

## **CG100 Programmer III Users manual**

Hardware type:

**CG100-III**

**BDM+4**

**Reading carefully before working on.**

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## CG100 User manual

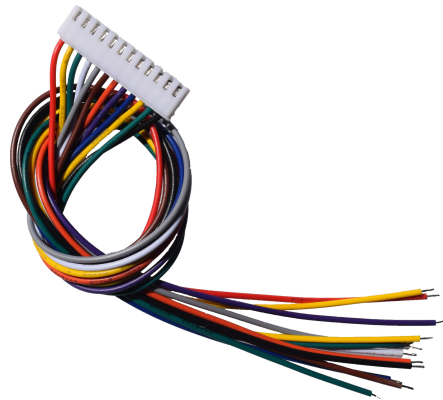
Dear all valuable customer, Before using our products, its very pleased to appreciate to your support and trust on our products. next ,we'd like to explain the function and using of CG100 for you. and then it could be helping you to solve any question when you re working on . **CG100 divided two parts. Hardware equipment and software driver.** Hardware equipment is including **USB line ,Power supply, main machine, BDM adapter, ATMEGA board, CAN board, welding line** ,providing freely repair in full long term time, in case of using stable for all customer. Software driver need to download in our website, which should be according to the model of BDM adapter in your hand. What's more ,software driver freely upgrade for all CG100 user.

The main machine of CG100 also divided two parts **basic function version and full function BMW version**, what difference is one with 'ECU repair' and another without. its essential function of connecting between them which not replaced .one side in the main machine to connect USB line and power supply , Other side ,connecting BDM adapter, the data readed out from BDM adapter can be converting ,displaying on the software, which can write and save.

## II、 [Hardware equipment introduction](#)

### 1. USB wiring、 adaptor、 12P wiring





Its very essential not be replaced **12V adpator and USB wiring** can be working normally when connect the computer software driver and electrify, But you should be more attention to check the Interface if is loose or not after you working on it in long time; 12P Welding line is consists of 12 piece line,and Each line has a corresponding number connecting BDM adapter and debug computer.You need to weld according to the wiring diagram in the software driver , otherwise will

appear as can't find the error of the chip

## 2. Main board



The main machine of CG100 also divided two parts basic function version and full function BMW version, what difference is one volkswagen, BMW, Bentley with 'ECU repair' and another without. its essential function of connecting between them which not replaced .one side in the main machine to connect USB line and power supply , Other side ,connecting BDM adapter, the data readed out from BDM adapter can be converting ,displaying on the software, which can write

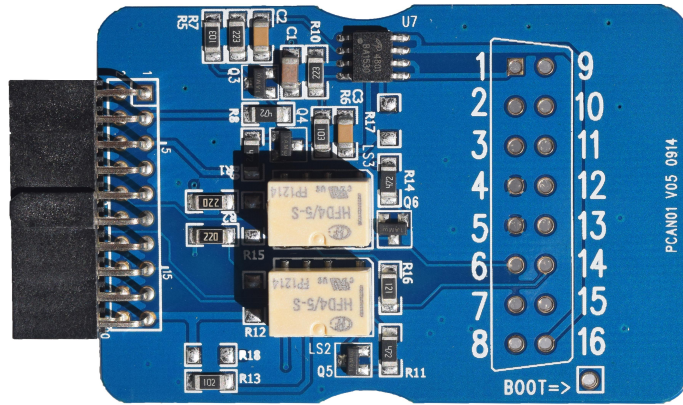
and save

### 3. BDM+4 Adaptor



As you know, it's very popular for BDM+4 adapter in the mainstream market. Divided BDM+3 and BDM+4 function same, but version difference. The version of BDM+4 is advanced than BDM+3, which it will be much more convenient between the speed of reading and accuracy of writing the data. It also supports much of the model of car and CPU. At present, it's our main introduction of BDM+4 to our customer. Which there are no new versions come out. BDM adapter mainly used to the chip of RENESAS, INFINEON, ST, MOTOROLA, ATMEL, NEC. It both can be working smoothly to meet customer's demand either Instrument air bags or Body computer auto power amplifier.

## 4. CAN Adapter



CAN board. It only can be used when you open the ” ECU repair ” or full function version, the function and user method is the same as the BDM adapter and ATMEGA board. The three almost same. But, it's not completely different between the chip and places of Application. Better to refer to equipment detailed parameters, in case of mistake abnormally .

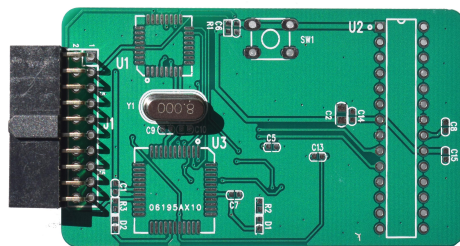
## 5. KEY Adapter





KEY adapter support all kinds of cars key to be matched for users with full version of CG100 , providing freely KEY adaptor, which can be match CAS3 CAS3+ CAS4 CAS4+ calculate ISN code, analysi CAS data right or

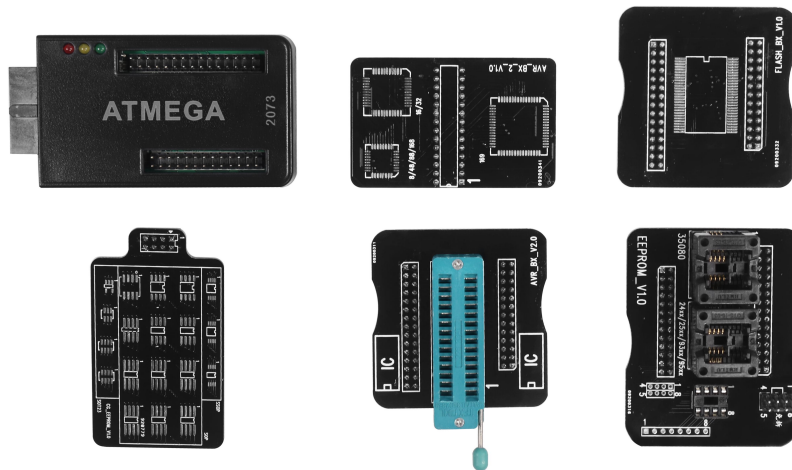
### **6.ATMEGA Adaptor board**



ATMEGA board mainly use to the chip instrument of ATMEGA, it s same function and using method as BDM adapter. we suggest the customer better to find standby

chip to test before using, In case of original data damaged .

## 7.ATMEGA adapter



### ATMEGA Adapter function

35080:M35080DQ080.M35080DQ160.M35080.3/6.M35080

V6/VP(5seconds to finish era and directly tune number of kilometers )

ATMEGA parallel:

MEGA8L.MEGA48.MEGA88.MEGA16.MEGA32.MEGA169(

Can finish erase ATMEGA8L used in second time)

24 series:

24C01 24C01A 24C01B 24C02 24C02B 24C04 24C08 24C16

24C32 24C64 24C128 24C256 24LC01A 24LC02 24LC04

25 series:

25010 25020 25040 25080 25160 25320 25640 25128 25256

93 series:

93A86 93C46 93C56 93C57 93C66 93C76 93C86 93CS56

93CS66 93LC46 93LC56 93LC66 93LC76 93LC86 93S56

95 series:

95010 95020 95040 95080 95160 95320 95640 95128 95256

X series:

X5043

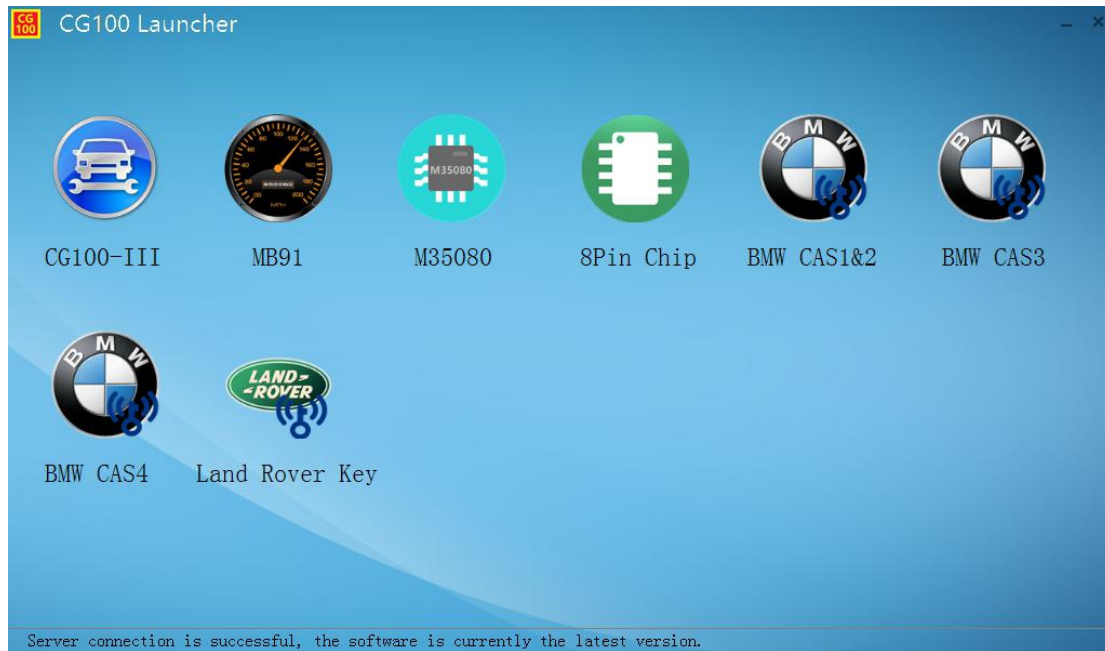
Parallel FLASH:

AMD:AM29BL802D(can remove Faw DLXMT34 anti-theft)

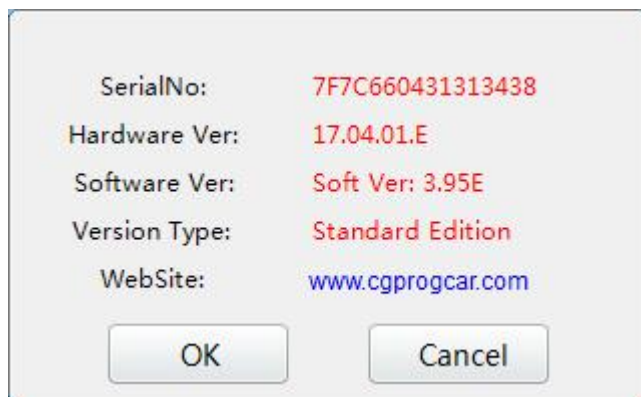
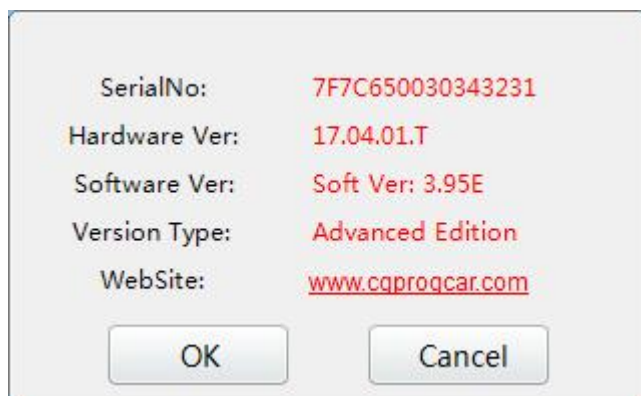
**Note:ATMEGA adapter not include promotion price,need to buy sperately if you need or not.**

