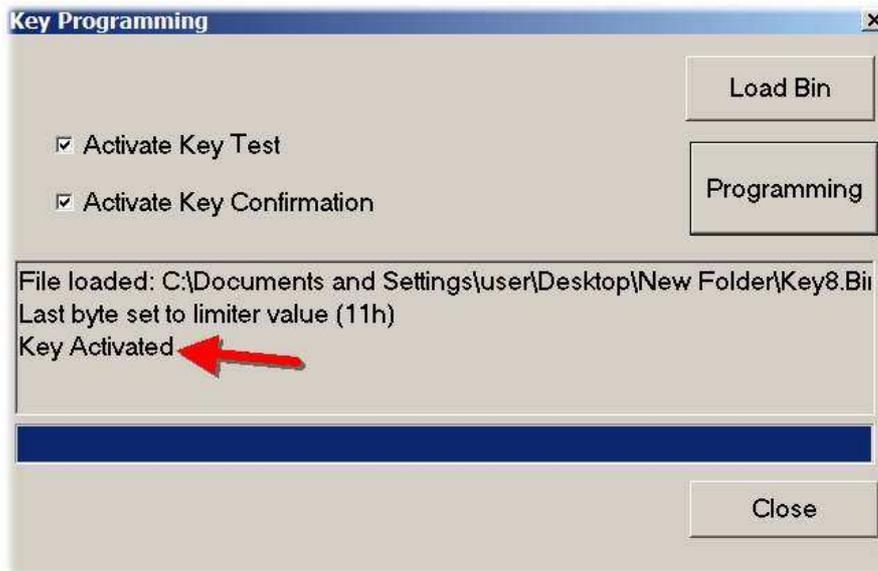
Message ( IR H/W connect ) must appear . if no't check cabel or select eerror port .  
press (Write Via IR To Key)



Key Programming dialog appear ,press load BIN to load key bin file from folder .



Active tow check box and press (Programming ),after few second ( Key Activated )



### Programming Key Activated

Insert key into EIS , key LED on thin off that's mean key programming is end and you can run car .