## **III. Software driver diagram**

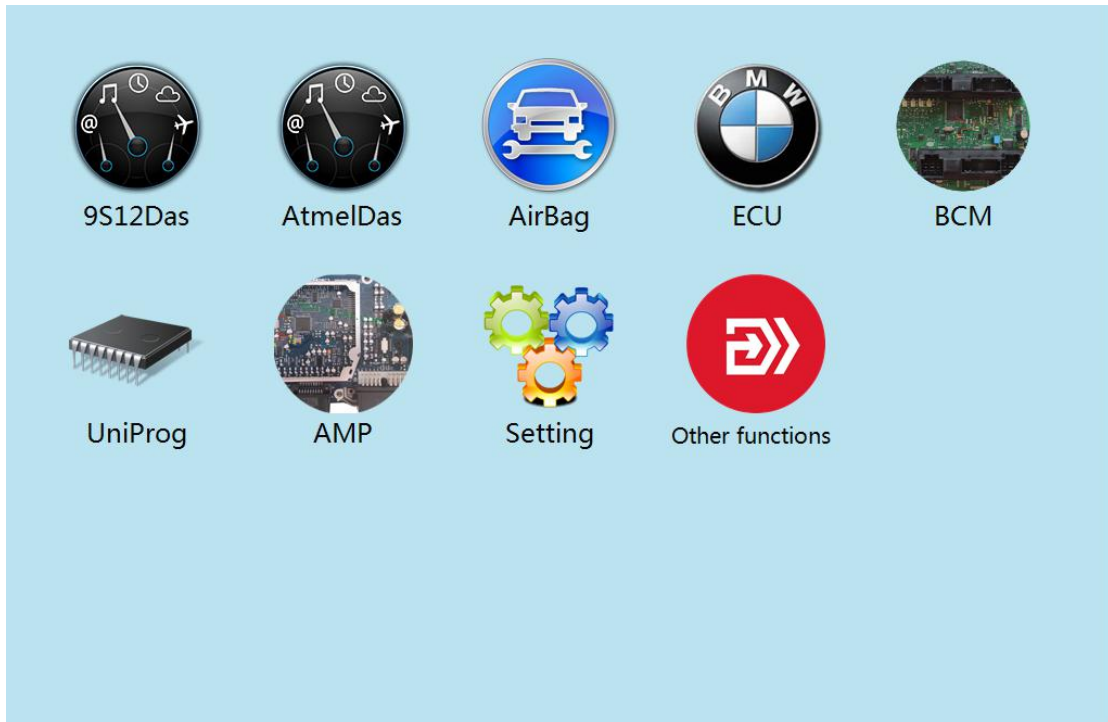
### **1. CG100 interface**



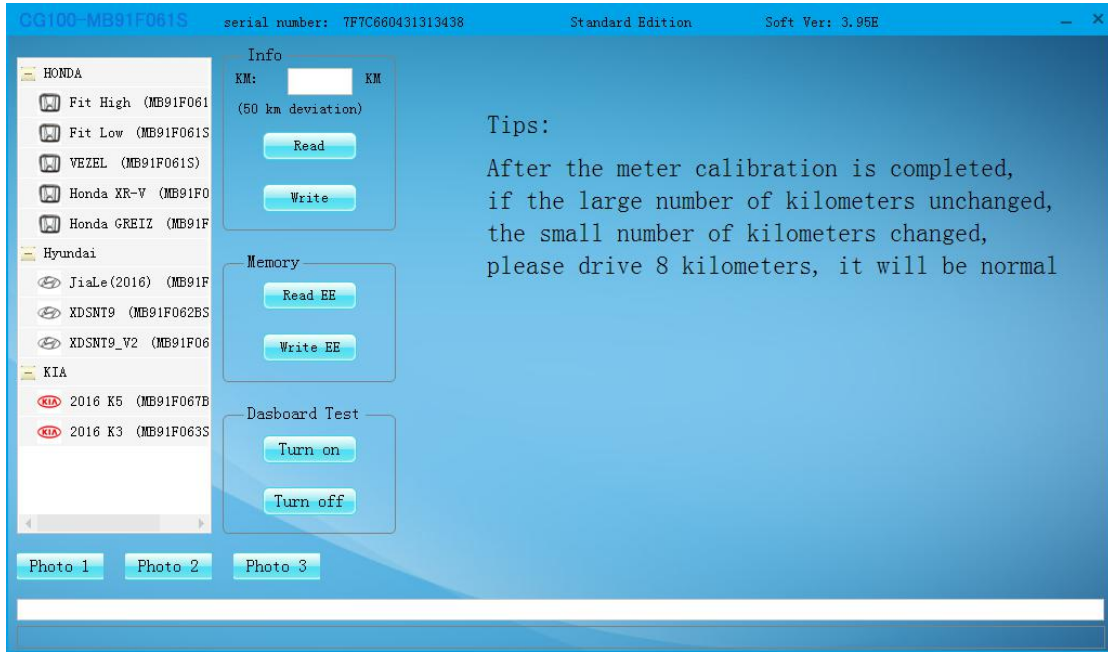
## 2. Information showed



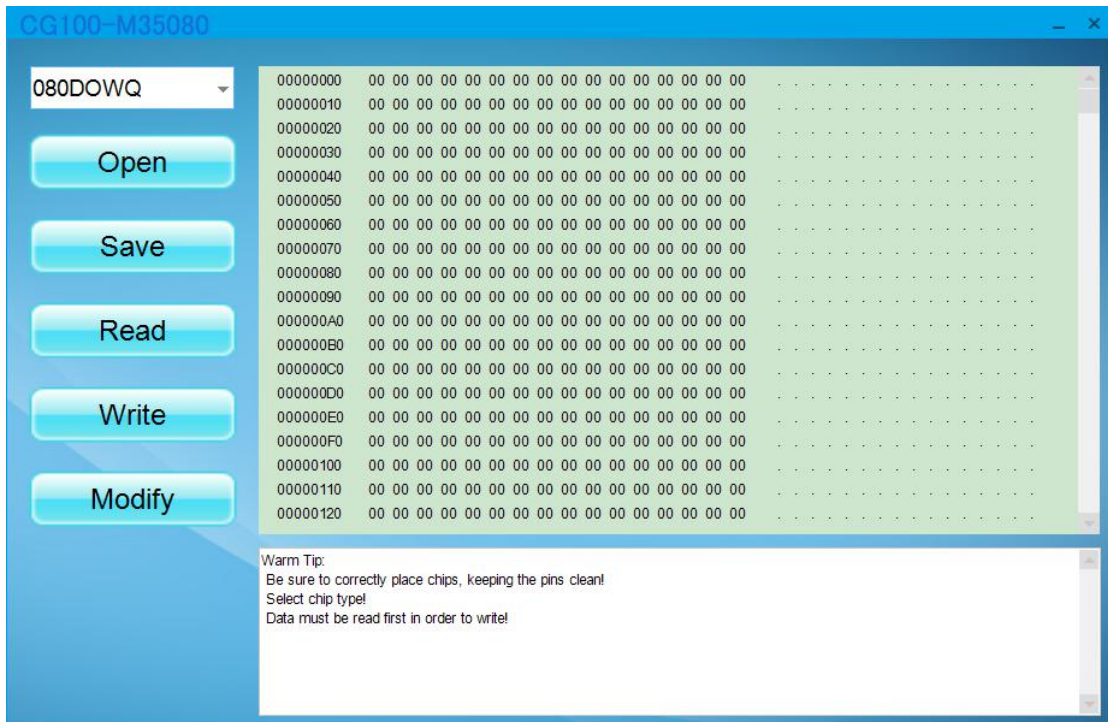
## 3. CG100-III



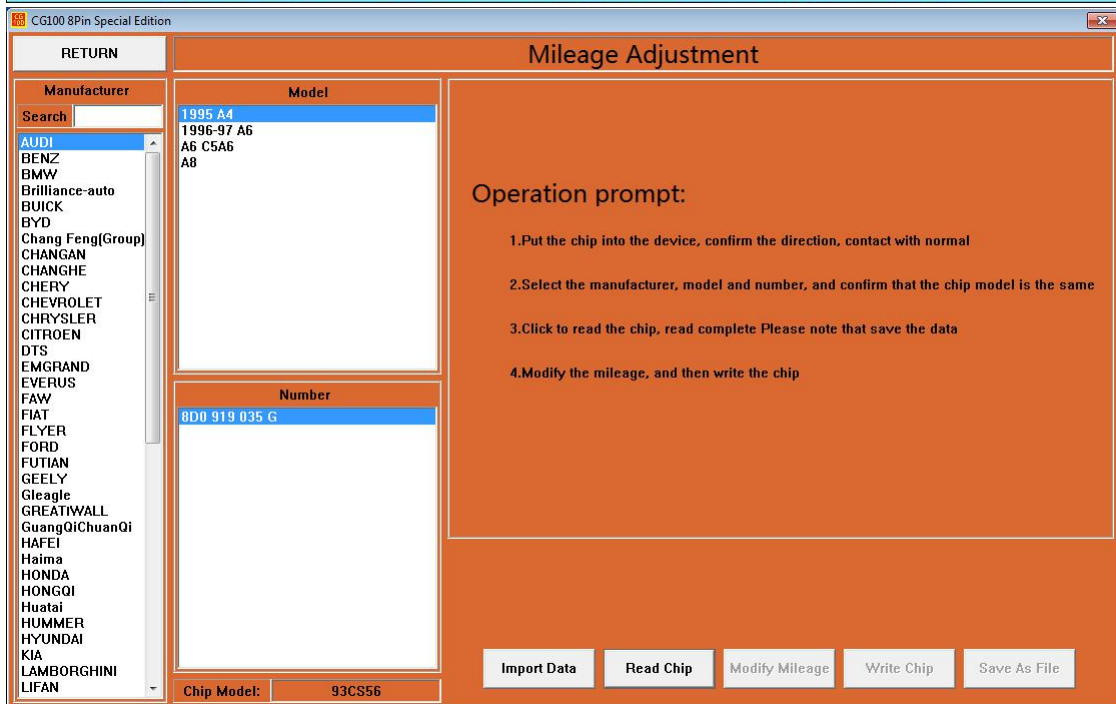
#### 4. MB91 adjust table

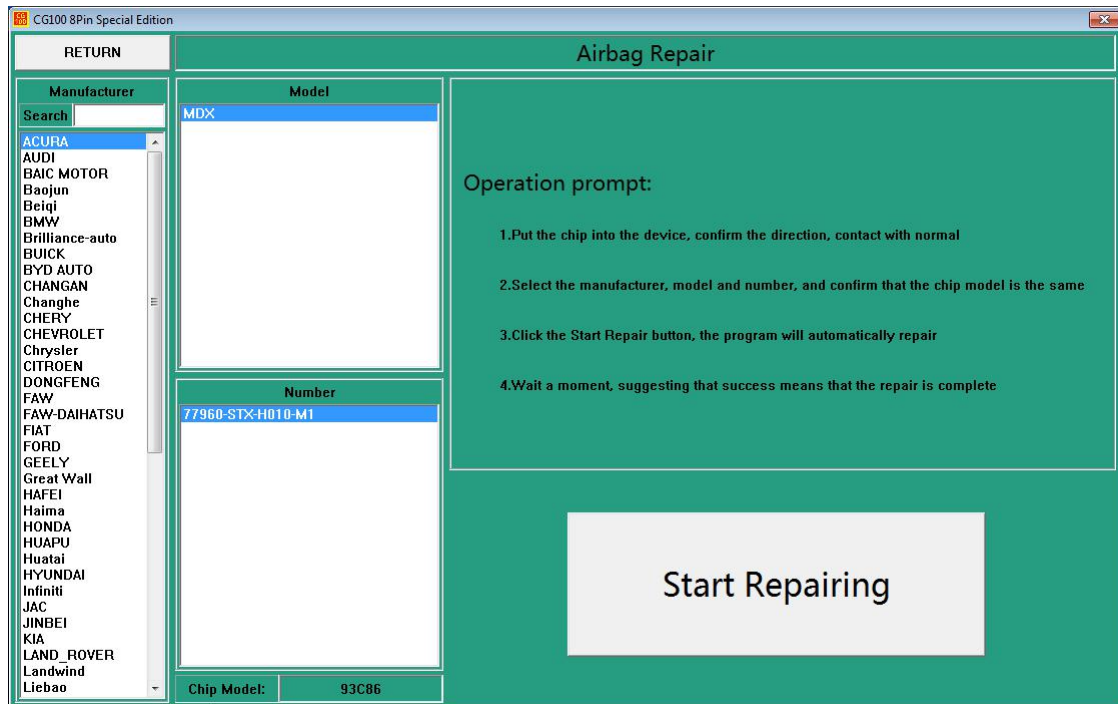


## 5. M35080

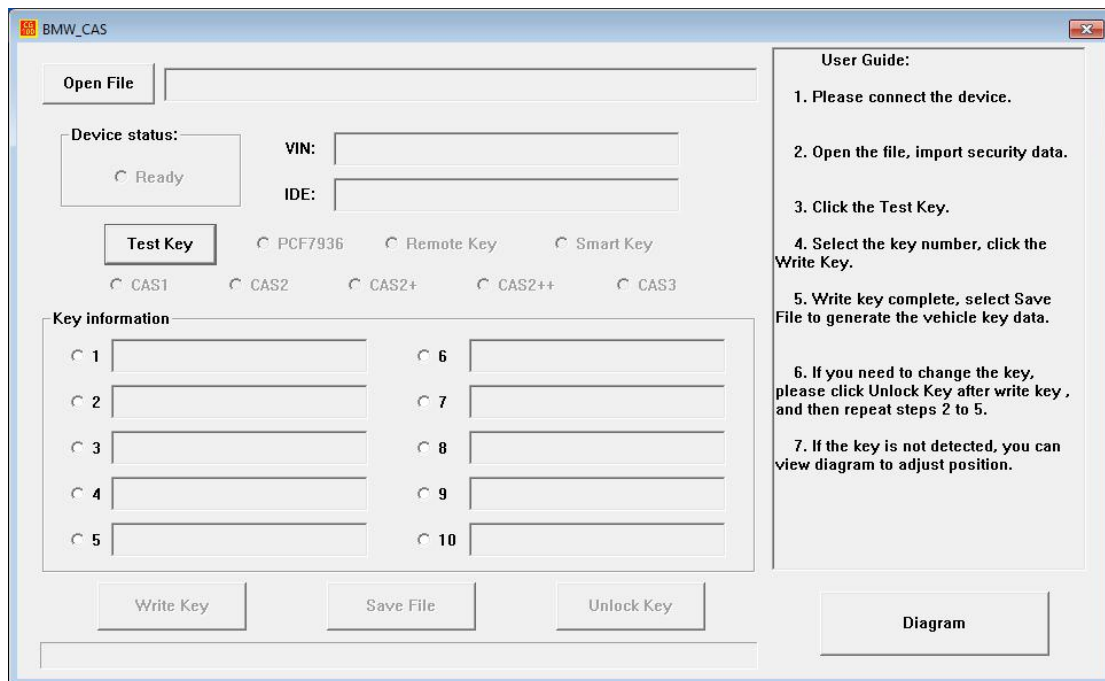


## 6. Anise chip



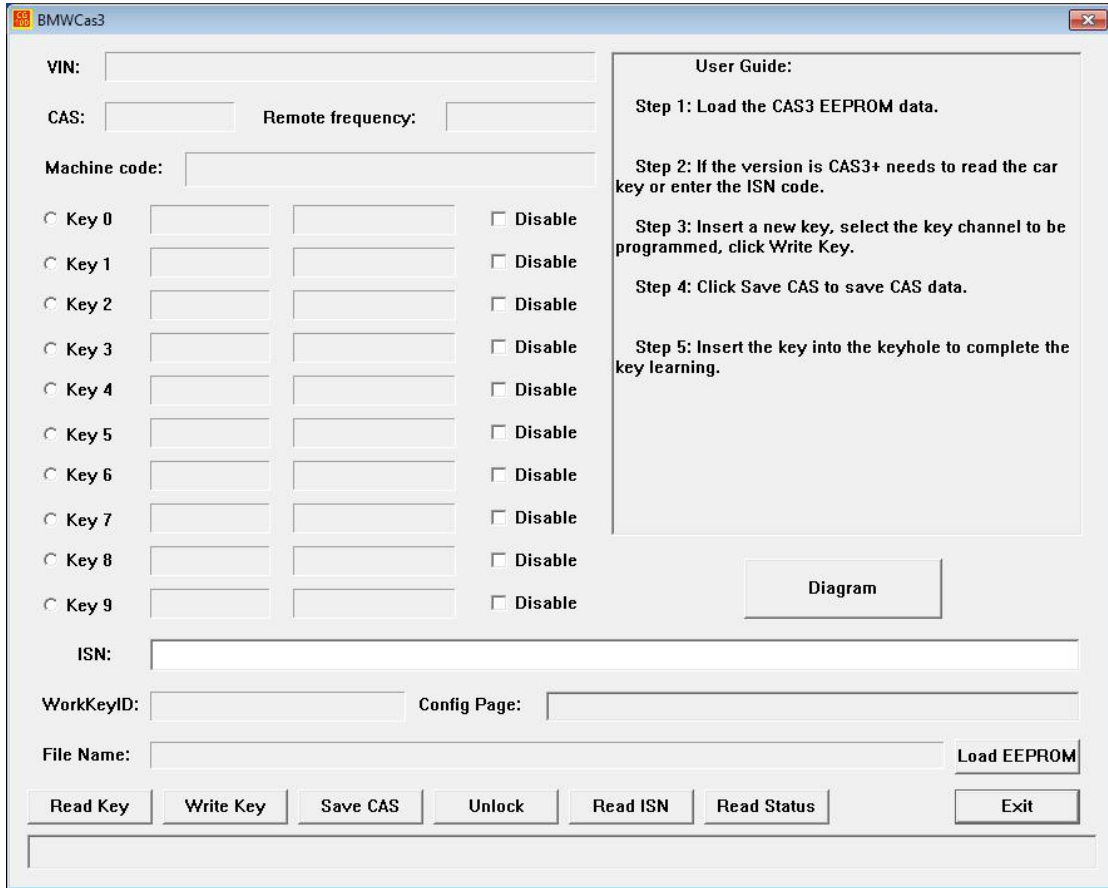


## 7. BMW CAS1&CAS2

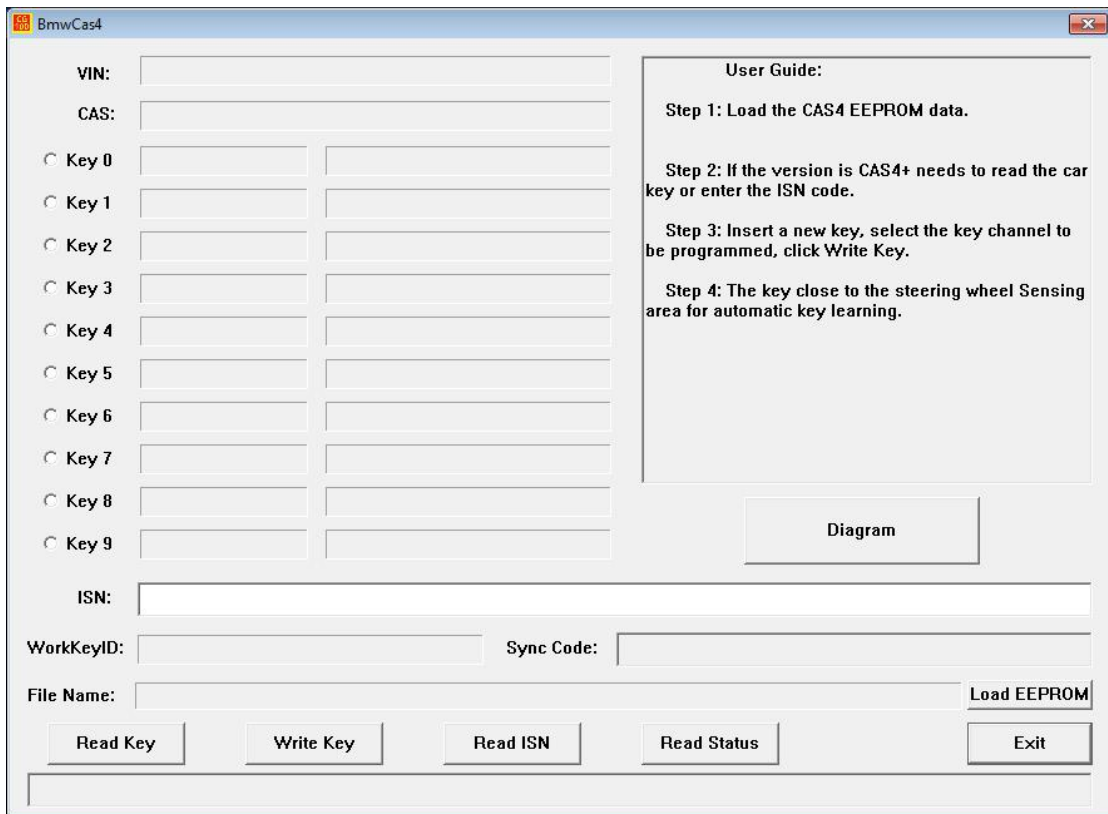


## 8. BMW CAS3





## 9. BMW CAS4



## 10.Land rover key

The screenshot shows the CGLRKEY software window. It features a top bar with the title 'CGLRKEY'. Below the title bar, there is a text input field followed by a 'Load File' button. The 'Device connection status' section includes a checkbox labeled 'Ready' and a 'Check Key' button. Below this are input fields for 'VIN:' and 'Key ID:'. A 'Key Information' section contains two columns of input fields, numbered 1 through 10. At the bottom, there is a 'Key number to write:' input field, a 'Write Key' button, and three buttons labeled 'Unlock', 'Save', and 'Diagram'. On the right side of the window, a 'User Guide' panel lists five steps: 1. Connect device, load file. 2. Insert a blank key, click Check Key. 3. When writing the key, check if you need to manually enter the key number. 4. If the key is needed to be set as blank key, please click Unlock. 5. Write key complete, select Save File to generate the vehicle key data.

## III.distinction between basic version and full version

1.distinction function:“V.W、BMW、 Bentley of ECU repair”and “BMWCAS1&2、 BMW CAS3、 BMW CAS4、 Land rover key of CG100 starter”

2.software showed:

Standard version :

The screenshot shows a dialog box with the following information:

SerialNo:	7F7C660431313438
Hardware Ver:	17.04.01.E
Software Ver:	Soft Ver: 3.95E
Version Type:	Standard Edition
WebSite:	<a href="http://www.cgprocar.com">www.cgprocar.com</a>

At the bottom of the dialog box are two buttons: 'OK' and 'Cancel'.

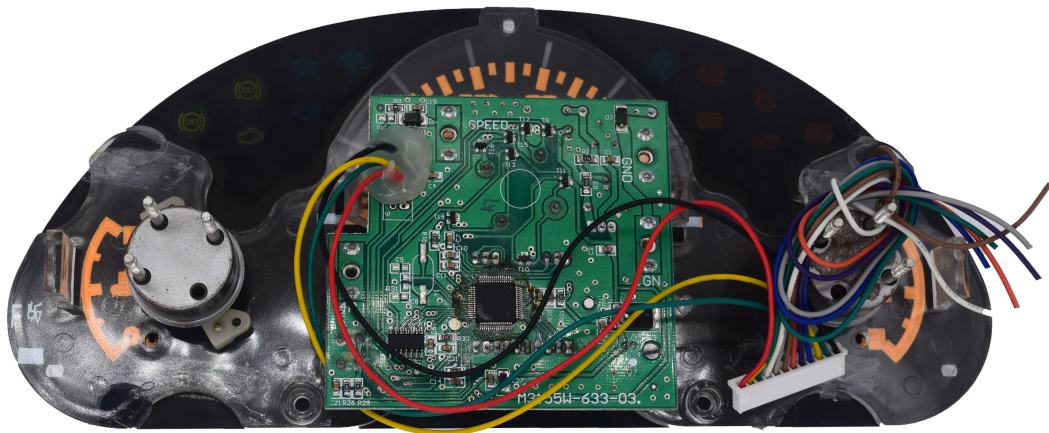




## IV.Explain Function and operation for example (actual photos showed ,car parts already connected and glued)

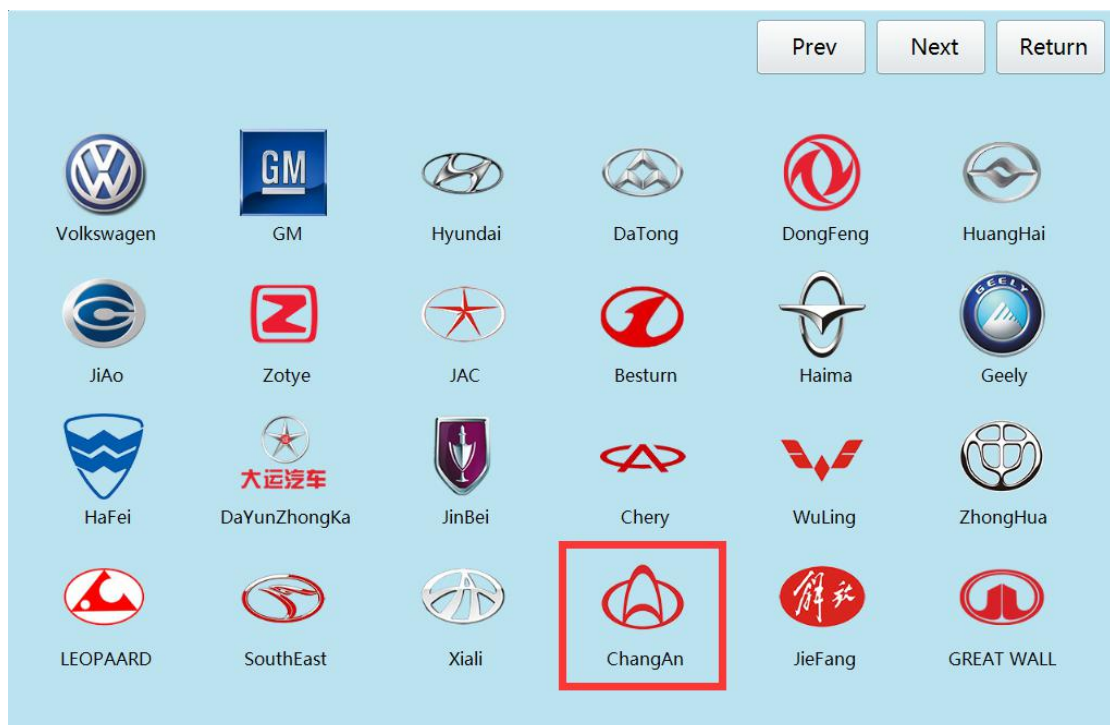
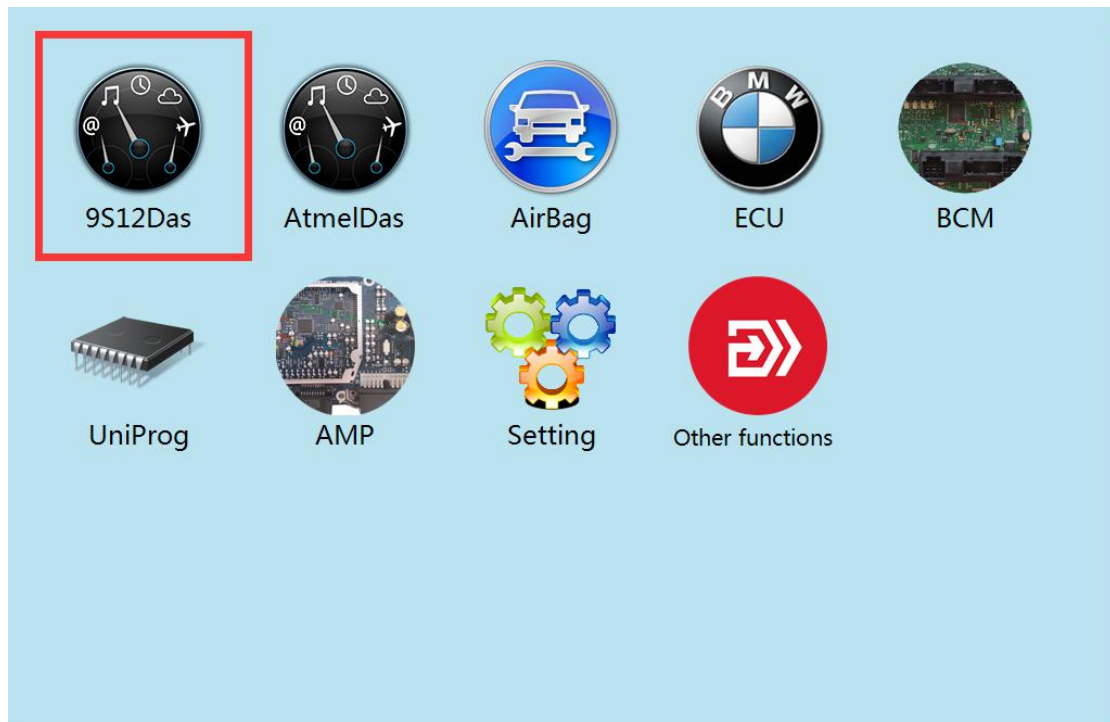
### 1.9S adjust table

For example: changan star 9S08LG16



Enter the corresponding model options, according to the software wiring diagram for wiring, if the physical and software provided by the wiring diagram are different, you can also follow the chip pin diagram of the meter

wiring, pay attention to the number of pins to be consistent.

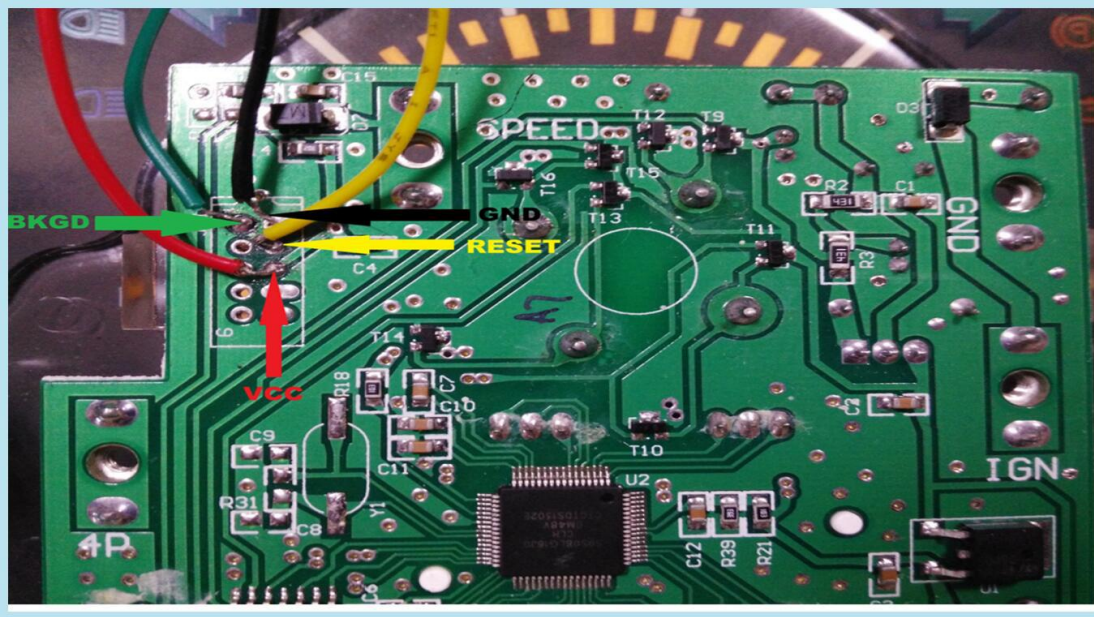


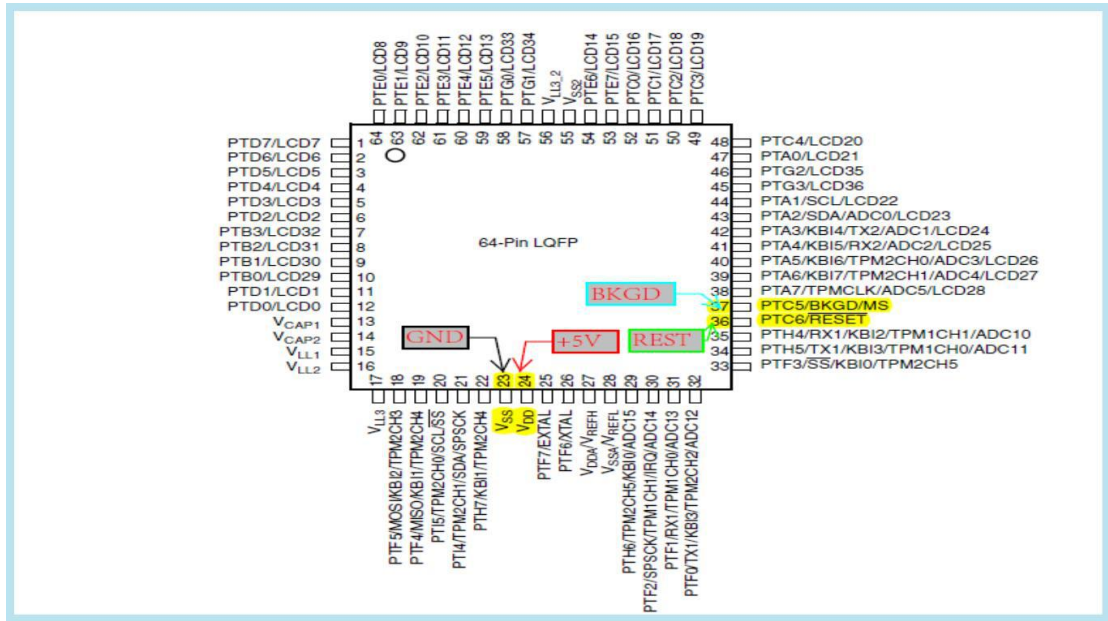
Brand:  
ChangAn



Return

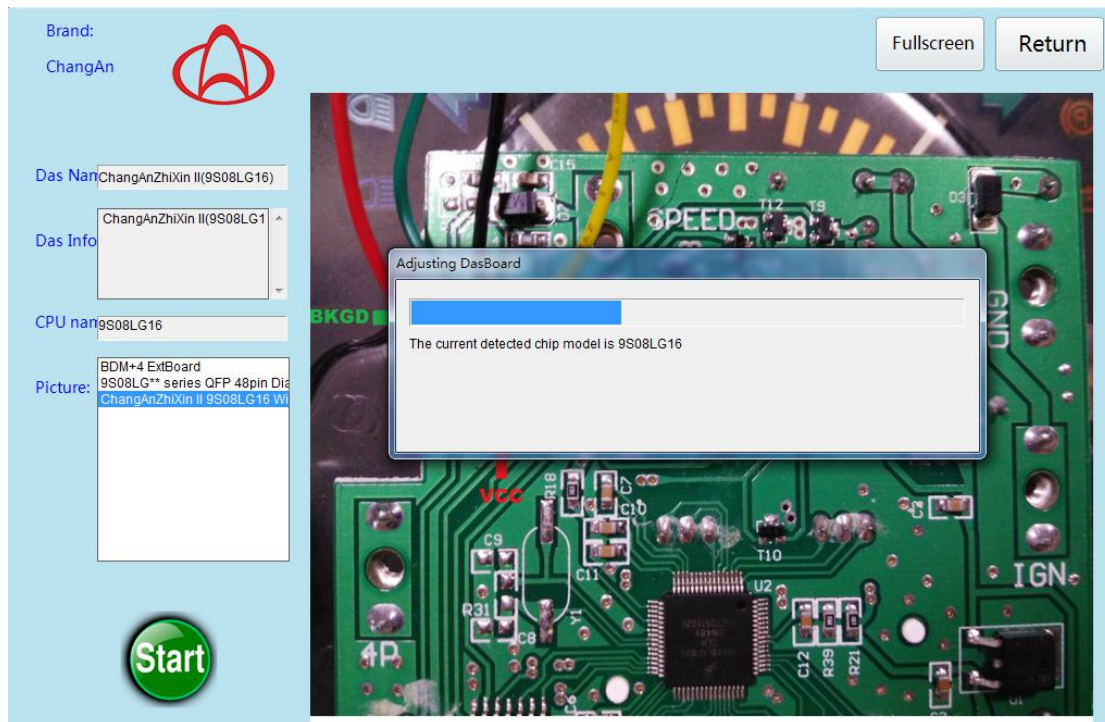
CS35Style1	OuLiWei	YiDongStyle1	ChangAn V7
CS35Style2	OuNuo V1	JinNiuXin Mode 1	ChangAnZhiXin II(9S08LG16)
CX20	OuNuo v2	JinNiuXin Mode 2	ChangAnRuiXing
CX20Style1	OuNuo V3	JinNiuXin Mode 3	ChangAnMiNi
YueXiang	ZhiShang XT	JinNiuXing Style4	
YueXiang V3	ZhiShang XT (XHZ512)	CS20	
YueXiangv7	YiDong	CS35	
XingKa 12	YingDong 13	ChangAn CS75	





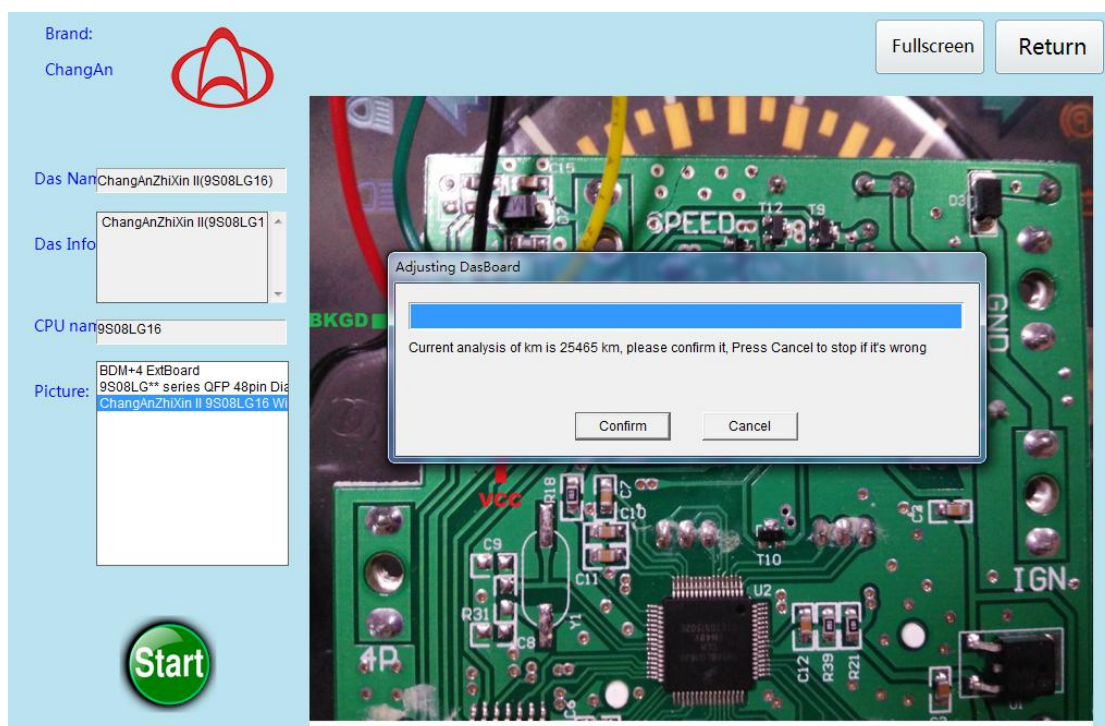
After connect line, check carefully, can connect power to operate after confirm without any mistake Software read out idiomatically mileage data, It show “save”。





Save the original car data, the software will automatically analyze the mileage data.

If analysis, can adjust; If wrong , pls kindly send original data to manufacture to modify.



Brand:  
ChangAn



Fullscreen

Return

Das Name: ChangAnZhiXin II (9S08LG16)

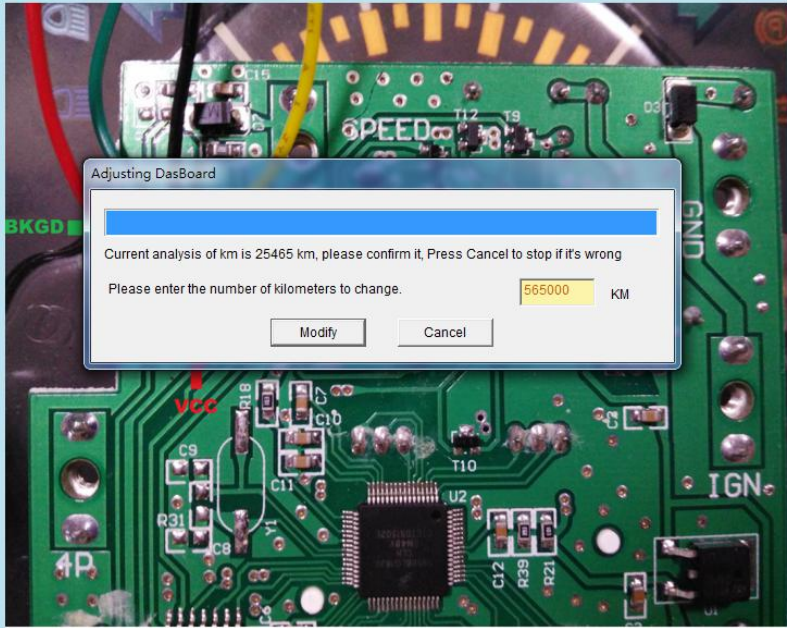
Das Info:

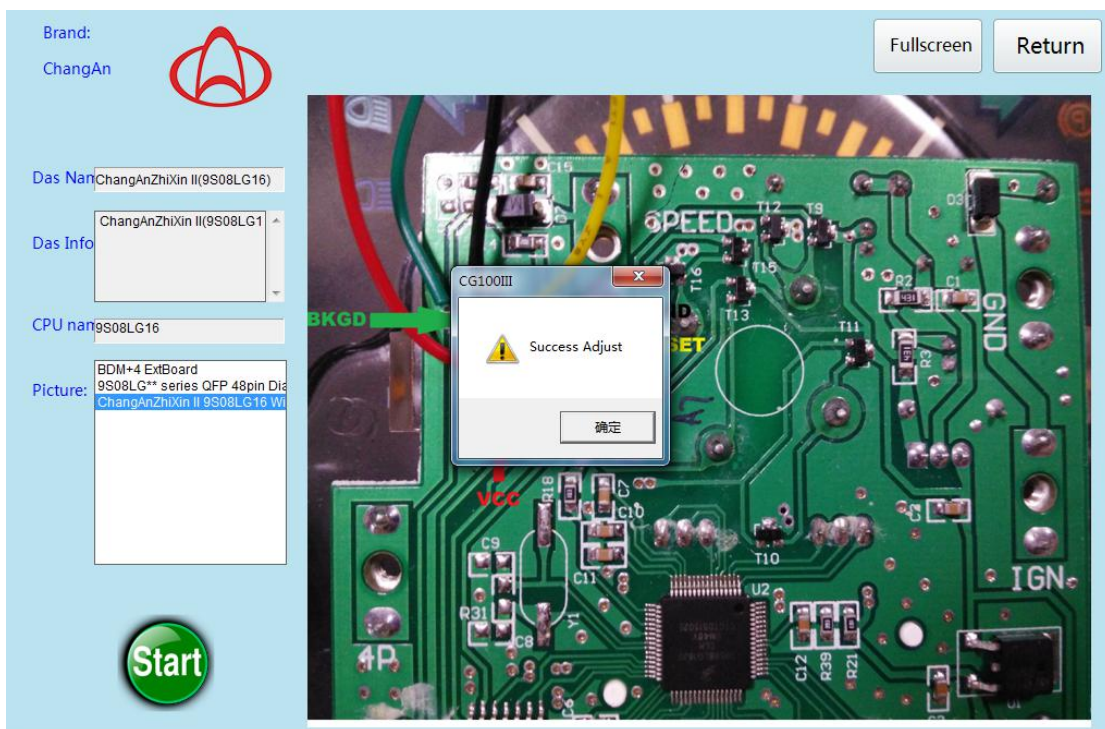
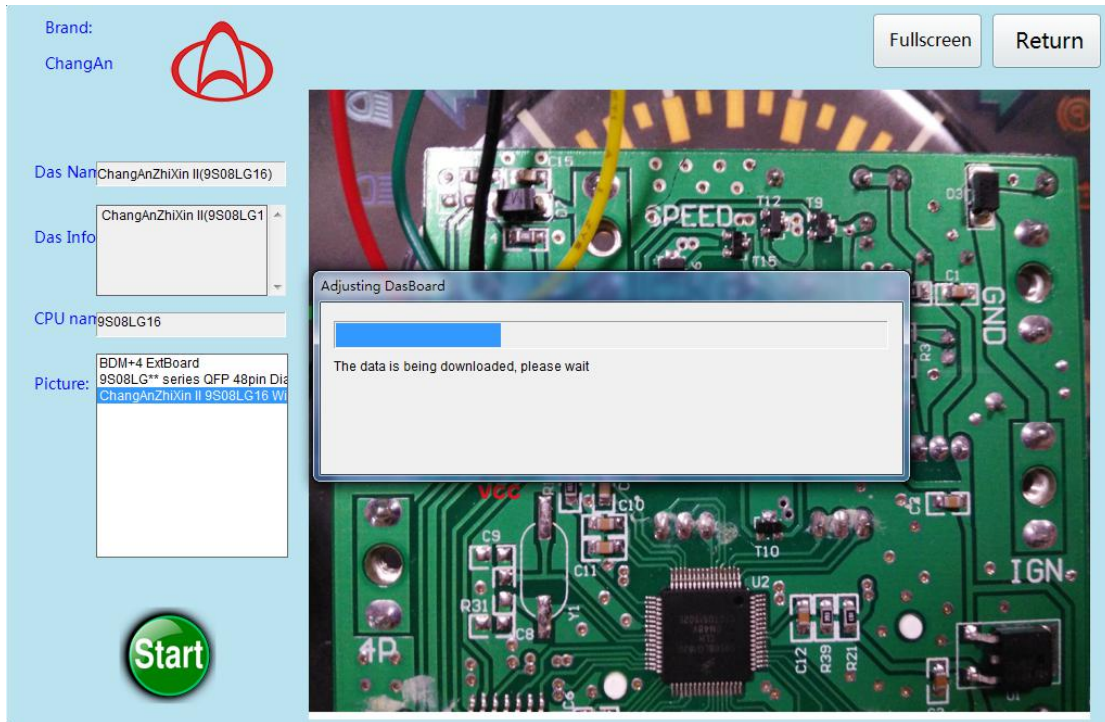
ChangAnZhiXin II (9S08LG16)

CPU name: 9S08LG16

Picture:

BDM+4 ExtBoard  
9S08LG\*\* series QFP 48pin Dis  
ChangAnZhiXin II 9S08LG16 V





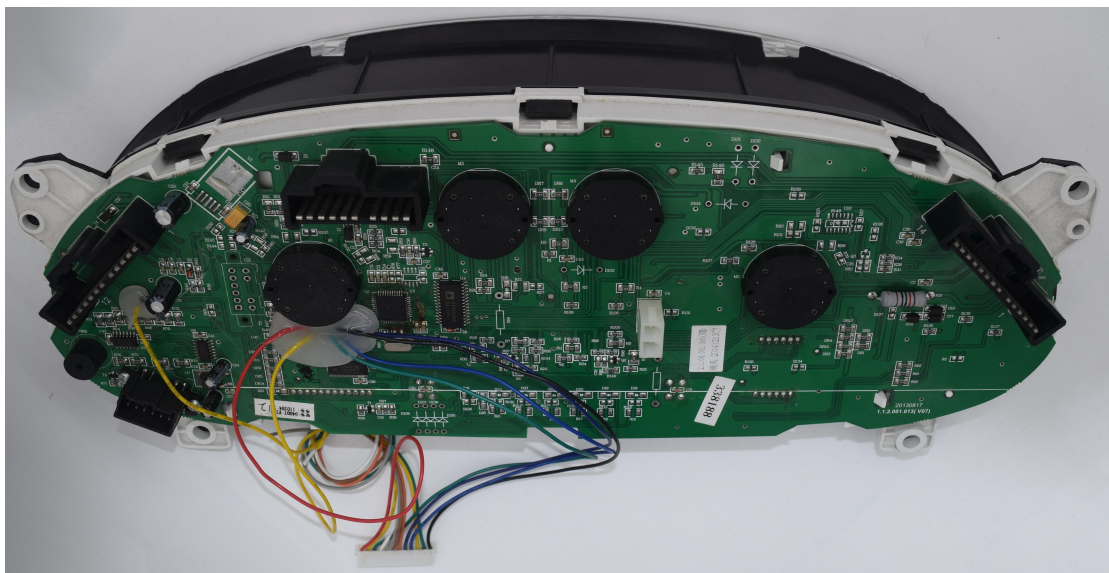
Mileage has been adjusted, you can confirm the loading.

**Note:when devices working normally,cannt move swing,in case ,data lost and chip short circuit to be burned。**

**As long as the instrument is 9S at the beginning of the chip, you can adjust, if the software does not support or no physical wiring diagram, you can request manufacturers to help adjust the technology.**

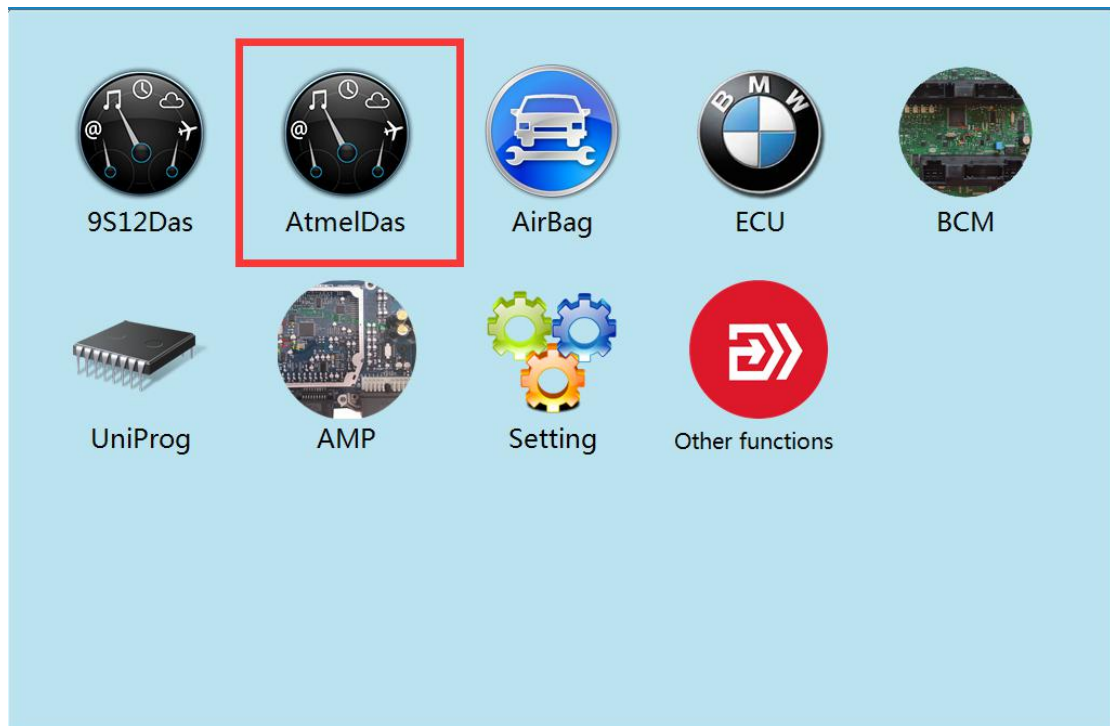
## **2.ATMEL adjust table**

For example: Jianghuai 94007-V3701 ATMEGA32




























Before the meter to find the corresponding meter table number option, if not, please first consult the

manufacturers of technology; if there is a relative table number, please put on the spare chip, save the original car chip to prevent the vehicle parameters are different. According to the software wiring diagram for wiring, if the physical and software provided by the access, you can also follow the chip pin diagram of the meter wiring, pay attention to the number of pins to be consistent.



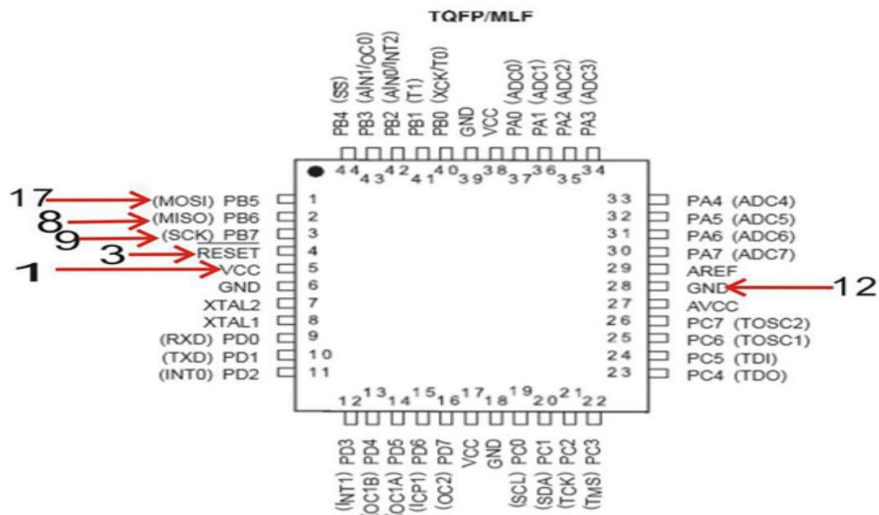
Prev   Next   Return

 Ford	 DongFeng	 HuangHai	 JiAo	 Zotye	 JAC
 Geely	 FuDi	 FOTON	 HaFei	 JinBei	 LiFan
 Chery	 WuLing	 ZhongHua	 LEOPAARD	 SouthEast	 Xiali
 ChangAn	 JieFang	 Huatai	 SMA	 GREAT WALL	 LANDWIND

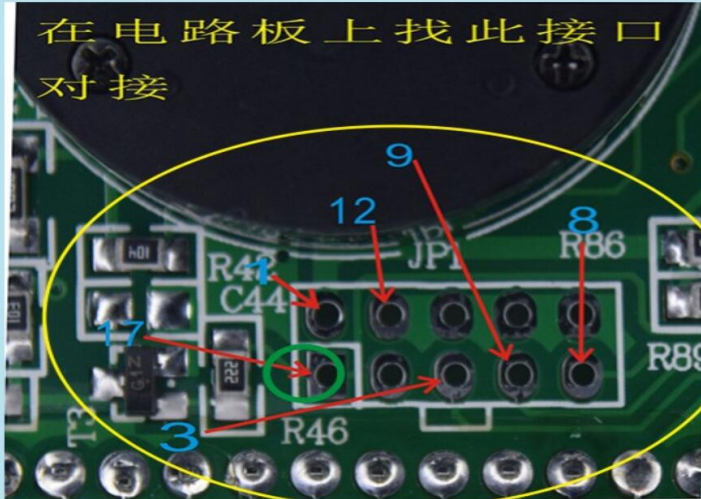
Brand:  JAC

Prev   Next   Return

5A000	5A210	V2131	V2520 Mode 2
5A010	94004-V1210	V2261	V2520 Mode 3
5A010 Mode 1	94007-V2141	V2262	V3180
5A011	94007-V3800	V2440	V3410
5A200	V1030	V2440(V2)	V3701
5A201	V2012	V2440(OBD)	V3701 Mode 2
5A201 Mode 2	V2091	V2441	V6110
5A201 Mode 3	V2098	V2520 Mode 1	V6111

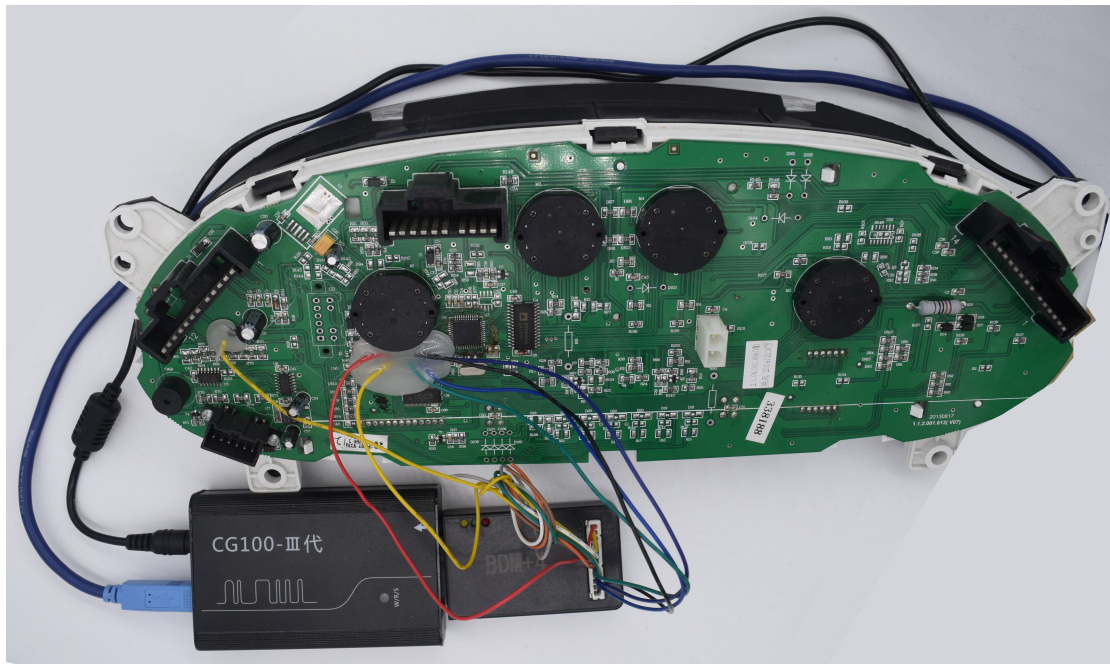


在电路板上找此接口  
对接



江淮仪表都会有此接口，此接口是标准接口，

绿色圈为此接口定位脚，是用来分别接口方位



After the line, carefully check, confirm correct, can power operation.

ATMEGA chip because the factory are encrypted, so the data can not read, can only be directly adjusted, that is, relative to the table number and for the replacement chip and its important, please note that the user.



Brand: JAC 


Das Name: V3701 Mode 2

Das Info: V3701 Mode 2

CPU name: ATMEGA32

Picture:
 

- BDM+4 ExtBoard
- ATMEGA16/32 QFP44 Pin diagram
- ISP Wiring Diagram



Fullscreen Return

在电路板上找此接口  
对接

江淮仪表都会有此  
此接口是标  
，  
为此接口定  
是用来分别  
位


Adjusting DasBoard

The current detected chip model is ATMEGA32

Please enter the number of kilometers to change.  KM

Modify Cancel



Brand: JAC 


Das Name: V3701 Mode 2

Das Info: V3701 Mode 2

CPU name: ATMEGA32

Picture:
 

- BDM+4 ExtBoard
- ATMEGA16/32 QFP44 Pin diagram
- ISP Wiring Diagram



Fullscreen Return

在电路板上找此接口  
对接

表都会有此  
此接口是标  
，  
为此接口定  
是用来分别  
位


CG100III Adjust

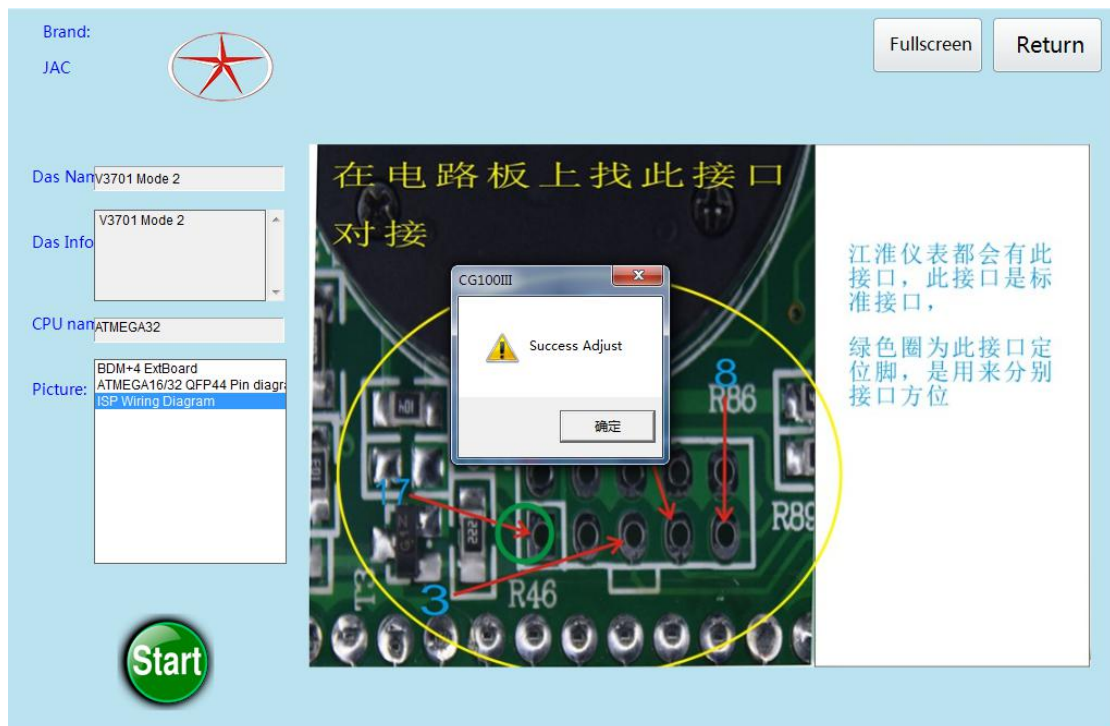
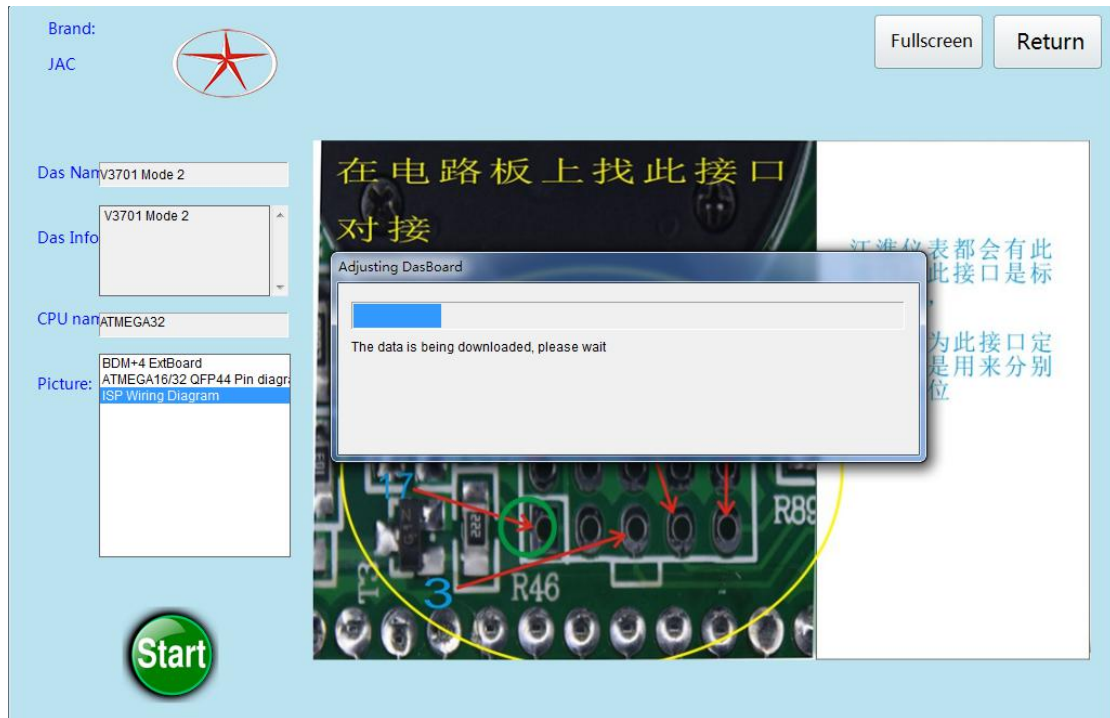
Please make sure the current selected chip model is ATMEGA32, dashboard model is V3701 Mode 2.

To avoid damage to the meter, replace the standby chips for tuning.

Please make sure that the instrument is adjusted to 56565 km.

OK Cancel

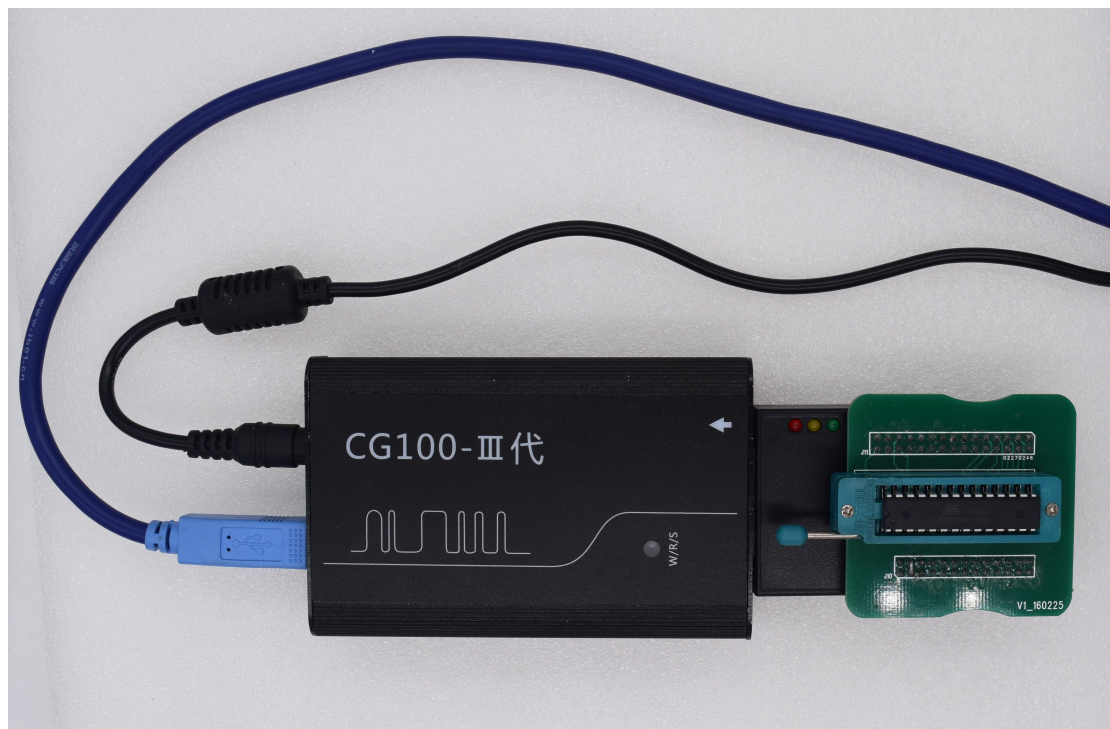
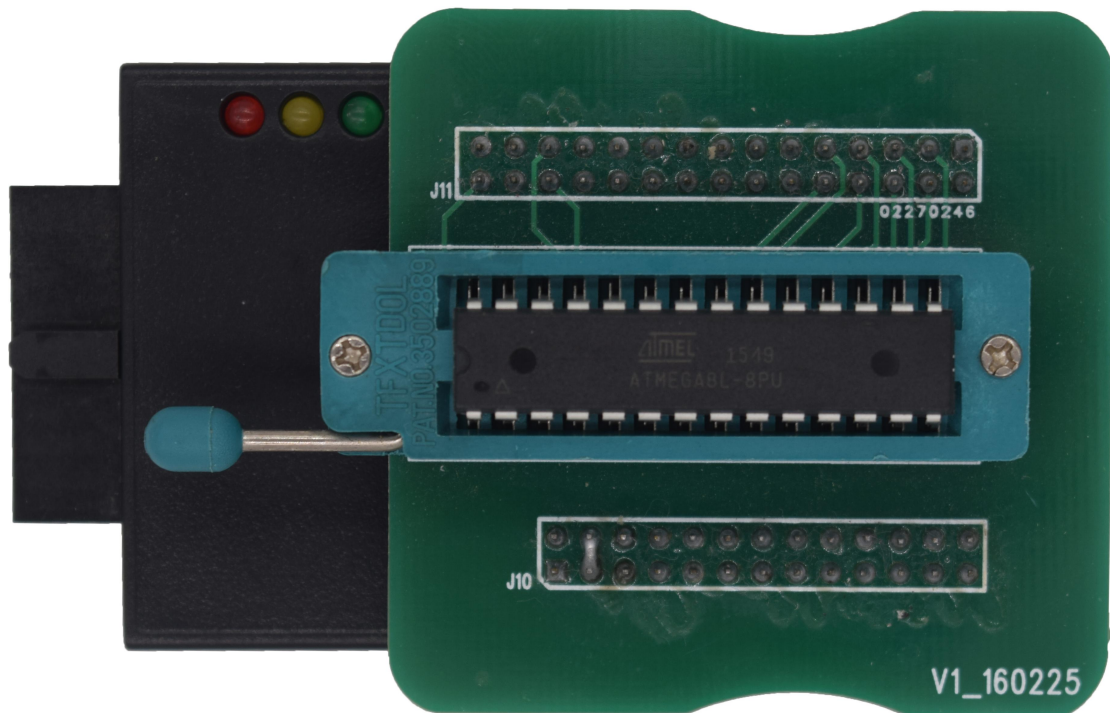




Adjust the table successfully, you can load to verify.

**Note :** when devices working normally ,cantt move swing, in case ,data lost and chip short circuit to be burned.If it is a plug-in chip, it is necessary to use

**ATMEGA adapter for mileage adjustment, methods and examples of similar.**



**If the software does not have to adjust the model number, you can send the instrument to the**

**manufacturer, free of unlock, do not charge any fees.**

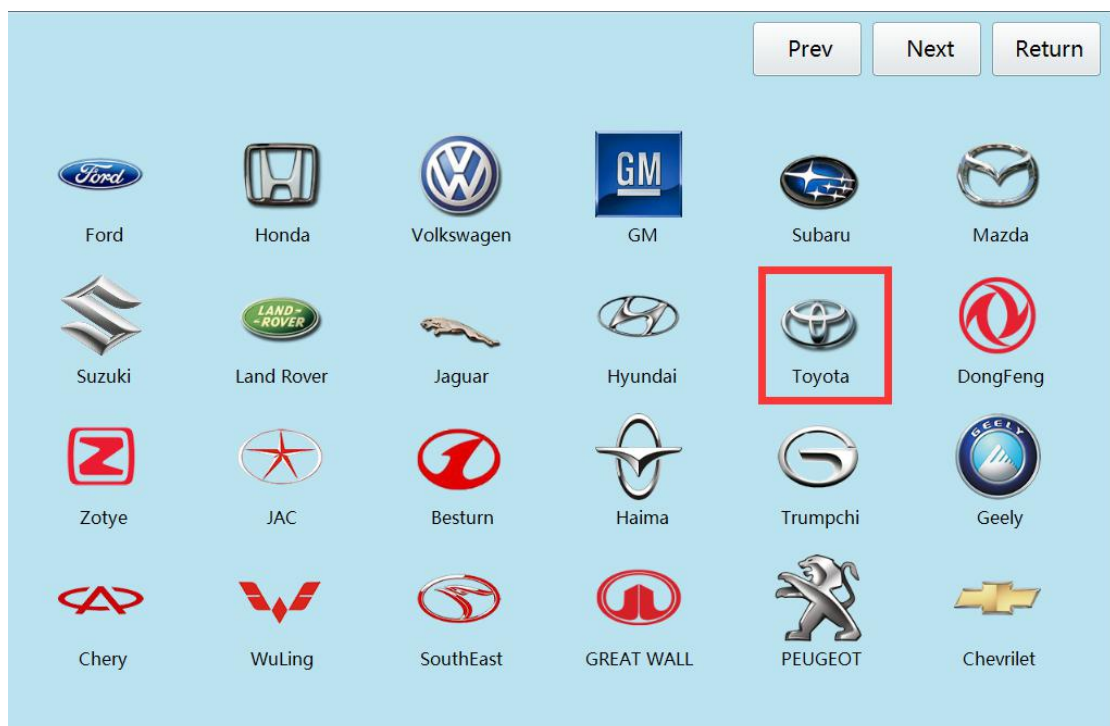
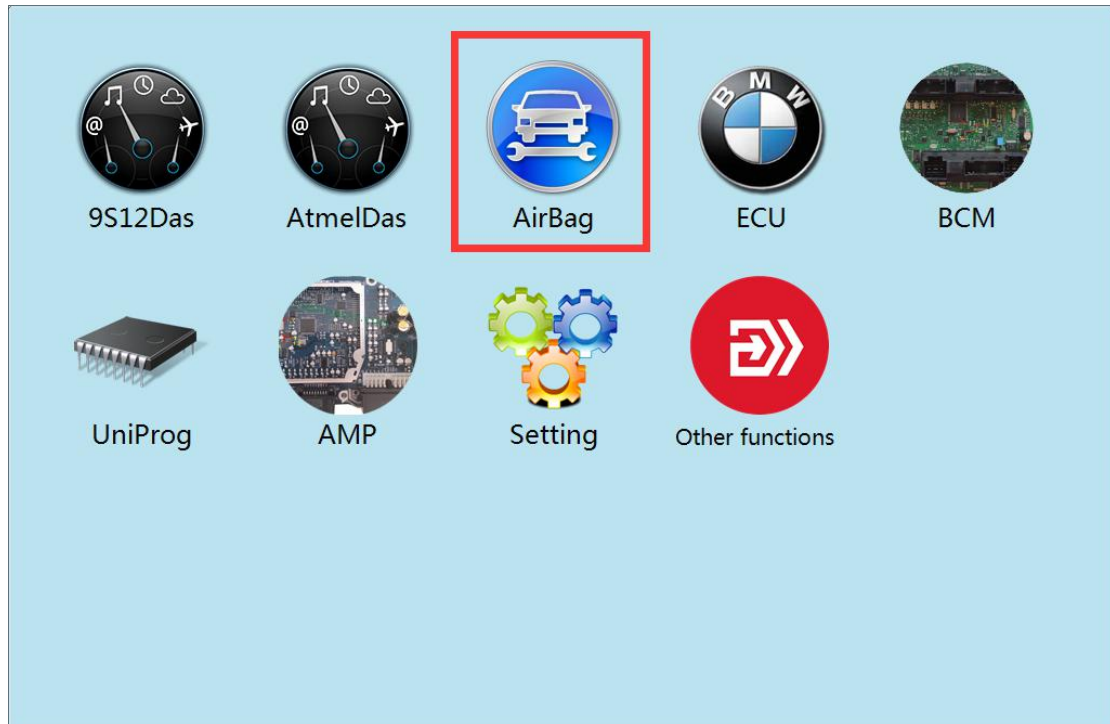
### **3.airbag repair**

For example: Toyota 89170-0E080 R5F61725

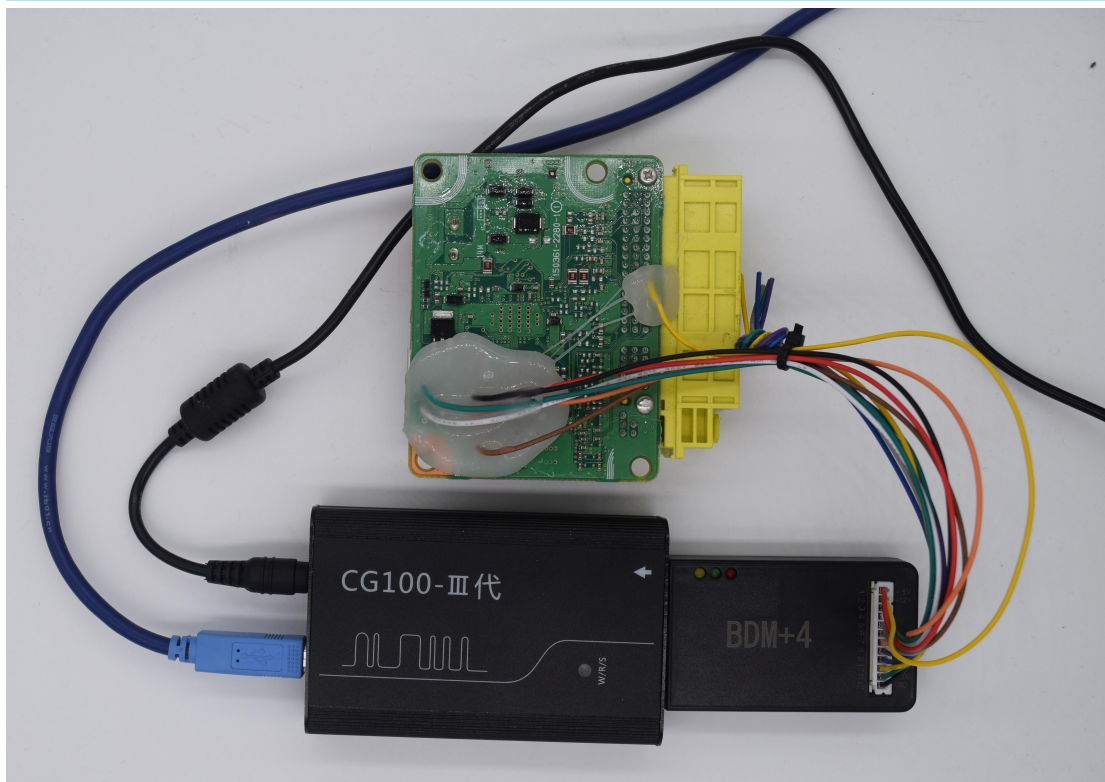
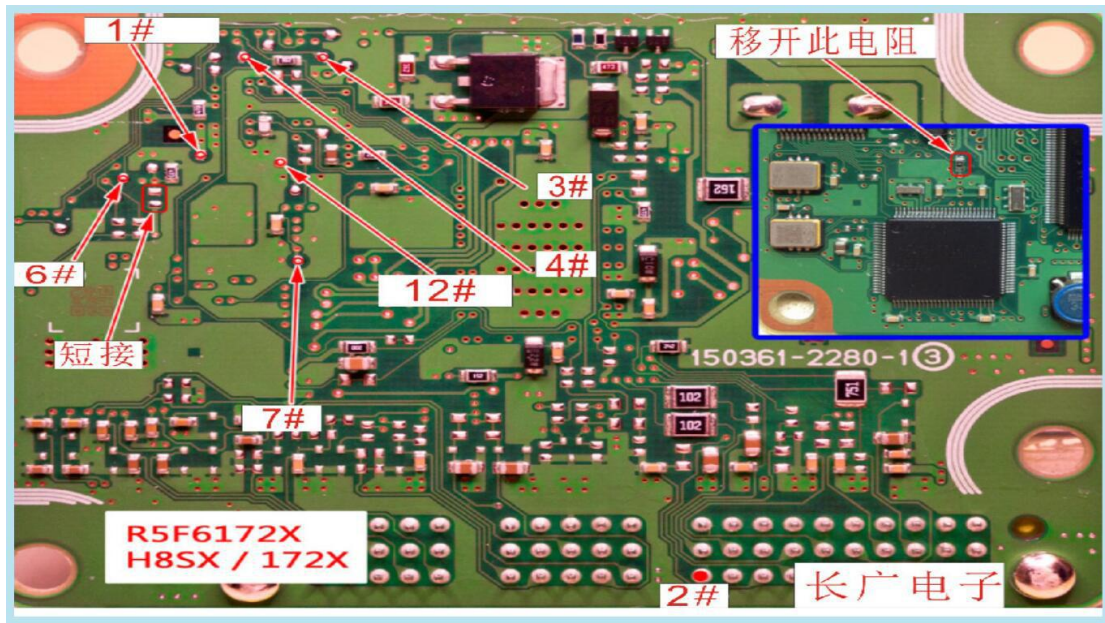


Enter the relative model options, find the corresponding airbag number, if not, you can consult the manufacturers of technology; if so, you can follow the wiring diagram of the software wiring, if the physical and software to provide the wiring diagram are different, can also follow

the chip pin diagram Carry the scale wiring, pay attention to the number of pins to be consistent.








After the line, carefully check, confirm correct, can power operation.

Because the airbag chip for the F5F6 series, the software does not provided reading, but can be directly repaired, so pay attention to the airbag number before

repairing.

Brand: Toyota 

Fullscreen Return

Bag name: 89170-0E080

Bag Info: 89170-0E080


CPU name: R5F61725

Picture: 


- BDM+4 ExtBoard
- R5F617XX Family QFP100 Pin C
- Toyota Uni Wiring Diagram1
- Toyota Uni Wiring Diagram2
- Toyota Uni Wiring Diagram3
- Toyota Uni Wiring Diagram4
- Toyota Uni Wiring Diagram5
- Toyota Wiring Diagram6
- ES250 Wiring Diagram

Being repaired AirBag

Being repaired, expected to take 15 minutes, please



Start

Brand: Toyota 

Fullscreen Return

Bag name: 89170-0E080

Bag Info: 89170-0E080


CPU name: R5F61725

Picture: 

- BDM+4 ExtBoard
- R5F617XX Family QFP100 Pin C
- Toyota Uni Wiring Diagram1
- Toyota Uni Wiring Diagram2
- Toyota Uni Wiring Diagram3
- Toyota Uni Wiring Diagram4
- Toyota Uni Wiring Diagram5
- Toyota Wiring Diagram6
- ES250 Wiring Diagram

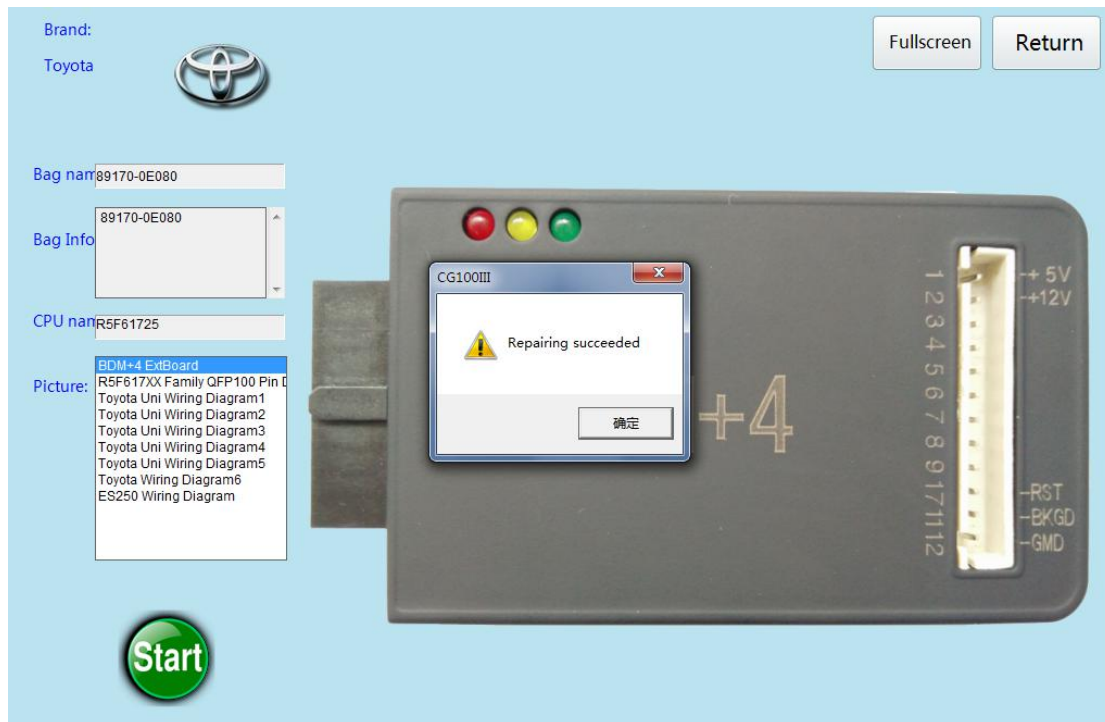
Being repaired AirBag

Being repaired, expected to take 15 minutes, please



Start





Airbag repair success, you can reset the load validation.

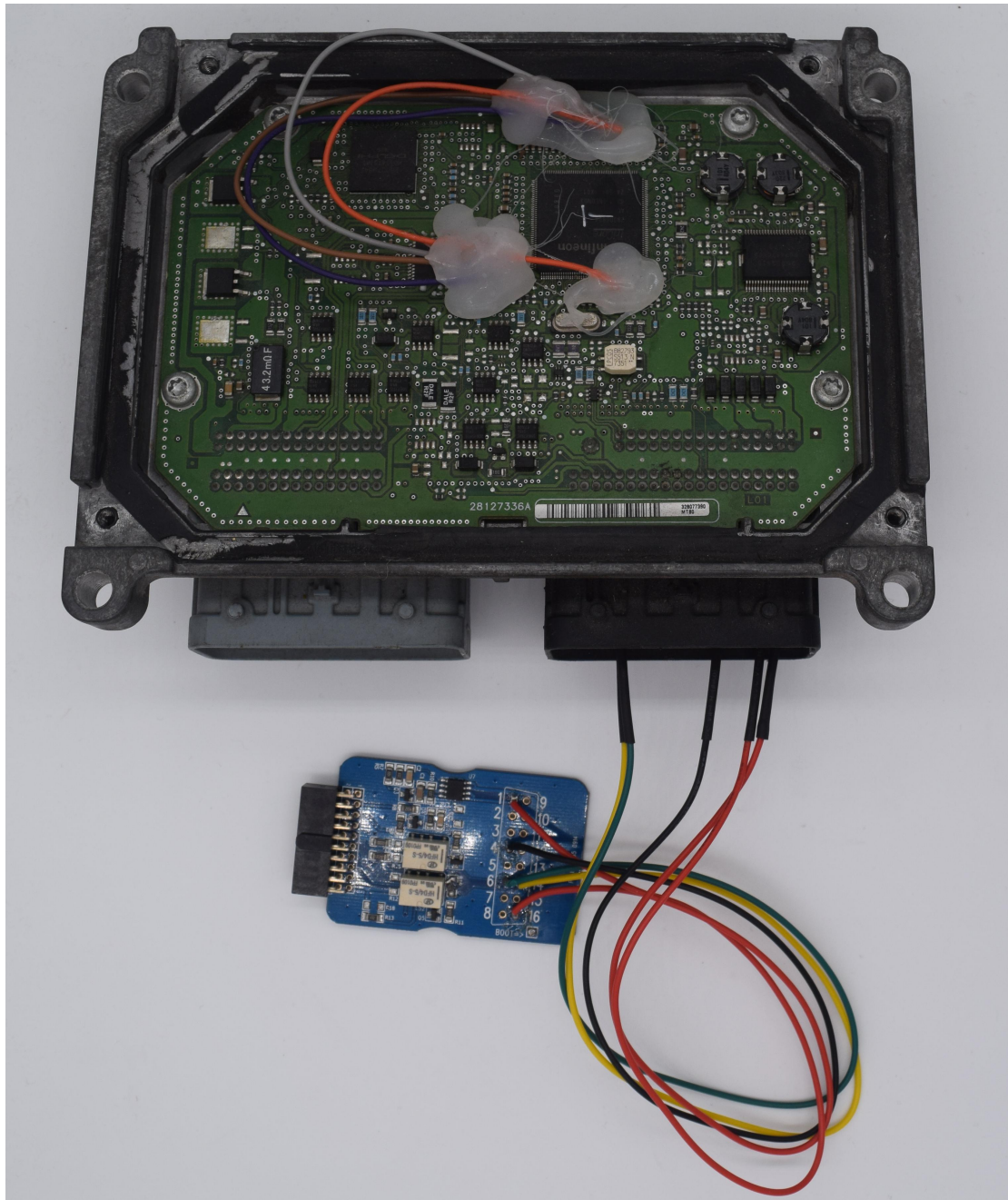
**Note:when devices working normally,cannt move swing, in case ,data lost and chip short circuit to be burned. In addition to R5F6 at the beginning of the Rosa chip type airbag can not read the data directly repair, the other chip can read and write data, but also in accordance with the corresponding airbag number, if not, you can send the original car data to manufacturers technical to repair**

**Whats more, if the airbag chip is indeed in the name of R5F6 Rosa chip type, to ensure that the original car burst data did not repair the, you can contact with the manufacturers of technology,it wont charge**

any fees while the airbag sent to the manufacturers to repair in the same day,

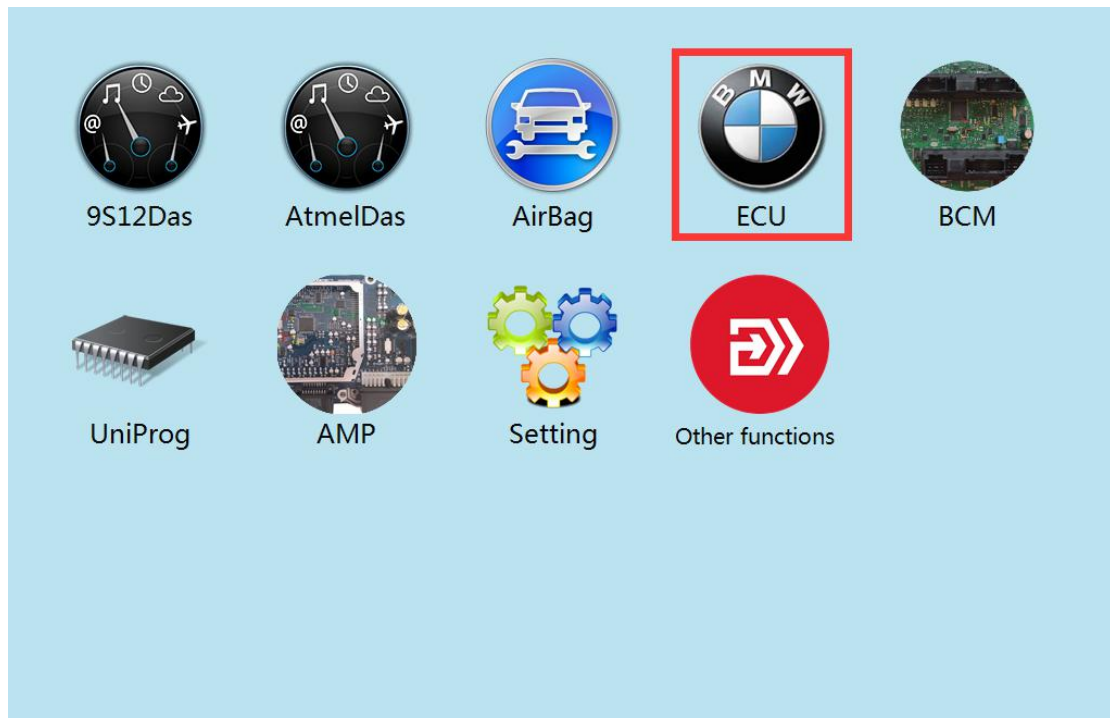
#### 4. ECU Repair

Example: MT80 9025068



Enter the corresponding option, find the number, compare the details of the computer to be repaired, find the wiring diagram for

wiring.



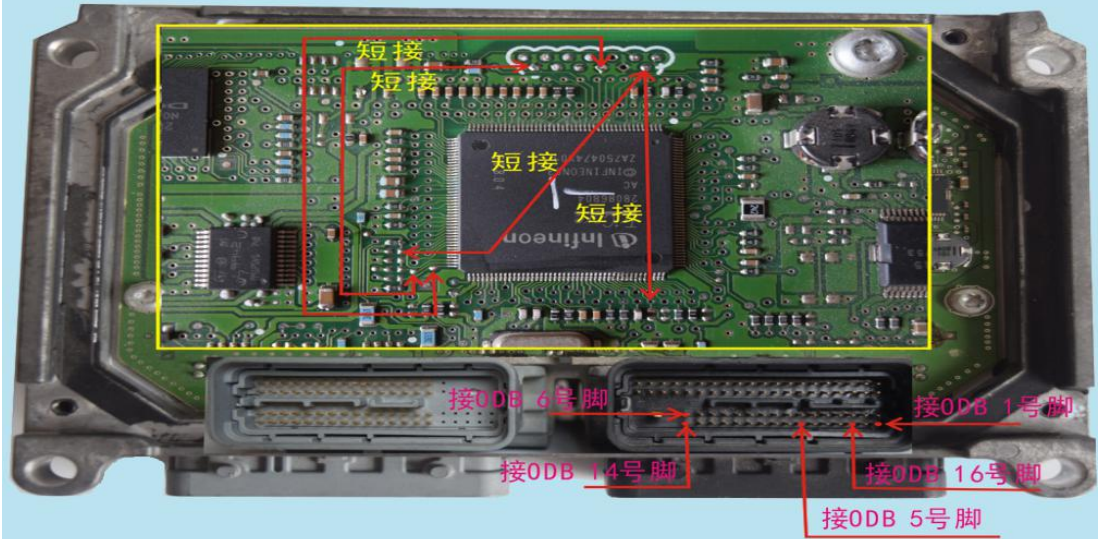
Return

28147667	MT80(Can read and w
28180087	LeFeng 9015423
28209396	LeFeng Auto
28232660	Buick9025069
3095167	YingLun1
9015423	YingLun2
9025068	
B6000396	

Flash Read    Flash Repair

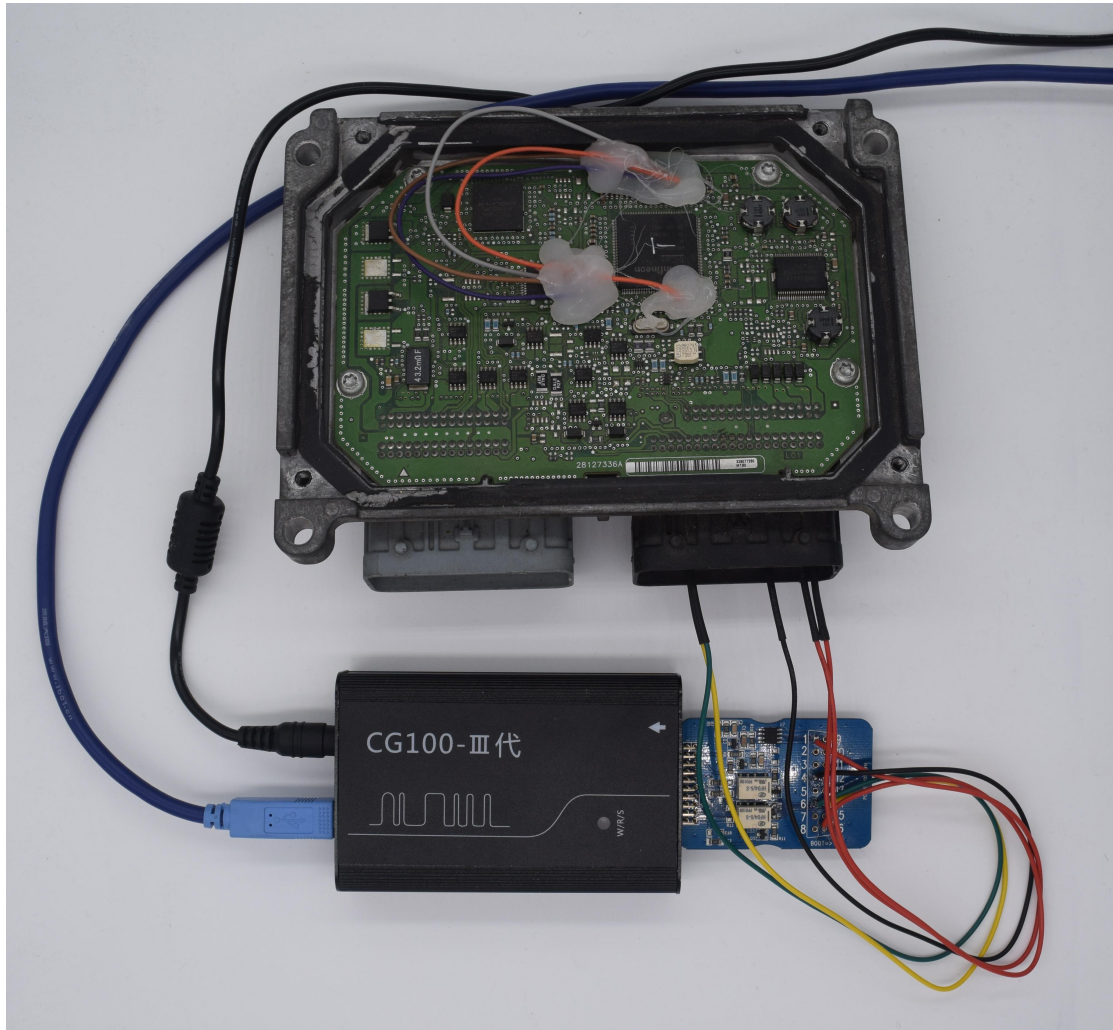
ISN:   
VIN:

Return



Please use the new adapter

Wiring Diagram    Wiring Diagram    Wiring Diagram    Fullscreen    CAN Diagram



After finishing the line, carefully check, confirm correct, can power operation, click on "FLASH read" and according to the prompt to save the original data.

Flash Read Flash Repair ISN:  Return  
VIN:

短接  
短接  
短接  
短接

接ODB 6号脚  
接ODB 14号脚  
接ODB 1号脚  
接ODB 16号脚  
接ODB 5号脚

Please use the new adapter

Wiring Diagram Wiring Diagram Wiring Diagram Fullscreen CAN Diagram

Flash Read Flash Repair ISN:  Return  
VIN:

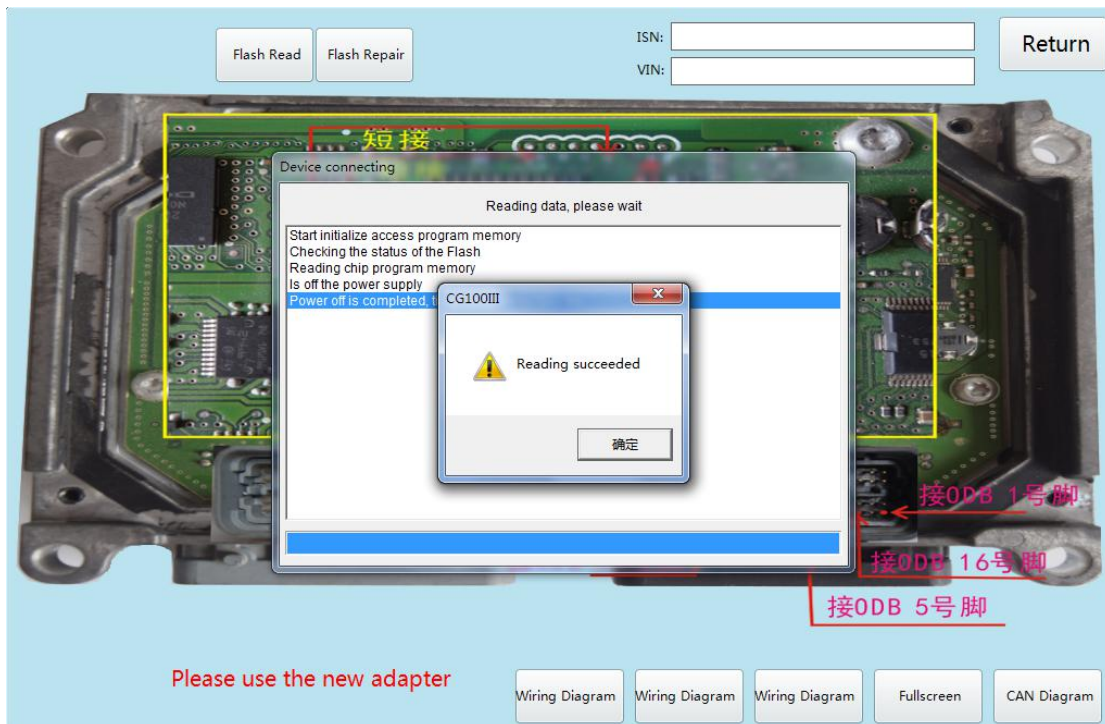
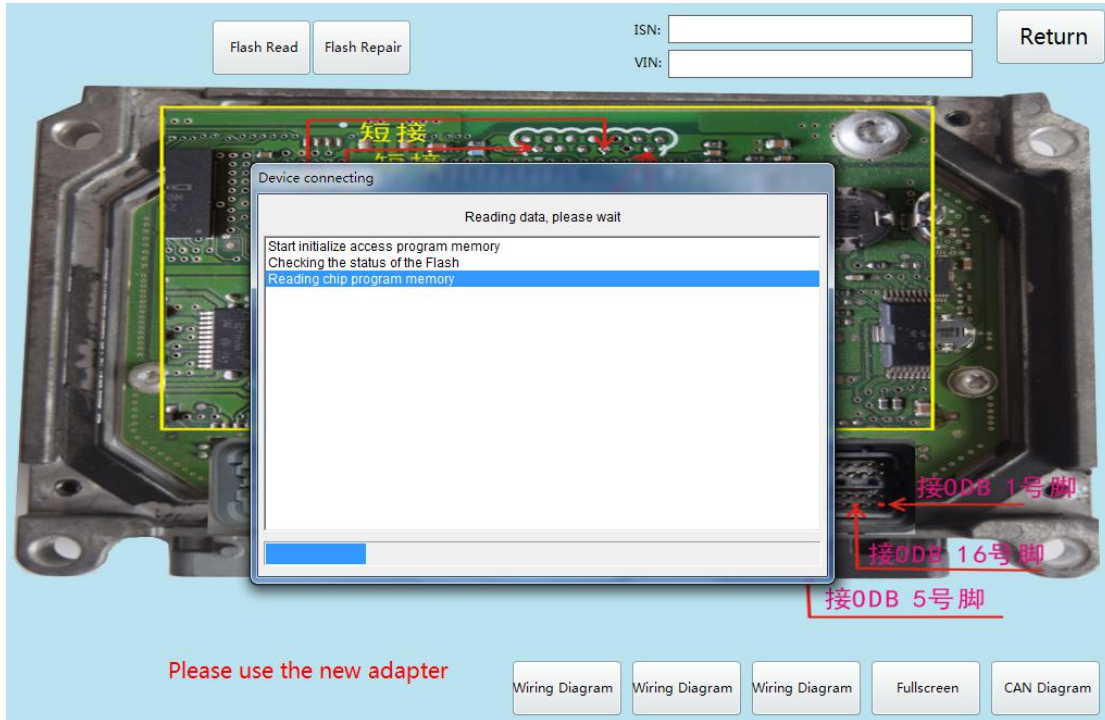
短接  
短接  
短接  
短接

接ODB 6号脚  
接ODB 14号脚  
接ODB 1号脚  
接ODB 16号脚  
接ODB 5号脚

Please use the new adapter

Wiring Diagram Wiring Diagram Wiring Diagram Fullscreen CAN Diagram

CG100III  
Please use the new adapter when read or write data  
Click the bottom left button about the CAN picture to view the connection way  
是(Y) 否(N)



Save original data, click“FLASH repair”

Flash Read **Flash Repair** ISN:  Return  
 VIN:

短接  
短接  
短接  
短接

接ODB 6号脚  
接ODB 14号脚  
接ODB 1号脚  
接ODB 16号脚  
接ODB 5号脚

Please use the new adapter

Wiring Diagram Wiring Diagram Wiring Diagram Fullscreen CAN Diagram

Flash Read Flash Repair ISN:  Return  
 VIN:

短接  
短接  
短接  
短接

接ODB 6号脚  
接ODB 14号脚  
接ODB 1号脚  
接ODB 16号脚  
接ODB 5号脚

Please use the new adapter

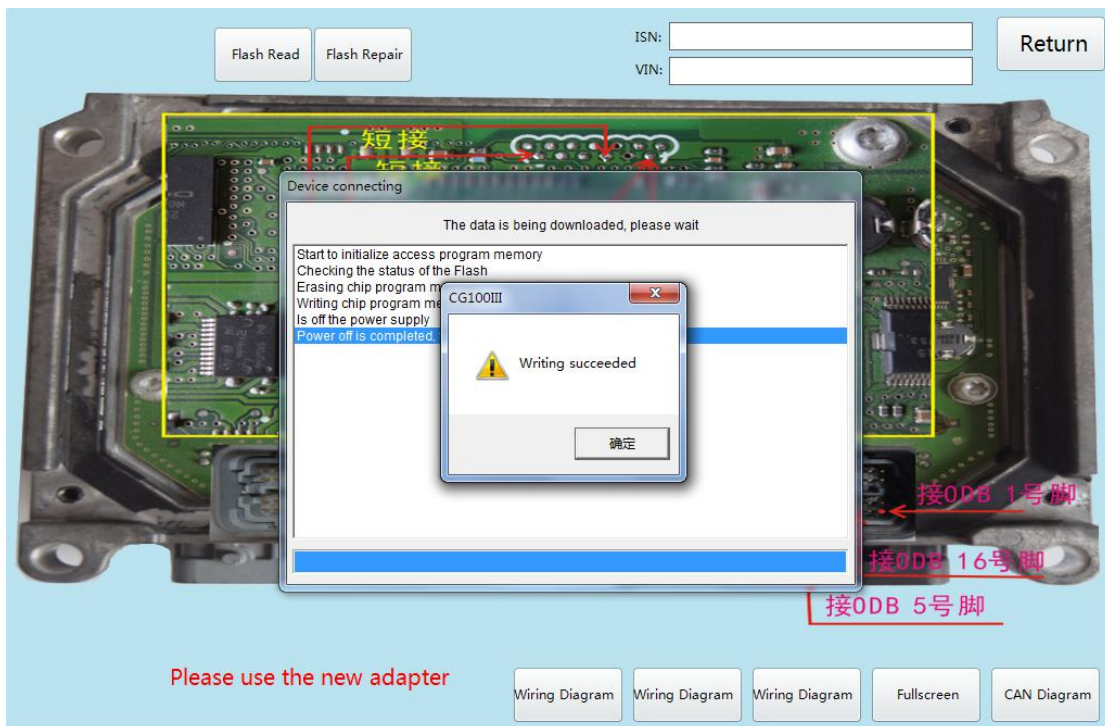
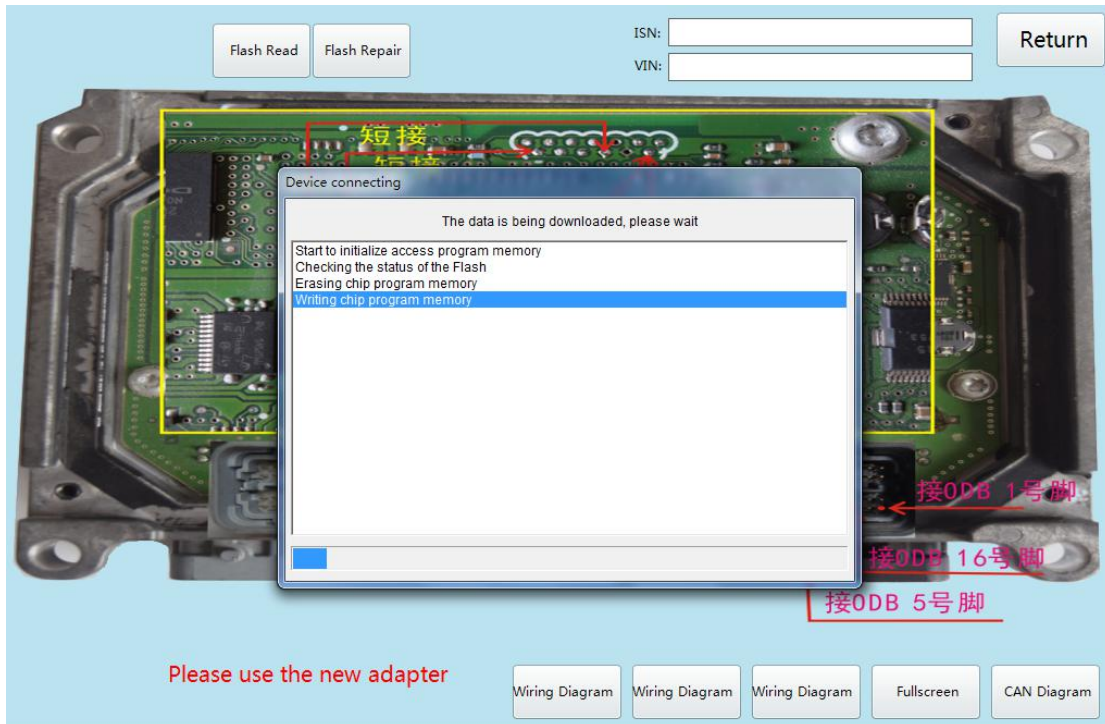
Wiring Diagram Wiring Diagram Wiring Diagram Fullscreen CAN Diagram

CG100III

ⓘ Please use the new adapter when read or write data  
 Click the bottom left button about the CAN picture to view the connection way

是(Y) 否(N)





Repair is complete and can be checked.

**Note:**when devices working normally , can't move swing, in case ,data lost and chip short circuit to be burned. If the "MT80" and "MT60" options do not

find the number to be repaired, you can read original data from below type

MT80(Can read and w

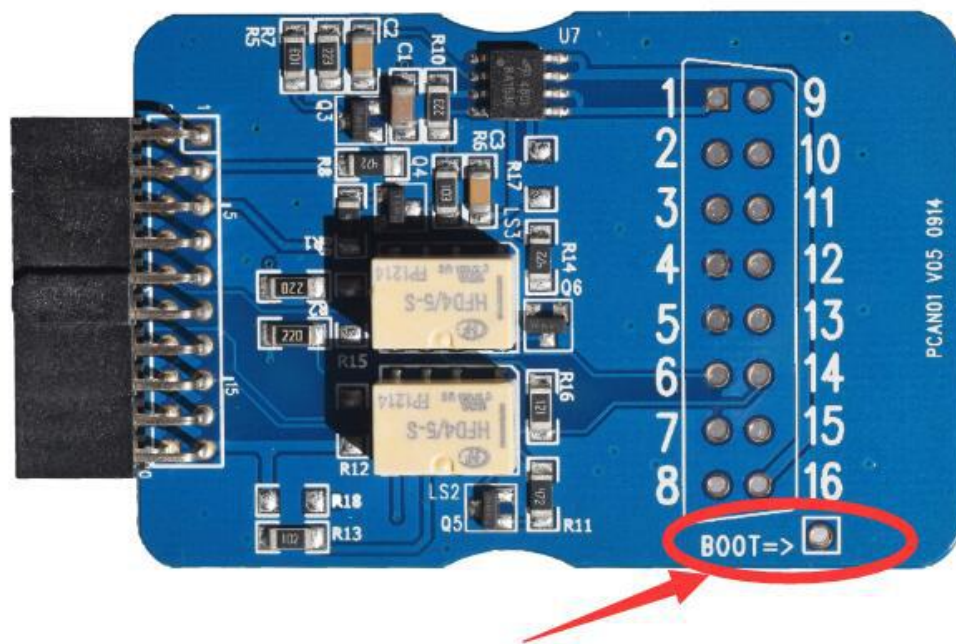
and

MT60(Normal)

,

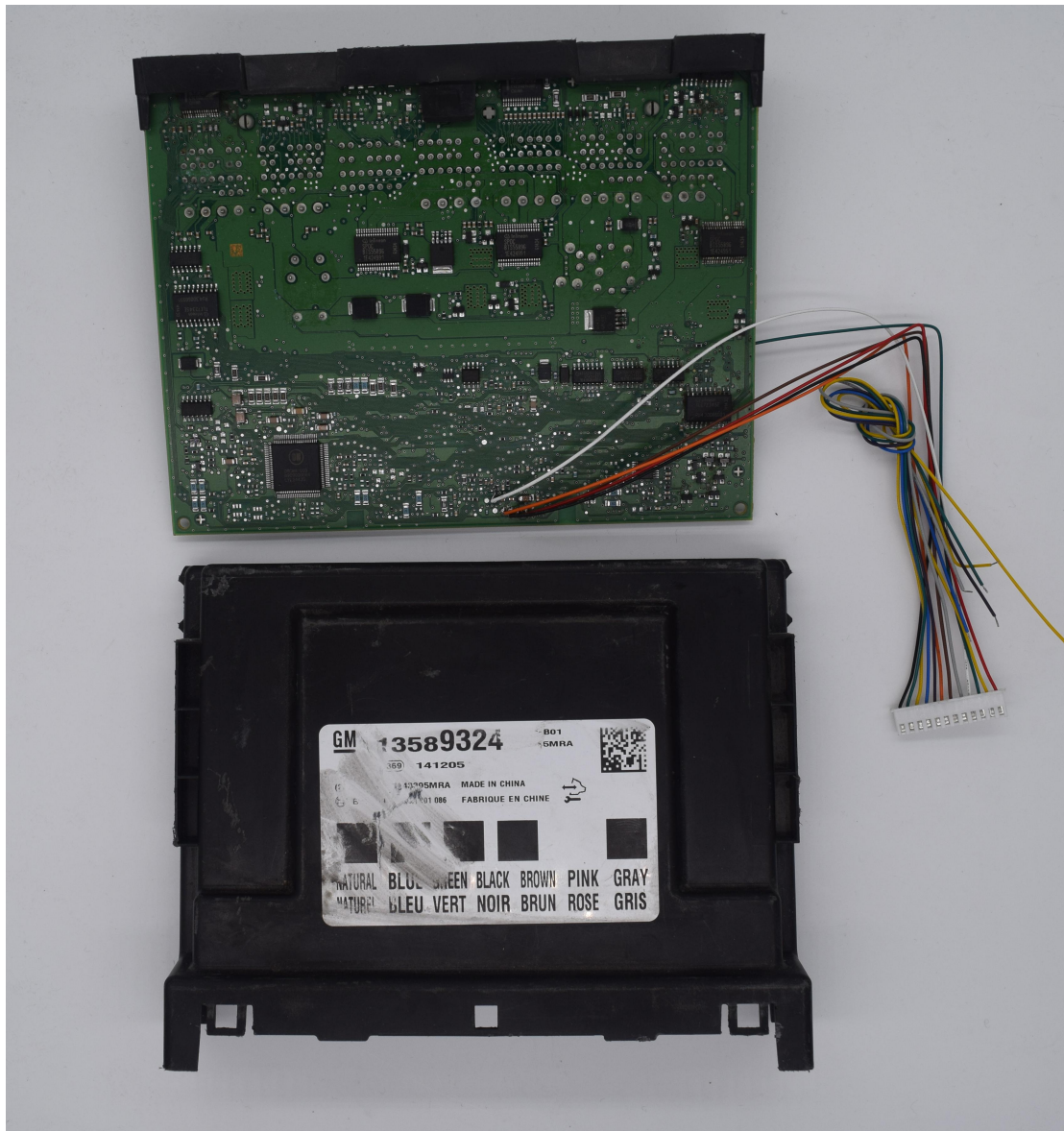
and save well, write into “OK data”。

If devices is full version,can read and write, Volkswagen、BMW、 Bentley's ECU-related data, but to take a more "BOOT" wiring.



## 5.Body computer

For example: General Hideo D70F3469



Enter the relative model options, find the corresponding BCM number, if not, you can consult the manufacturers of technology; if so, you can follow the wiring diagram of the software wiring, if the physical and software provided by the wiring diagram are different, can also follow the chip pin Carry the scale wiring, pay attention to the number of pins to be consistent.



9S12Das



AtmelDas



AirBag



ECU



BCM



UniProg



AMP



Setting



Other functions

Return



GM

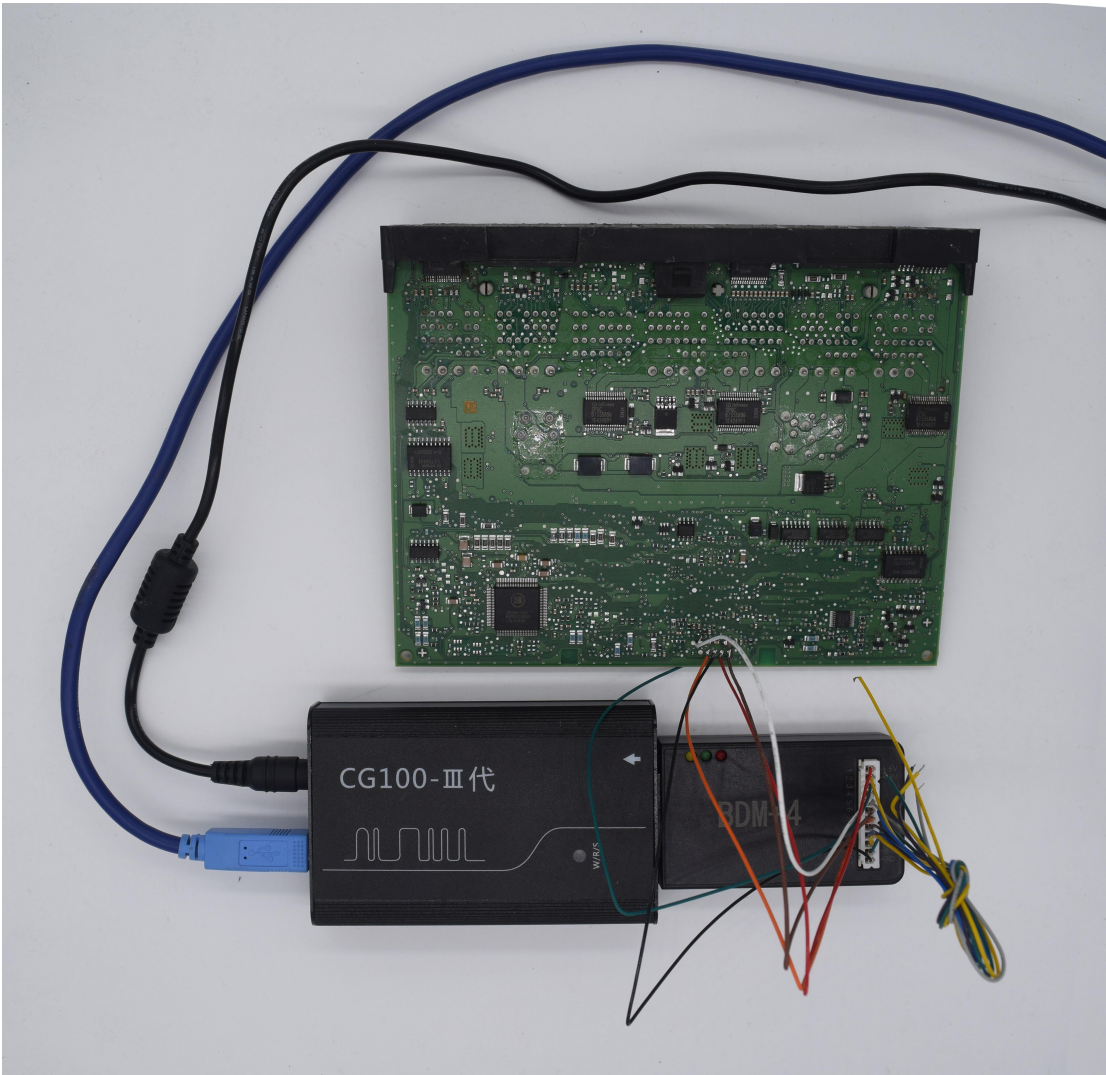
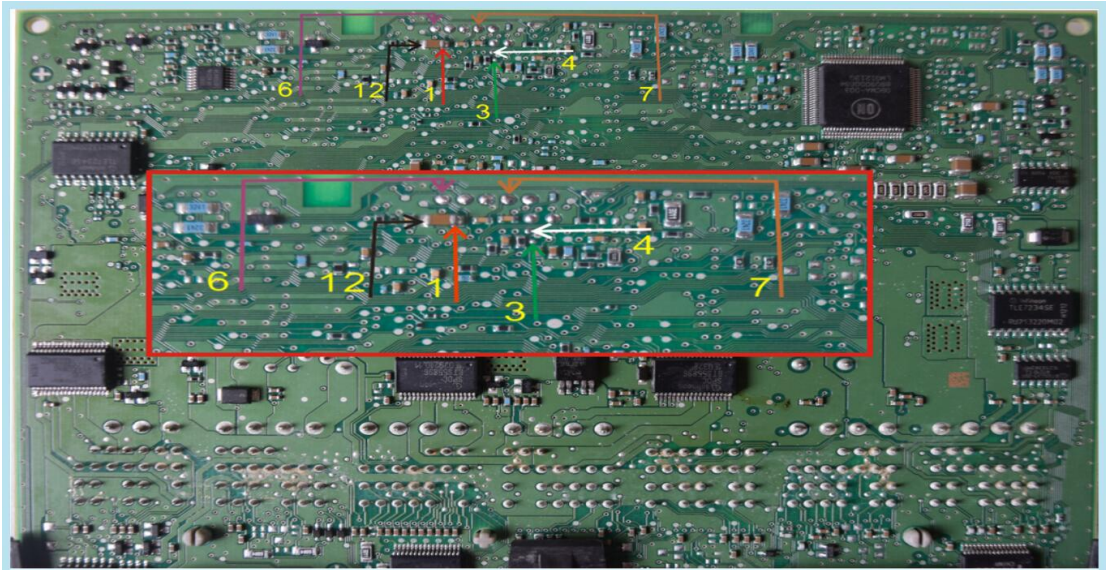


Audi



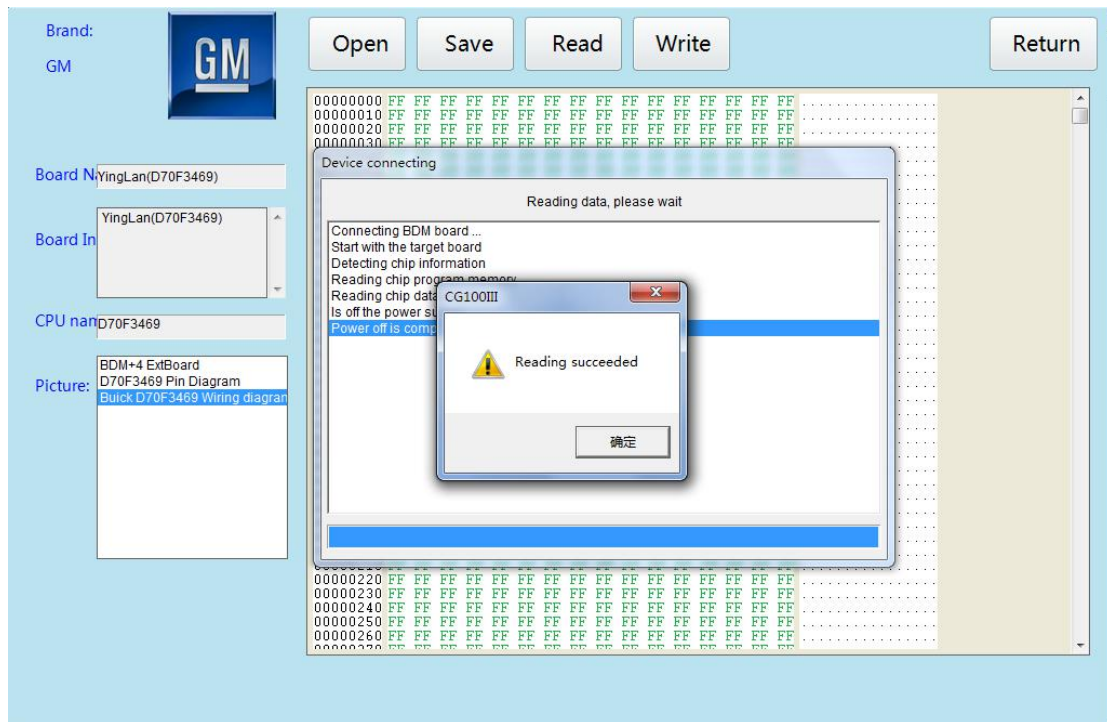
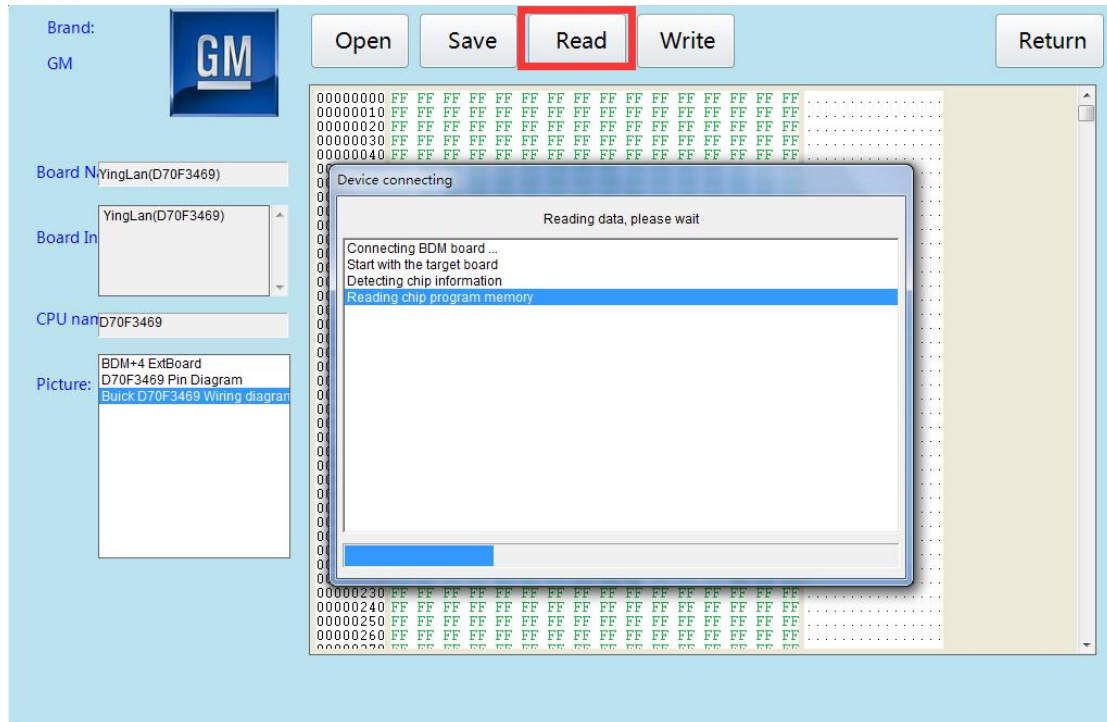
Chevrolet

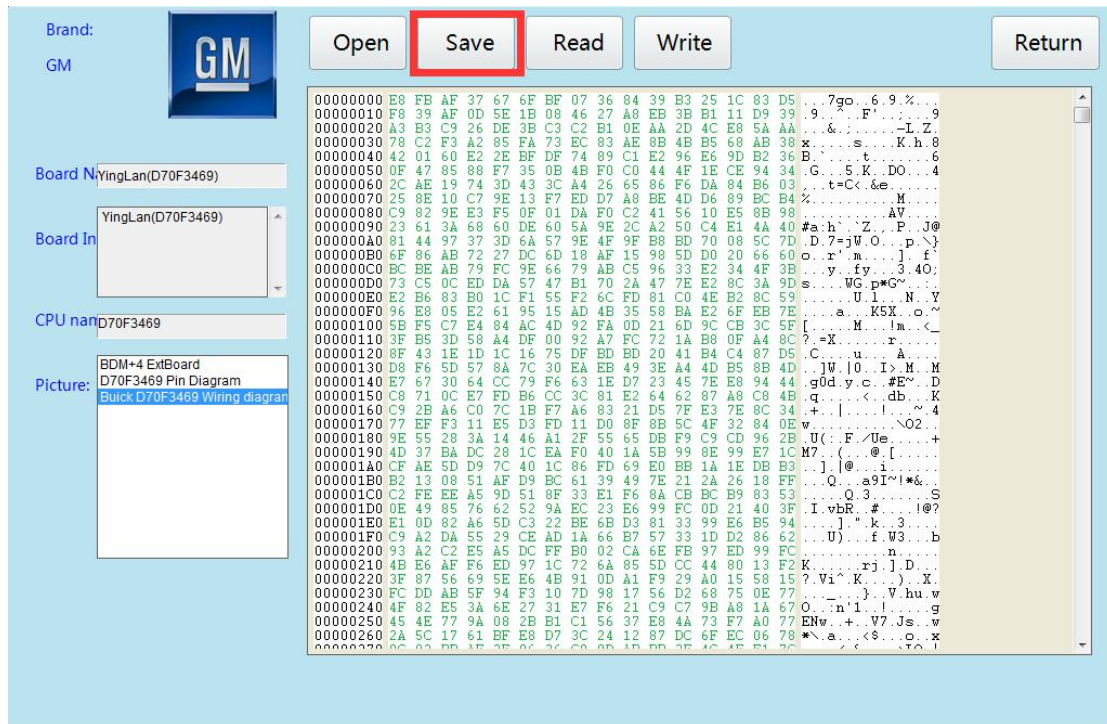




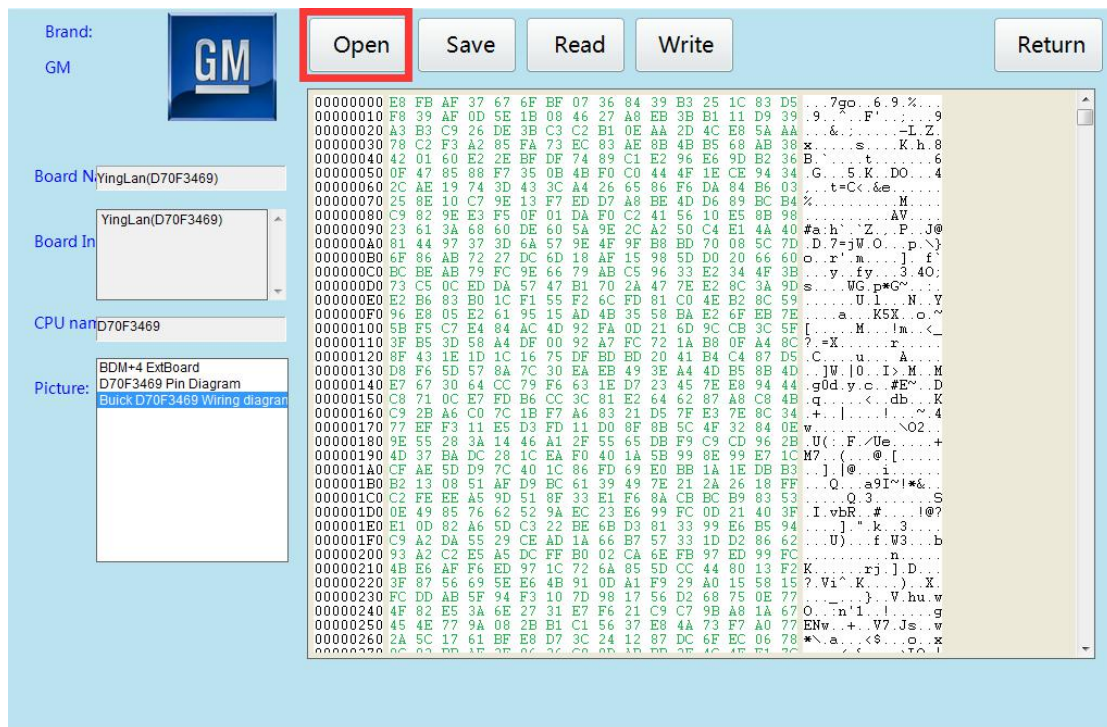
After finishing the line, carefully check, confirm correct, can power operation, click "read" and save the original

data.






If have OK data, also can write into.



After Open "OK data, click "write into".



Brand:  GM

Open Save Read **Write** Return

Board Name: YingLan(D70F3469)

Board In: YingLan(D70F3469)


CPU name: D70F3469

Picture:
 

- BDM+4 ExtBoard
- D70F3469 Pin Diagram
- Buick D70F3469 Wiring diagram

```

00000000 E8 FB AF 37 67 6F BF 07 36 84 39 B3 25 1C 83 D5 ...7go..6.9.%...
00000010 F8 39 AF 0D 5E 1B 08 46 27 A8 EB 3B B1 11 D9 39 ...9...F...9
00000020 A3 B3 C9 26 DE 3B C3 C2 B1 0E AA 2D 4C E8 5A AA ...&...&...-L.Z
00000030 78 C2 F3 A2 85 FA 73 EC 83 AE 8B 4B B5 68 AB 38 x...s...K.h.8
00000040 42 01 60 E2 2E BF DF 74 99 C1 E2 96 E6 9D E2 36 B...s...K...6
00000050 0F 47 85 88 F7 35 0B 4B F0 C0 44 4F 1E CE 94 34 .G...S.K...D...4
00000060 2C AE 19 74 3D 43 3C A4 26 65 86 F6 DA 84 B6 03 .t=Cc&e...
00000070 25 8E 10 C7 9E 13 F7 ED D7 A8 BE 4D D6 89 BC B4 %...M...
00000080 C9 82 9E E3 F5 0F 01 DA F0 C2 41 56 10 E5 8B 98 ...AV...
00000090 23 61 3A 68 60 DE 60 5A 9E 2C A2 50 C4 E1 4A 40 #a:h'Z...P...@
000000A0 81 44 97 37 3D 6A 57 9E 4F 9F B8 BD 70 08 5C 7D .D.7=jW.O...p.N}
000000B0 6F 86 AB 72 27 DC 6D 18 AF 15 98 5D D0 20 66 60 o...r...]...F
000000C0 BC EE AB 79 FC 9E 66 79 AB C5 96 33 E2 34 4F 3B ...y...fy...3.40:
000000D0 73 C5 0C ED DA 57 47 B1 70 2A 47 7E E2 8C 3A 9D s...WG...p*O...
000000E0 E2 B6 83 B0 1C F1 55 F2 6C FD 81 C0 4E B2 8C 59 ...U...N...Y
000000F0 96 E8 05 E2 61 95 15 AD 4B 35 58 BA E2 6F EB 7E ...a...K5X...o...
00000100 5B F5 C7 E4 84 AC 4D 92 FA 0D 21 6D 9C CB 3C 5F [...M...l...K...
00000110 3F B5 3D 58 A4 DF 00 92 A7 FC 72 1A B8 0F A4 8C ?=X...r...
00000120 8F 43 1E 1D 1C 16 75 DF BD BD 20 41 B4 C4 87 D5 .C...r...A...
00000130 D8 F6 5D 57 8A 7C 30 EA EB 49 3E A4 4D B5 8B 4D ...]W.[0...I...M...M
00000140 E7 67 30 64 CC 79 F6 63 1E D7 23 45 7E E8 94 44 g0d.y...c...E...D
00000150 C8 71 0C E7 FD B6 CC 3C 81 E2 64 62 87 A8 C9 4E q...c...db...K
00000160 C9 2B A6 C0 7C 1B F7 A6 83 21 D5 7F E3 7E 8C 34 +...l...l...4
00000170 77 EF F3 11 E5 D3 FD 11 D0 8F 8B 5C 4F 32 84 0E w...l...N02...
00000180 9E 55 28 3A 14 46 A1 2F 55 65 DB F9 C9 CD 96 2B U...F...Ue...+
00000190 4D 37 BA DC 28 1C EA F0 40 1A 5B 99 8E 99 E7 1C M7...@...[...
000001A0 CF AE 5D D9 7C 40 1C 86 FD 69 E0 BB 1A 1E DB B3 ]...|...@...
000001B0 B2 13 08 51 AF D9 BC 61 39 49 7E 21 2A 26 18 FF ...Q...a9I...*...&...
000001C0 C2 FE EE A5 9D 51 8F 33 E1 F6 8A CB BC B9 83 53 ...Q...3...S
000001D0 0E 49 85 76 62 52 9A EC 23 E6 99 FC 0D 21 40 3F .I.wbR...#...i...?
000001E0 E1 0D 82 A6 5D C3 22 BE 6B D3 81 33 99 E6 B5 94 ...l...k...9...
000001F0 C9 A2 DA 55 29 CE AD 1A 66 B7 57 33 1D D2 86 62 ...U...f...W3...b
00000200 93 A2 C2 E5 A5 DC FF B0 02 CA 6E FB 97 ED 99 FC ...n...n...
00000210 4B E6 AF F6 ED 97 1C 72 6A 85 5D CC 44 80 13 F2 K...r...rj...].D...
00000220 3F 87 56 69 5E E6 4B 91 0D A1 F9 29 A0 15 58 15 ?..Vi...K...)...X...
00000230 FC DD AB 5F 94 F3 10 7D 98 17 56 D2 68 75 0E 77 ...)...V...hu...w
00000240 4F 82 E5 3A 6E 27 31 E7 F6 21 C9 C7 9B A8 1A 67 O...n'l...l...g
00000250 45 4E 77 9A 08 2B B1 C1 56 37 E8 4A 73 F7 A0 77 ENw...+...V7...J...w
00000260 2A 5C 17 61 BF E8 D7 3C 24 12 87 DC 6F EC 06 78 *N...a...<$...o...x
00000270 0C 03 DD 1F 2F 8F 26 C0 8D 1D 0D 2F 4C 4F E1 7C
  
```

Brand:  GM

Open Save Read Write Return

Board Name: YingLan(D70F3469)

Board In: YingLan(D70F3469)

CPU name: D70F3469

Picture:
 

- BDM+4 ExtBoard
- D70F3469 Pin Diagram
- Buick D70F3469 Wiring diagram

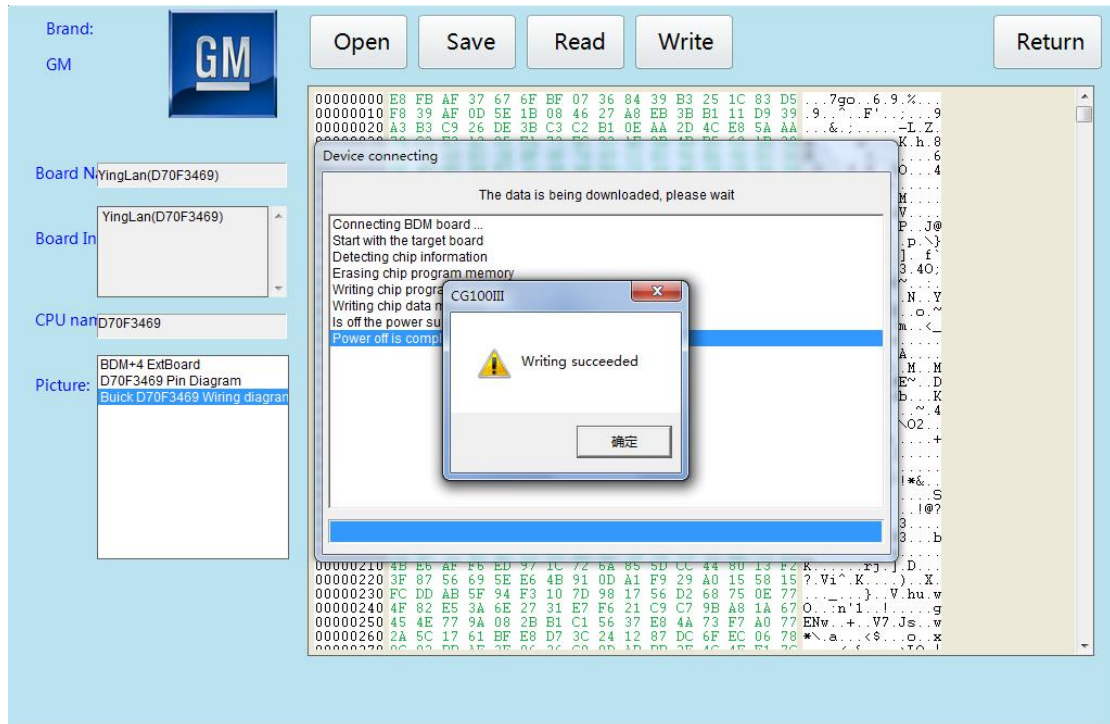
Device connecting

The data is being downloaded, please wait

- Connecting BDM board...
- Start with the target board
- Detecting chip information
- Erasing chip program memory
- Writing chip program memory**

```

00000000 E8 FB AF 37 67 6F BF 07 36 84 39 B3 25 1C 83 D5 ...7go..6.9.%...
00000010 F8 39 AF 0D 5E 1B 08 46 27 A8 EB 3B B1 11 D9 39 ...9...F...9
00000020 A3 B3 C9 26 DE 3B C3 C2 B1 0E AA 2D 4C E8 5A AA ...&...&...-L.Z
00000030 78 C2 F3 A2 85 FA 73 EC 83 AE 8B 4B B5 68 AB 38 x...s...K.h.8
00000040 42 01 60 E2 2E BF DF 74 99 C1 E2 96 E6 9D E2 36 B...s...K...6
00000050 0F 47 85 88 F7 35 0B 4B F0 C0 44 4F 1E CE 94 34 .G...S.K...D...4
00000060 2C AE 19 74 3D 43 3C A4 26 65 86 F6 DA 84 B6 03 .t=Cc&e...
00000070 25 8E 10 C7 9E 13 F7 ED D7 A8 BE 4D D6 89 BC B4 %...M...
00000080 C9 82 9E E3 F5 0F 01 DA F0 C2 41 56 10 E5 8B 98 ...AV...
00000090 23 61 3A 68 60 DE 60 5A 9E 2C A2 50 C4 E1 4A 40 #a:h'Z...P...@
000000A0 81 44 97 37 3D 6A 57 9E 4F 9F B8 BD 70 08 5C 7D .D.7=jW.O...p.N}
000000B0 6F 86 AB 72 27 DC 6D 18 AF 15 98 5D D0 20 66 60 o...r...]...F
000000C0 BC EE AB 79 FC 9E 66 79 AB C5 96 33 E2 34 4F 3B ...y...fy...3.40:
000000D0 73 C5 0C ED DA 57 47 B1 70 2A 47 7E E2 8C 3A 9D s...WG...p*O...
000000E0 E2 B6 83 B0 1C F1 55 F2 6C FD 81 C0 4E B2 8C 59 ...U...N...Y
000000F0 96 E8 05 E2 61 95 15 AD 4B 35 58 BA E2 6F EB 7E ...a...K5X...o...
00000100 5B F5 C7 E4 84 AC 4D 92 FA 0D 21 6D 9C CB 3C 5F [...M...l...K...
00000110 3F B5 3D 58 A4 DF 00 92 A7 FC 72 1A B8 0F A4 8C ?=X...r...
00000120 8F 43 1E 1D 1C 16 75 DF BD BD 20 41 B4 C4 87 D5 .C...r...A...
00000130 D8 F6 5D 57 8A 7C 30 EA EB 49 3E A4 4D B5 8B 4D ...]W.[0...I...M...M
00000140 E7 67 30 64 CC 79 F6 63 1E D7 23 45 7E E8 94 44 g0d.y...c...E...D
00000150 C8 71 0C E7 FD B6 CC 3C 81 E2 64 62 87 A8 C9 4E q...c...db...K
00000160 C9 2B A6 C0 7C 1B F7 A6 83 21 D5 7F E3 7E 8C 34 +...l...l...4
00000170 77 EF F3 11 E5 D3 FD 11 D0 8F 8B 5C 4F 32 84 0E w...l...N02...
00000180 9E 55 28 3A 14 46 A1 2F 55 65 DB F9 C9 CD 96 2B U...F...Ue...+
00000190 4D 37 BA DC 28 1C EA F0 40 1A 5B 99 8E 99 E7 1C M7...@...[...
000001A0 CF AE 5D D9 7C 40 1C 86 FD 69 E0 BB 1A 1E DB B3 ]...|...@...
000001B0 B2 13 08 51 AF D9 BC 61 39 49 7E 21 2A 26 18 FF ...Q...a9I...*...&...
000001C0 C2 FE EE A5 9D 51 8F 33 E1 F6 8A CB BC B9 83 53 ...Q...3...S
000001D0 0E 49 85 76 62 52 9A EC 23 E6 99 FC 0D 21 40 3F .I.wbR...#...i...?
000001E0 E1 0D 82 A6 5D C3 22 BE 6B D3 81 33 99 E6 B5 94 ...l...k...9...
000001F0 C9 A2 DA 55 29 CE AD 1A 66 B7 57 33 1D D2 86 62 ...U...f...W3...b
00000200 93 A2 C2 E5 A5 DC FF B0 02 CA 6E FB 97 ED 99 FC ...n...n...
00000210 4B E6 AF F6 ED 97 1C 72 6A 85 5D CC 44 80 13 F2 K...r...rj...].D...
00000220 3F 87 56 69 5E E6 4B 91 0D A1 F9 29 A0 15 58 15 ?..Vi...K...)...X...
00000230 FC DD AB 5F 94 F3 10 7D 98 17 56 D2 68 75 0E 77 ...)...V...hu...w
00000240 4F 82 E5 3A 6E 27 31 E7 F6 21 C9 C7 9B A8 1A 67 O...n'l...l...g
00000250 45 4E 77 9A 08 2B B1 C1 56 37 E8 4A 73 F7 A0 77 ENw...+...V7...J...w
00000260 2A 5C 17 61 BF E8 D7 3C 24 12 87 DC 6F EC 06 78 *N...a...<$...o...x
00000270 0C 03 DD 1F 2F 8F 26 C0 8D 1D 0D 2F 4C 4F E1 7C
  
```



Write succeed, loading verification

**Note:**when devices working normally , can't move swing, in case ,data lost and chip short circuit to be burned.

**Chip model 9S** general models of the body computer, you can support mileage adjustment, calculate the password; other models of the chip can read and write data.

## 6.Universal programmer



7.The universal programmer contains all the chip types supported by the device and software, and can be used to read and write data.

If there is no airbag models to be listed, please use special programming.

That is, "universal programmer this option."Car amplifier

Example: Audi ST10F272

Enter the relative model options, find the corresponding number, if not, you can consult the manufacturers of technology; if so, you can follow the wiring diagram of the software wiring, if the physical and software provides access, you can also follow the chip pin chart Wiring, pay attention to the number of pins to be consistent.



9S12Das



AtmelDas



AirBag



ECU



BCM



UniProg



AMP



Setting



Other functions

Return



Audi

Brand:

Audi

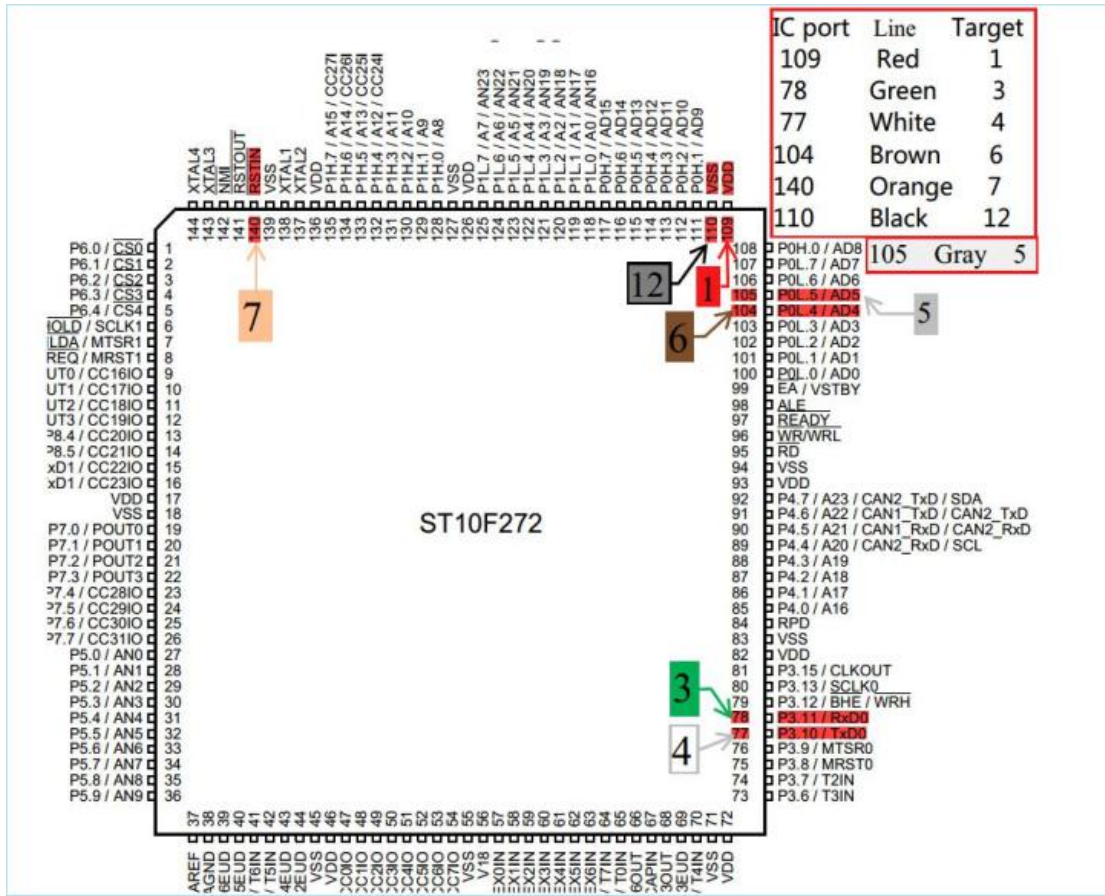


Return

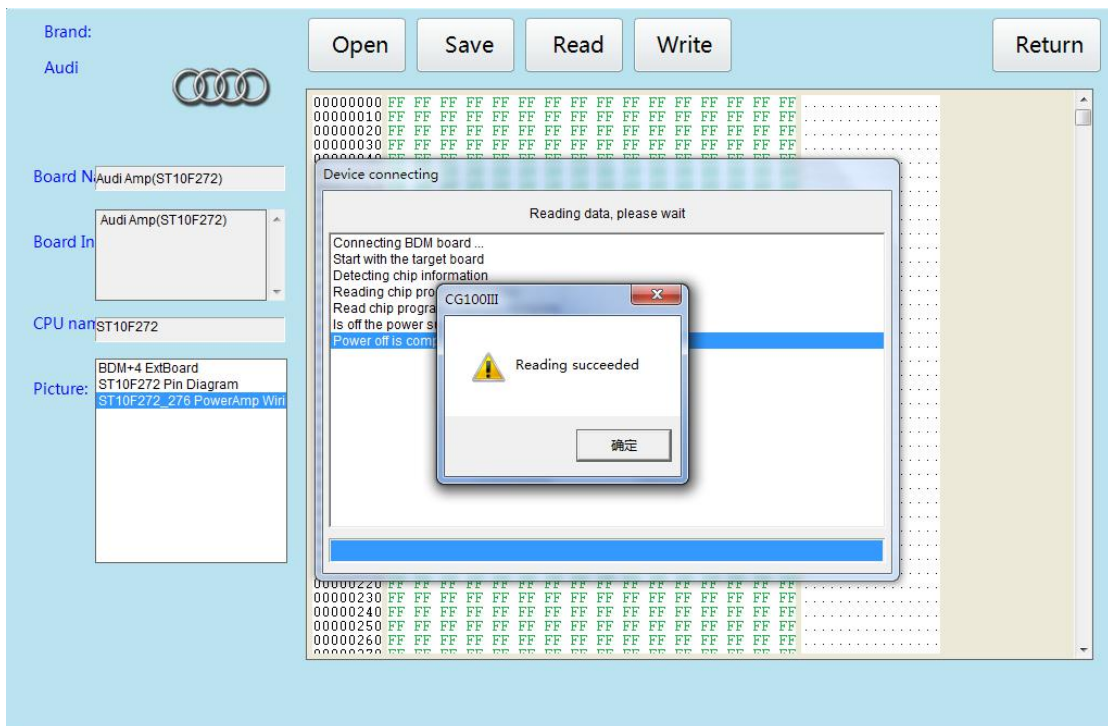
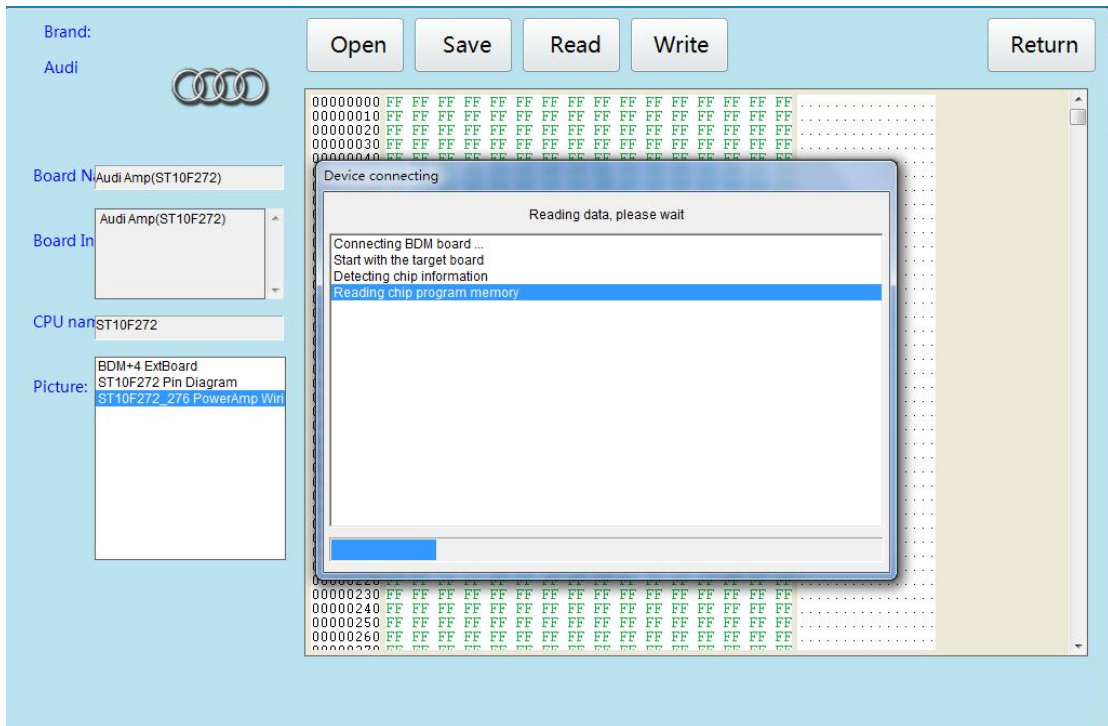
Audi Amp(ST10F269)

Audi Amp(ST10F272)

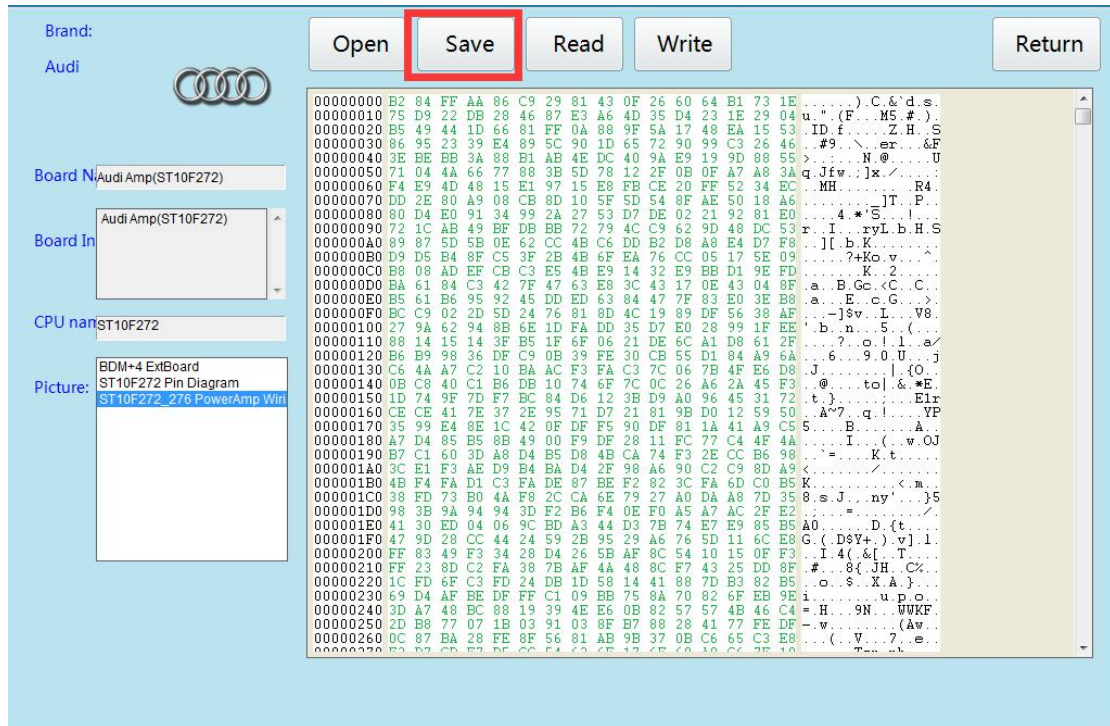
If there is no airbag models to be listed, please use special programming.



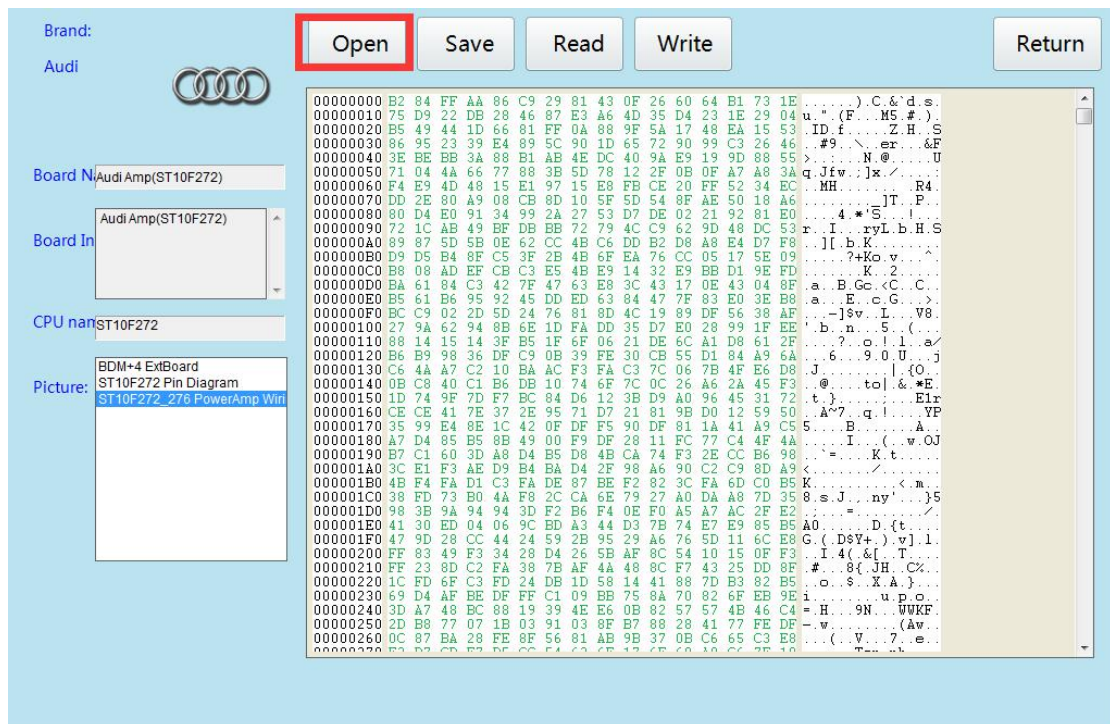




Reading succeed, click“save”original data.



If have “OK”data, then,can repair, click“open”OK”data and “write into”.





Brand: Audi

Open Save Read **Write** Return

Board Name: Audi Amp(ST10F272)

Board In: Audi Amp(ST10F272)

CPU name: ST10F272

Picture: BDM+4 ExtBoard  
ST10F272 Pin Diagram  
ST10F272\_276 PowerAmp Wri

```

00000000 B2 84 FF AA 86 C9 29 81 43 0F 26 60 64 B1 73 1E .....C.&d.s.
00000010 75 D9 22 DE 28 46 87 E3 A6 4D 35 D4 23 1E 29 04 u"(F...MS.#.)
00000020 B5 49 44 1D 66 81 FF 0A 88 9F 5A 17 48 EA 15 53 .ID.f...Z.H.S
00000030 86 95 23 39 E4 89 5C 90 1D 65 72 90 99 C3 26 46 >#9...N...ex.&F
00000040 3E BE BB 3A 88 B1 AB 4E DC 40 9A E9 19 9D 88 55 >...N@...U
00000050 71 04 4A 66 77 8B 3B 5D 78 12 2F 0B 0F A7 A8 3A q.Jiv...K...
00000060 F4 E9 4D 48 15 E1 97 15 E8 FB CE 20 FF 52 34 EC .MH...R4
00000070 DD 2E 80 A9 08 CB 8D 10 5F 5D 54 8F AE 50 18 A6 .....J.T.P...
00000080 D4 E0 91 34 99 2A 27 53 D7 DE 02 21 92 81 E0 .....4.*S...
00000090 72 1C AB 49 BF DB BB 72 79 AC C9 62 9D 48 DC 53 r...I...ryLib.H.S
000000A0 89 87 5D 5B 0E 62 CC 4B C6 DD B2 D8 A8 E4 D7 F8 .....J[b.K...
000000B0 D9 D5 B4 8F C5 3F 2B 4B 6F EA 76 CC 05 17 5E 09 .....?+Ko v...
000000C0 B8 08 AD EF CB C3 E5 4B E9 14 32 E9 BB D1 9E FD .....a.E.G...C.C...
000000D0 BA 61 84 C3 42 7F 47 63 E8 3C 43 17 0E 43 04 8F .....e.c.C...
000000E0 B5 61 B6 95 92 45 DD ED 63 84 47 7F 83 E0 3E B8 .....]sv...L...V8.
000000F0 BC 09 02 2D 5D 24 76 81 8D 4C 19 89 DF 56 38 AF .....b...n...5.../
00000100 27 9A 62 94 8B 6E 1D FA DD 35 D7 E0 28 99 1F EE .....?o...l.../
00000110 88 14 15 14 3F B5 1F 6F 06 21 DE 6C A1 D8 61 2F .....6...9...U.../
00000120 B6 B9 98 36 DF C9 0B 39 FE 30 CB 55 D1 84 A9 6A .....J...s...J.../
00000130 C6 4A A7 C2 10 BA AC F3 FA C3 7C 06 7B 4F E6 D8 .....@...to|&*.E.
00000140 0B C8 40 C1 B6 DB 10 74 6F 7C 0C 26 A6 2A 45 F3 .....t...q...Y.P
00000150 1D 74 9F 7D F7 EC 84 D6 12 3B D9 AD 96 45 31 72 .....A?...q...
00000160 CE CE 41 7E 37 2E 95 71 D7 21 81 9B D0 12 59 50 .....B...B...A
00000170 35 99 E4 8E 1C 42 0F DF F5 90 DF 81 1A 41 A9 C5 5 .....I...I...w.OJ
00000180 A7 D4 85 B5 8B 49 00 F9 DF 28 11 FC 77 C4 4F 4A .....K.t...
00000190 B7 C1 60 3D A8 D4 B5 D8 4B CA 74 F3 2E CC B6 98 .....K...s...J...ny...5
000001A0 3C E1 F3 AE D9 B4 BA D4 2F 98 A6 90 C2 C9 8D A9 .....D...D...
000001B0 4B F4 FA D1 C3 FA DE 87 BE F2 82 3C FA 6D C0 B5 K...o...s...X.A.
000001C0 38 FD 73 B0 4A F8 2C CA 6E 79 27 AD DA A8 7D 35 8 .....i...u...p...
000001D0 98 3B 9A 94 94 3D F2 E6 F4 0E F0 A5 A7 AC 2F E2 .....H...9N...WVKF.
000001E0 41 30 ED 04 06 9C ED A3 44 D3 7B 74 E7 E9 85 B5 A .....w...w...7...e
000001F0 47 9D 28 CC 44 24 59 2B 95 29 A6 76 5D 11 6C E8 G...I...T...
00000200 FF 83 49 F3 34 28 D4 26 5B AF 8C 54 10 15 0F F3 .....8...{JH...C%
00000210 F7 23 8D C2 FA 38 7B AF 4A 48 8C F7 43 25 DD 8F .....o...s...X.A.
00000220 1C FD 6F C3 FD 24 DB 1D 58 14 41 88 7D B3 82 B5 .....i...u...p...
00000230 69 D4 AF BE DF FF C1 09 BB 75 8A 70 82 6F EB 9E .....H...9N...WVKF.
00000240 3D A7 48 BC 88 19 39 4E E6 0B 82 57 57 4B 46 C4 =...w...w...7...e
00000250 2D B8 77 07 1B 03 91 03 8F B7 88 28 41 77 FE DF .....V...7...e
00000260 DC 87 BA 28 FE 8F 56 81 AB 9B 37 0B C6 65 C3 E8 .....V...7...e
00000270 B3 CB F3 DF CC F4 C3 47 67 67 67 67 67 67 67 67 67
  
```

Brand: Audi

Open Save Read Write Return

Board Name: Audi Amp(ST10F272)

Board In: Audi Amp(ST10F272)

CPU name: ST10F272

Picture: BDM+4 ExtBoard  
ST10F272 Pin Diagram  
ST10F272\_276 PowerAmp Wri

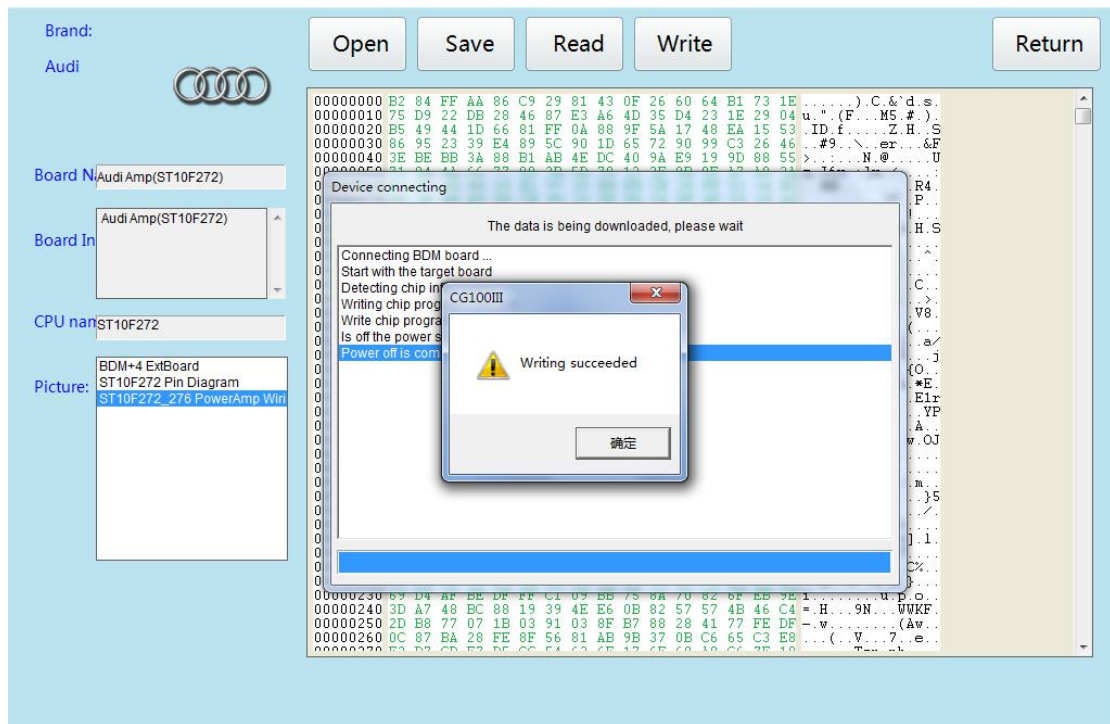
Device connecting

The data is being downloaded, please wait

Connecting BDM board ...  
Start with the target board  
Detecting chip information  
Writing chip program memory

```

00000000 B2 84 FF AA 86 C9 29 81 43 0F 26 60 64 B1 73 1E .....C.&d.s.
00000010 75 D9 22 DE 28 46 87 E3 A6 4D 35 D4 23 1E 29 04 u"(F...MS.#.)
00000020 B5 49 44 1D 66 81 FF 0A 88 9F 5A 17 48 EA 15 53 .ID.f...Z.H.S
00000030 86 95 23 39 E4 89 5C 90 1D 65 72 90 99 C3 26 46 >#9...N...ex.&F
00000040 3E BE BB 3A 88 B1 AB 4E DC 40 9A E9 19 9D 88 55 >...N@...U
00000050 71 04 4A 66 77 8B 3B 5D 78 12 2F 0B 0F A7 A8 3A q.Jiv...K...
00000060 F4 E9 4D 48 15 E1 97 15 E8 FB CE 20 FF 52 34 EC .MH...R4
00000070 DD 2E 80 A9 08 CB 8D 10 5F 5D 54 8F AE 50 18 A6 .....J.T.P...
00000080 D4 E0 91 34 99 2A 27 53 D7 DE 02 21 92 81 E0 .....4.*S...
00000090 72 1C AB 49 BF DB BB 72 79 AC C9 62 9D 48 DC 53 r...I...ryLib.H.S
000000A0 89 87 5D 5B 0E 62 CC 4B C6 DD B2 D8 A8 E4 D7 F8 .....J[b.K...
000000B0 D9 D5 B4 8F C5 3F 2B 4B 6F EA 76 CC 05 17 5E 09 .....?+Ko v...
000000C0 B8 08 AD EF CB C3 E5 4B E9 14 32 E9 BB D1 9E FD .....a.E.G...C.C...
000000D0 BA 61 84 C3 42 7F 47 63 E8 3C 43 17 0E 43 04 8F .....e.c.C...
000000E0 B5 61 B6 95 92 45 DD ED 63 84 47 7F 83 E0 3E B8 .....]sv...L...V8.
000000F0 BC 09 02 2D 5D 24 76 81 8D 4C 19 89 DF 56 38 AF .....b...n...5.../
00000100 27 9A 62 94 8B 6E 1D FA DD 35 D7 E0 28 99 1F EE .....?o...l.../
00000110 88 14 15 14 3F B5 1F 6F 06 21 DE 6C A1 D8 61 2F .....6...9...U.../
00000120 B6 B9 98 36 DF C9 0B 39 FE 30 CB 55 D1 84 A9 6A .....J...s...J.../
00000130 C6 4A A7 C2 10 BA AC F3 FA C3 7C 06 7B 4F E6 D8 .....@...to|&*.E.
00000140 0B C8 40 C1 B6 DB 10 74 6F 7C 0C 26 A6 2A 45 F3 .....t...q...Y.P
00000150 1D 74 9F 7D F7 EC 84 D6 12 3B D9 AD 96 45 31 72 .....A?...q...
00000160 CE CE 41 7E 37 2E 95 71 D7 21 81 9B D0 12 59 50 .....B...B...A
00000170 35 99 E4 8E 1C 42 0F DF F5 90 DF 81 1A 41 A9 C5 5 .....I...I...w.OJ
00000180 A7 D4 85 B5 8B 49 00 F9 DF 28 11 FC 77 C4 4F 4A .....K.t...
00000190 B7 C1 60 3D A8 D4 B5 D8 4B CA 74 F3 2E CC B6 98 .....K...s...J...ny...5
000001A0 3C E1 F3 AE D9 B4 BA D4 2F 98 A6 90 C2 C9 8D A9 .....D...D...
000001B0 4B F4 FA D1 C3 FA DE 87 BE F2 82 3C FA 6D C0 B5 K...o...s...X.A.
000001C0 38 FD 73 B0 4A F8 2C CA 6E 79 27 AD DA A8 7D 35 8 .....i...u...p...
000001D0 98 3B 9A 94 94 3D F2 E6 F4 0E F0 A5 A7 AC 2F E2 .....H...9N...WVKF.
000001E0 41 30 ED 04 06 9C ED A3 44 D3 7B 74 E7 E9 85 B5 A .....w...w...7...e
000001F0 47 9D 28 CC 44 24 59 2B 95 29 A6 76 5D 11 6C E8 G...I...T...
00000200 FF 83 49 F3 34 28 D4 26 5B AF 8C 54 10 15 0F F3 .....8...{JH...C%
00000210 F7 23 8D C2 FA 38 7B AF 4A 48 8C F7 43 25 DD 8F .....o...s...X.A.
00000220 1C FD 6F C3 FD 24 DB 1D 58 14 41 88 7D B3 82 B5 .....i...u...p...
00000230 69 D4 AF BE DF FF C1 09 BB 75 8A 70 82 6F EB 9E .....H...9N...WVKF.
00000240 3D A7 48 BC 88 19 39 4E E6 0B 82 57 57 4B 46 C4 =...w...w...7...e
00000250 2D B8 77 07 1B 03 91 03 8F B7 88 28 41 77 FE DF .....V...7...e
00000260 DC 87 BA 28 FE 8F 56 81 AB 9B 37 0B C6 65 C3 E8 .....V...7...e
00000270 B3 CB F3 DF CC F4 C3 47 67 67 67 67 67 67 67 67 67
  
```

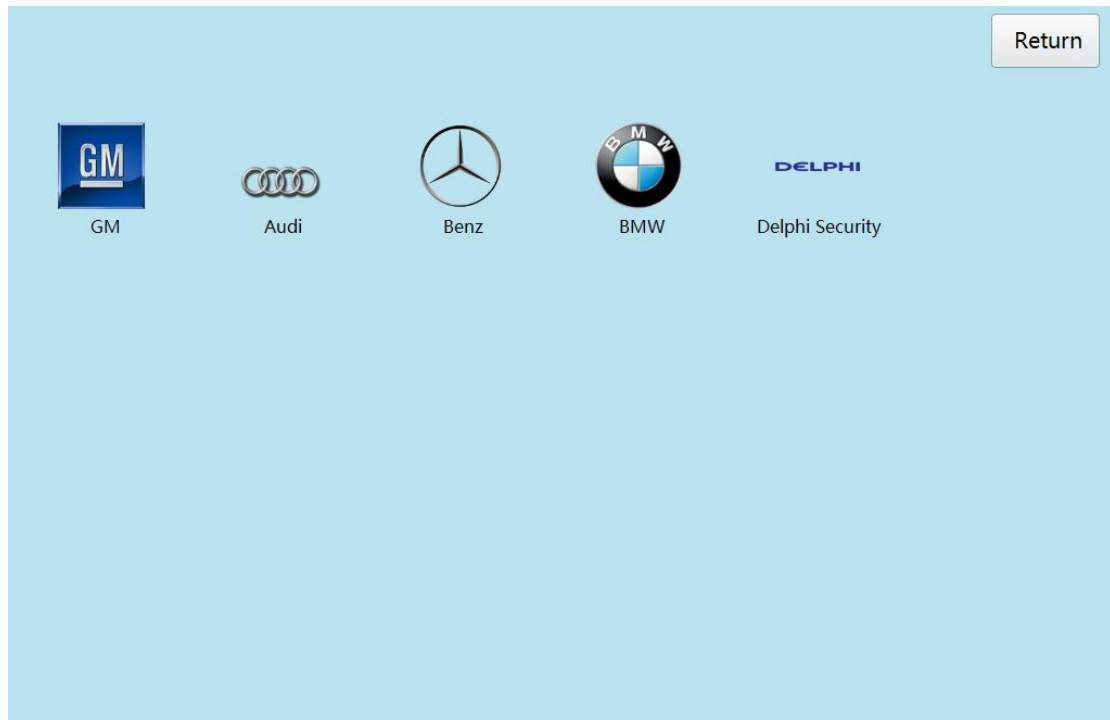


Reading succeed,can load in the car and test.**Note:when devices working normally,cannt move swing,in case ,data lost and chip short circuit to be burned. Car amplifier can read and write data , and repair car parts in abnormally。**

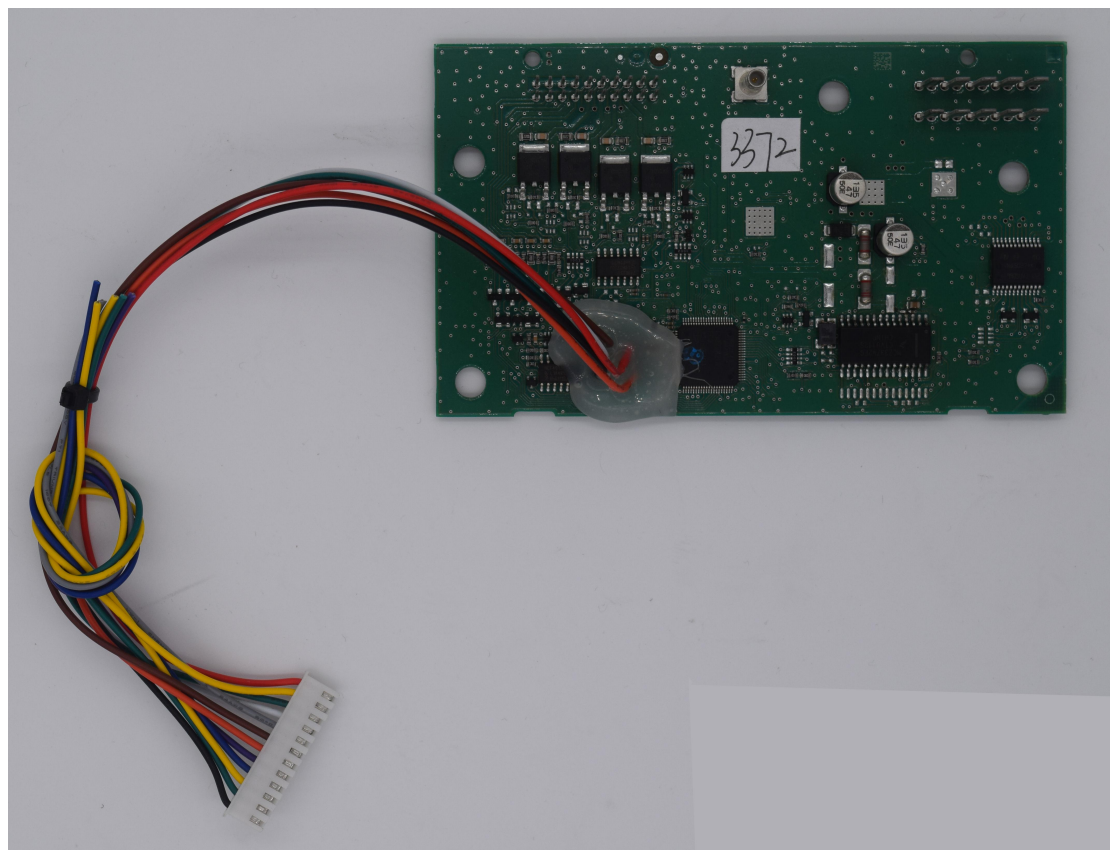
## 8.System setup:





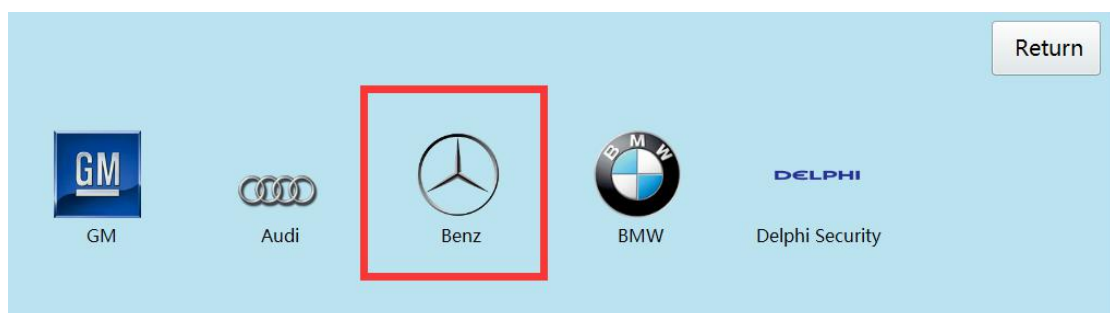
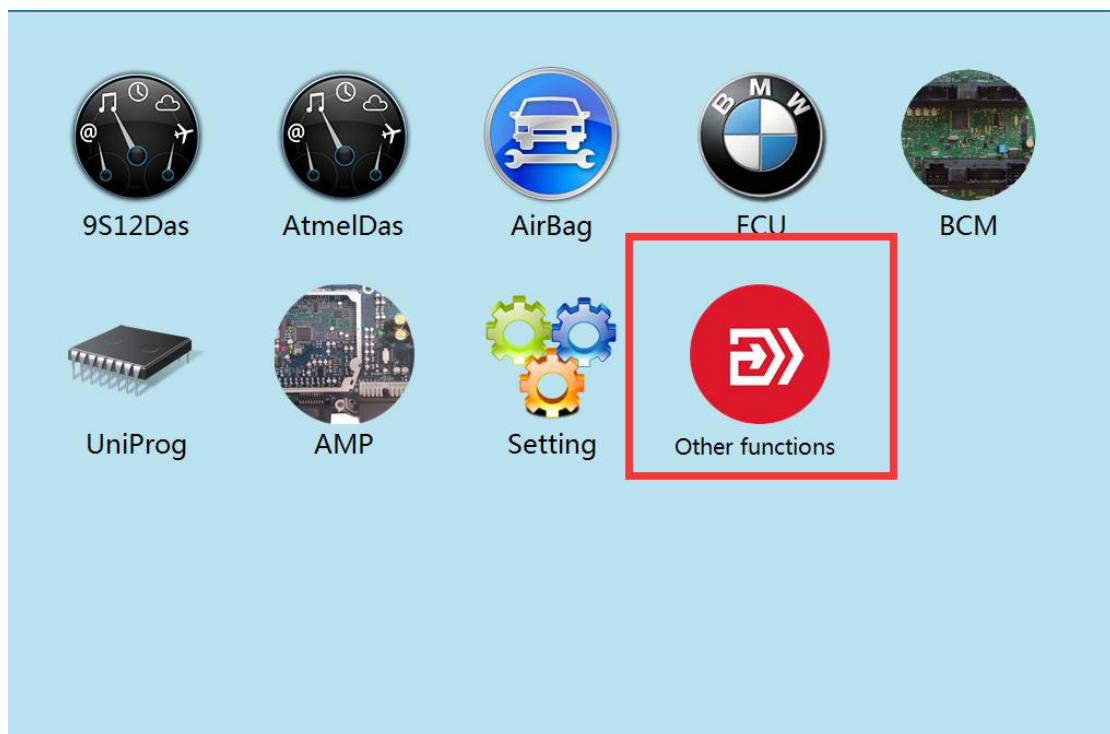


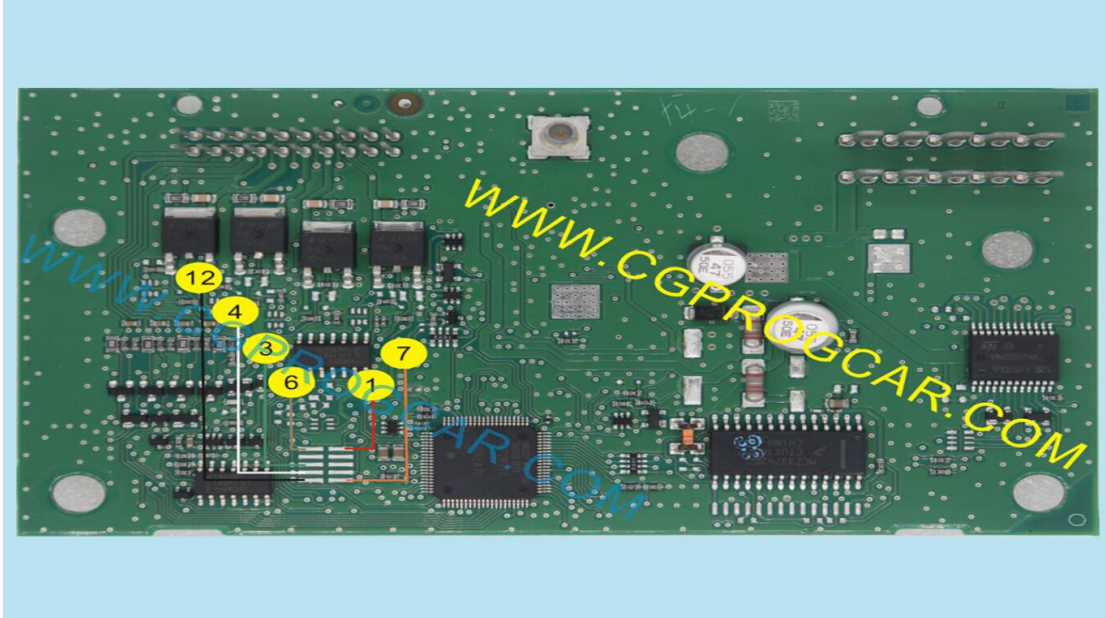
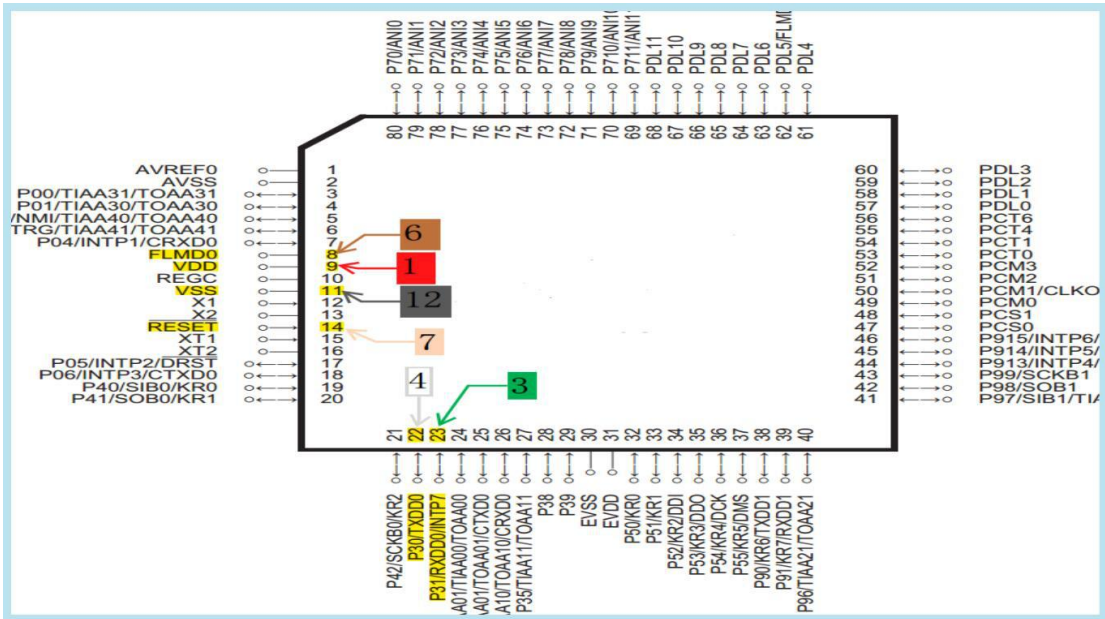
Example: Mez smart computer D70F3372



Enter the relative model options, find the corresponding

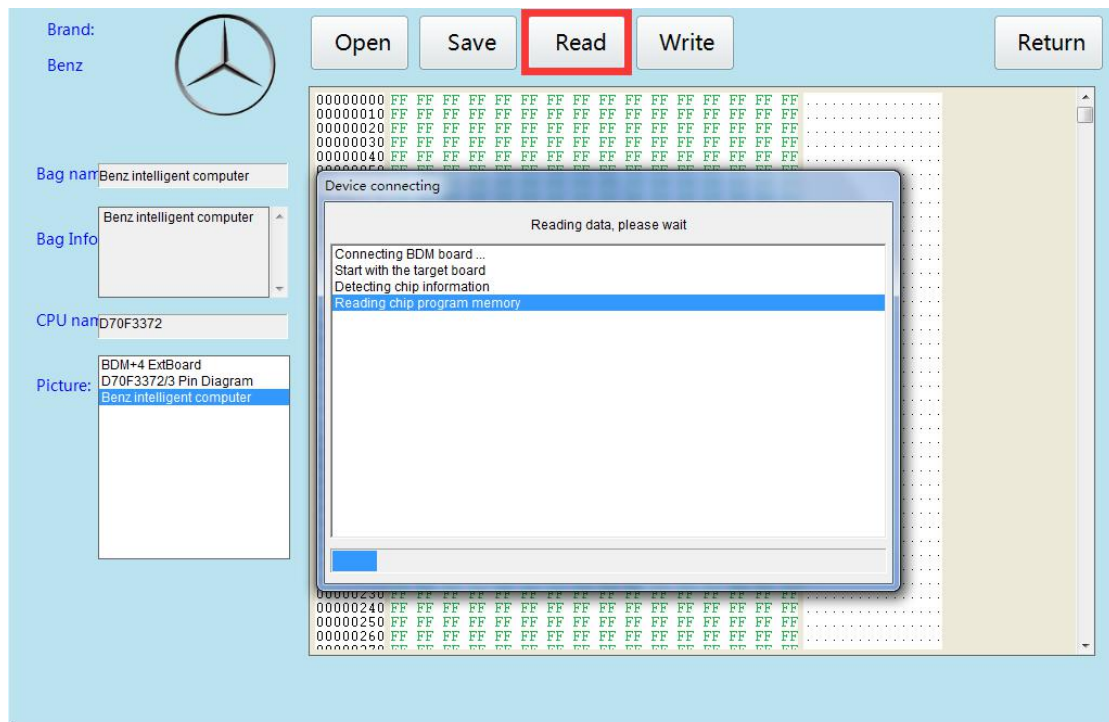
number, If there is no, you can consult the manufacturers of technology; if there is, in accordance with the software wiring diagram for wiring, if the physical and software provided by the access, you can also follow the chip pin diagram of the meter wiring, pay attention to the number of pins to be consistent.



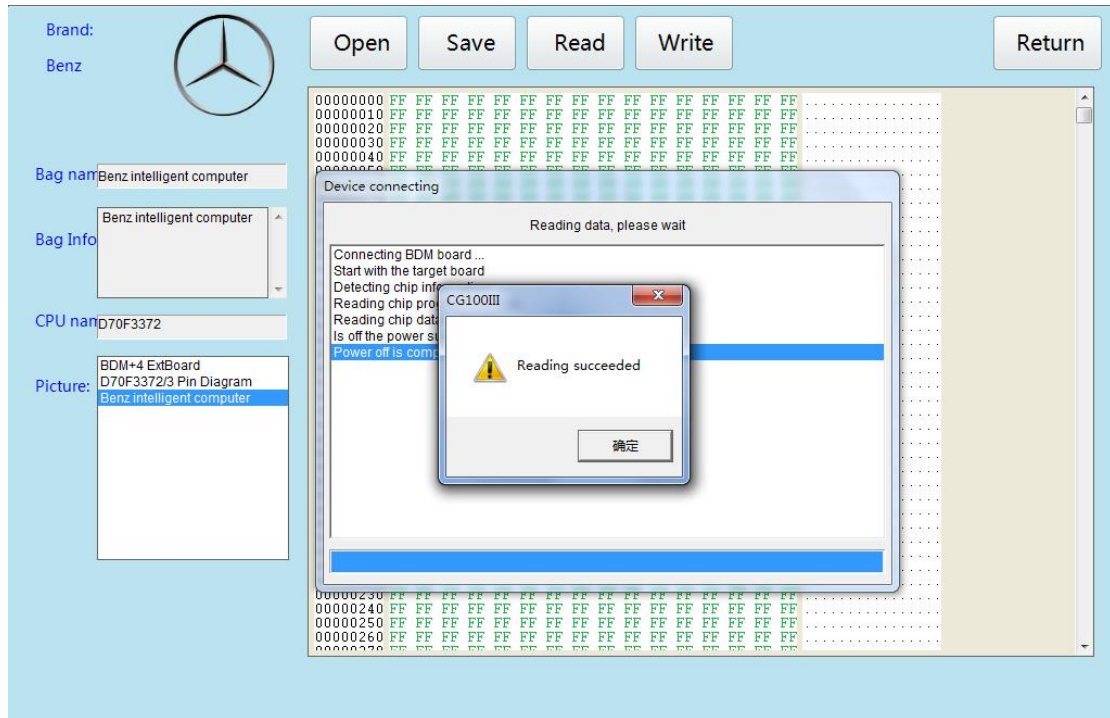




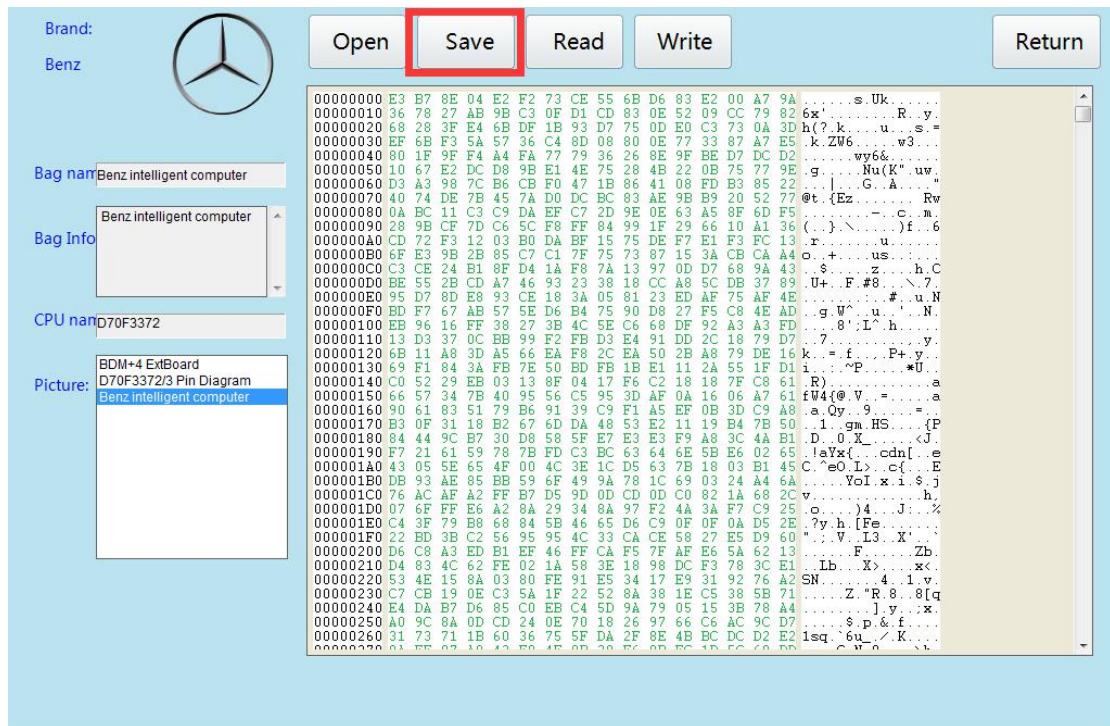
After connect wire,check carefully ,only confirm can connected with power to operate.click“reading”。








Reading succeed, click "save original data."



Saved original data ,If have "OK" data , can repair, click "open" "OK" data and write into.

Brand:  Benz

Open Save Read Write Return

Bag name: Benz intelligent computer


Bag Info: Benz intelligent computer

CPU name: D70F3372

Picture: BDM+4 ExtBoard, D70F3372/3 Pin Diagram, Benz intelligent computer

```

00000000 E3 B7 8E 04 E2 F2 73 CE 55 6B D6 83 E2 00 A7 9A .....s.Uk.....
00000010 36 78 27 AB 9B C3 0F D1 CD 83 0E 52 09 CC 79 82 6x.....R.y.
00000020 68 28 3F E4 6B DF 1B 93 D7 75 0D E0 C3 73 0A 3D h(?k.....u.s.=
00000030 EF 6B F3 5A 57 36 C4 8D 08 80 0E 77 33 87 A7 E5 .k.ZW6.....w3...
00000040 80 1F 9F F4 A4 FA 77 79 36 26 8E 9F BE D7 DC D2 .....wy6&.....
00000050 10 67 E2 DC D8 9B E1 4E 75 28 4B 22 0B 75 77 9E .g.....Nu(K"uw.
00000060 D3 A3 98 7C B6 CB F0 47 1B 86 41 08 FD B3 85 22 .....G.A.....
00000070 40 74 DE 7B 45 7A 0D DC BC 83 AE 9B B9 20 52 77 @t{Ez.....Rw
00000080 0A BC 11 C3 C9 DA EF C7 2D 9E 0E 63 A5 8F 6D F5 .....c.m.
00000090 28 9B CF 7D C6 5C F8 FF 84 99 1F 29 66 10 A1 36 (.)N.....)f.6
000000A0 CD 72 F3 12 03 B0 DA BF 15 75 DE F7 E1 F3 FC 13 .r.....
000000B0 6F E3 9B 2B 85 C7 C1 7F 75 73 87 15 3A CB CA A4 o.+.....us.....
000000C0 C3 CE 24 B1 8F D4 1A F8 7A 13 97 0D D7 68 9A 43 $.....z.....h.C
000000D0 BE 55 2B CD A7 46 93 23 38 18 CC A8 5C DB 37 89 U+.F.#8.....N.7
000000E0 95 D7 8D E8 93 CE 1B 3A 05 81 23 ED AF 75 AF 4E .....g.W.....u.N
000000F0 BD F7 67 AB 57 5E D6 B4 75 90 D8 27 F5 C8 4E AD .....8"IL.....h...
00000100 EB 96 16 FF 38 27 3B 4C 5E C6 68 DF 92 A3 A3 FD .....7.....y.
00000110 13 D3 37 0C BB 99 F2 FB D3 E4 91 DD 2C 18 79 D7 16 k.=.f.....+y.
00000120 6B 11 A8 3D A5 66 EA F8 2C EA 50 2B A8 79 DE 16 k.=.f.....+y.
00000130 69 F1 84 3A FB 7E 50 BD FB 1B E1 11 2A 55 1F D1 i.....P.....*U.
00000140 C0 52 29 EB 03 13 8F 04 17 F6 C2 18 18 7F C8 61 R).....J.....a
00000150 66 57 34 7B 40 95 56 C5 95 3D AF 0A 16 06 A7 61 fW4{.V.....=...a
00000160 90 61 83 51 79 B6 91 39 C9 F1 A5 EF 0B 3D C9 A8 .a.Qy.....9.....u.N
00000170 B3 0F 31 18 B2 67 6D DA 48 53 E2 11 19 B4 7B 50 .l.g.H.S.....(P
00000180 84 44 9C B7 3D D8 58 5F E7 E3 E3 F9 A8 3C 4A B1 .D..0.X.....<J
00000190 F7 21 61 59 78 7B FD C3 BC 63 64 6E 5B E6 02 65 .laYx{.....cdn[.e
000001A0 43 05 5E 65 4F 00 4C 3E 1C D5 63 7B 18 03 B1 45 C.eO.L.....c{...E
000001B0 DB 93 AE 85 BB 59 6F 49 9A 78 1C 69 03 24 A4 6A .....VoI.x.i.$;j
000001C0 76 AC AF A2 FF B7 D5 9D 0D CD 0D C0 82 1A 68 2C v.....i.....*U.
000001D0 07 6F FF E6 A2 8A 29 34 8A 97 F2 4A 3A F7 C9 25 v.....)4.....J.....%
000001E0 C4 3F 79 B9 68 84 5B 46 65 D6 C9 0F 0F 0A D5 2E .y.h.[Fe.....h...X
000001F0 22 BD 3B C2 56 95 95 4C 33 CA CE 58 27 E5 D9 60 .?y.V.I.....X.....
00000200 D6 C8 A3 ED B1 EF 46 FF CA F5 7F AF E6 5A 62 13 .....F.....X.....Zb.
00000210 D4 83 4C 62 FE 02 1A 58 3E 18 98 DC F3 78 3C E1 .Ib.....X.....X.....Zb.
00000220 53 4E 15 8A 03 80 FE 91 E5 34 17 E9 31 92 76 A2 SN.....4.....l.v.
00000230 C7 CB 19 0E C3 5A 1F 22 52 8A 38 1E C5 38 5B 71 .....Z"R.8.....8lq
00000240 E4 DA B7 D6 85 C0 EB C4 5D 9A 79 05 15 3B 78 A4 .....J.y.....f.....x
00000250 A0 9C 8A 0D CD 24 DE 70 18 26 97 66 C6 AC 9C D7 .....$p.&f.....
00000260 31 73 71 1B 60 36 75 SF DA 2F 8E 4B BC DC D2 E2 1sq.....6u...../K.....
  
```

Brand:  Benz

Open Save Read Write Return

Bag name: Benz intelligent computer

Bag Info: Benz intelligent computer

CPU name: D70F3372

Picture: BDM+4 ExtBoard, D70F3372/3 Pin Diagram, Benz intelligent computer

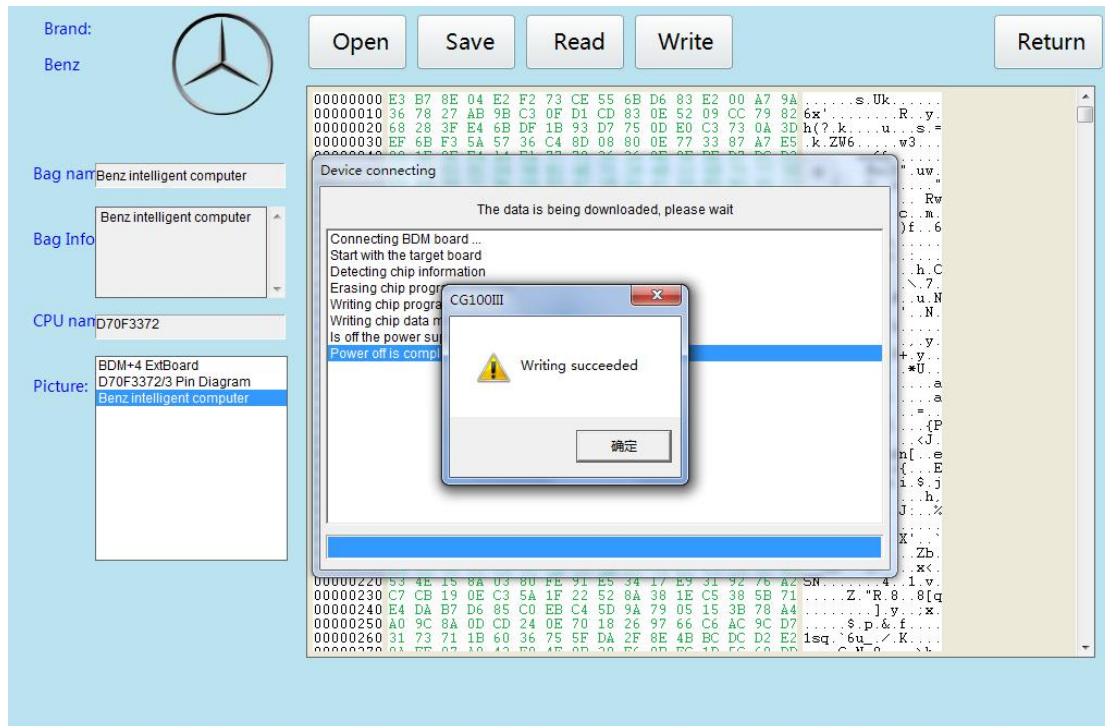
Device connecting

The data is being downloaded, please wait

Connecting BDM board ...  
Start with the target board  
Detecting chip information  
Erasing chip program memory  
Writing chip program memory

```

00000000 E3 B7 8E 04 E2 F2 73 CE 55 6B D6 83 E2 00 A7 9A .....s.Uk.....
00000010 36 78 27 AB 9B C3 0F D1 CD 83 0E 52 09 CC 79 82 6x.....R.y.
00000020 68 28 3F E4 6B DF 1B 93 D7 75 0D E0 C3 73 0A 3D h(?k.....u.s.=
00000030 EF 6B F3 5A 57 36 C4 8D 08 80 0E 77 33 87 A7 E5 .k.ZW6.....w3...
00000040 80 1F 9F F4 A4 FA 77 79 36 26 8E 9F BE D7 DC D2 .....wy6&.....
00000050 10 67 E2 DC D8 9B E1 4E 75 28 4B 22 0B 75 77 9E .g.....Nu(K"uw.
00000060 D3 A3 98 7C B6 CB F0 47 1B 86 41 08 FD B3 85 22 .....G.A.....
00000070 40 74 DE 7B 45 7A 0D DC BC 83 AE 9B B9 20 52 77 @t{Ez.....Rw
00000080 0A BC 11 C3 C9 DA EF C7 2D 9E 0E 63 A5 8F 6D F5 .....c.m.
00000090 28 9B CF 7D C6 5C F8 FF 84 99 1F 29 66 10 A1 36 (.)N.....)f.6
000000A0 CD 72 F3 12 03 B0 DA BF 15 75 DE F7 E1 F3 FC 13 .r.....
000000B0 6F E3 9B 2B 85 C7 C1 7F 75 73 87 15 3A CB CA A4 o.+.....us.....
000000C0 C3 CE 24 B1 8F D4 1A F8 7A 13 97 0D D7 68 9A 43 $.....z.....h.C
000000D0 BE 55 2B CD A7 46 93 23 38 18 CC A8 5C DB 37 89 U+.F.#8.....N.7
000000E0 95 D7 8D E8 93 CE 1B 3A 05 81 23 ED AF 75 AF 4E .....g.W.....u.N
000000F0 BD F7 67 AB 57 5E D6 B4 75 90 D8 27 F5 C8 4E AD .....8"IL.....h...
00000100 EB 96 16 FF 38 27 3B 4C 5E C6 68 DF 92 A3 A3 FD .....7.....y.
00000110 13 D3 37 0C BB 99 F2 FB D3 E4 91 DD 2C 18 79 D7 16 k.=.f.....+y.
00000120 6B 11 A8 3D A5 66 EA F8 2C EA 50 2B A8 79 DE 16 k.=.f.....+y.
00000130 69 F1 84 3A FB 7E 50 BD FB 1B E1 11 2A 55 1F D1 i.....P.....*U.
00000140 C0 52 29 EB 03 13 8F 04 17 F6 C2 18 18 7F C8 61 R).....J.....a
00000150 66 57 34 7B 40 95 56 C5 95 3D AF 0A 16 06 A7 61 fW4{.V.....=...a
00000160 90 61 83 51 79 B6 91 39 C9 F1 A5 EF 0B 3D C9 A8 .a.Qy.....9.....u.N
00000170 B3 0F 31 18 B2 67 6D DA 48 53 E2 11 19 B4 7B 50 .l.g.H.S.....(P
00000180 84 44 9C B7 3D D8 58 5F E7 E3 E3 F9 A8 3C 4A B1 .D..0.X.....<J
00000190 F7 21 61 59 78 7B FD C3 BC 63 64 6E 5B E6 02 65 .laYx{.....cdn[.e
000001A0 43 05 5E 65 4F 00 4C 3E 1C D5 63 7B 18 03 B1 45 C.eO.L.....c{...E
000001B0 DB 93 AE 85 BB 59 6F 49 9A 78 1C 69 03 24 A4 6A .....VoI.x.i.$;j
000001C0 76 AC AF A2 FF B7 D5 9D 0D CD 0D C0 82 1A 68 2C v.....i.....*U.
000001D0 07 6F FF E6 A2 8A 29 34 8A 97 F2 4A 3A F7 C9 25 v.....)4.....J.....%
000001E0 C4 3F 79 B9 68 84 5B 46 65 D6 C9 0F 0F 0A D5 2E .y.h.[Fe.....h...X
000001F0 22 BD 3B C2 56 95 95 4C 33 CA CE 58 27 E5 D9 60 .?y.V.I.....X.....
00000200 D6 C8 A3 ED B1 EF 46 FF CA F5 7F AF E6 5A 62 13 .....F.....X.....Zb.
00000210 D4 83 4C 62 FE 02 1A 58 3E 18 98 DC F3 78 3C E1 .Ib.....X.....X.....Zb.
00000220 53 4E 15 8A 03 80 FE 91 E5 34 17 E9 31 92 76 A2 SN.....4.....l.v.
00000230 C7 CB 19 0E C3 5A 1F 22 52 8A 38 1E C5 38 5B 71 .....Z"R.8.....8lq
00000240 E4 DA B7 D6 85 C0 EB C4 5D 9A 79 05 15 3B 78 A4 .....J.y.....f.....x
00000250 A0 9C 8A 0D CD 24 DE 70 18 26 97 66 C6 AC 9C D7 .....$p.&f.....
00000260 31 73 71 1B 60 36 75 SF DA 2F 8E 4B BC DC D2 E2 1sq.....6u...../K.....
  
```



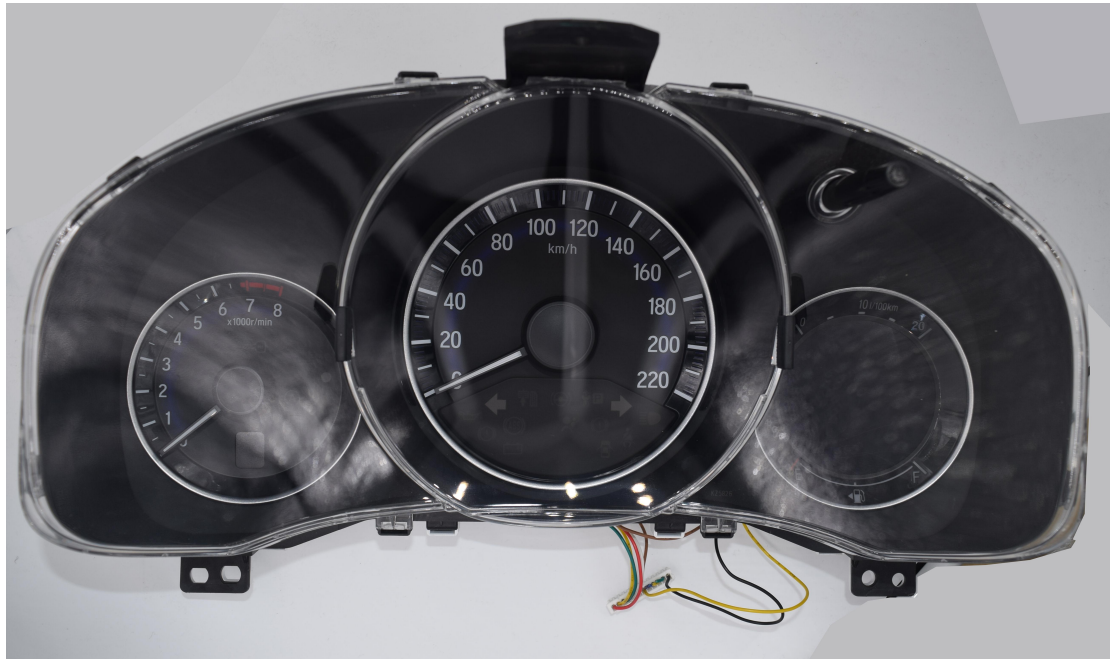
Writing succeeded, can load in the car and test.

**Note:**when devices working normally, cannot move swing, in case, data lost and chip short circuit to be burned

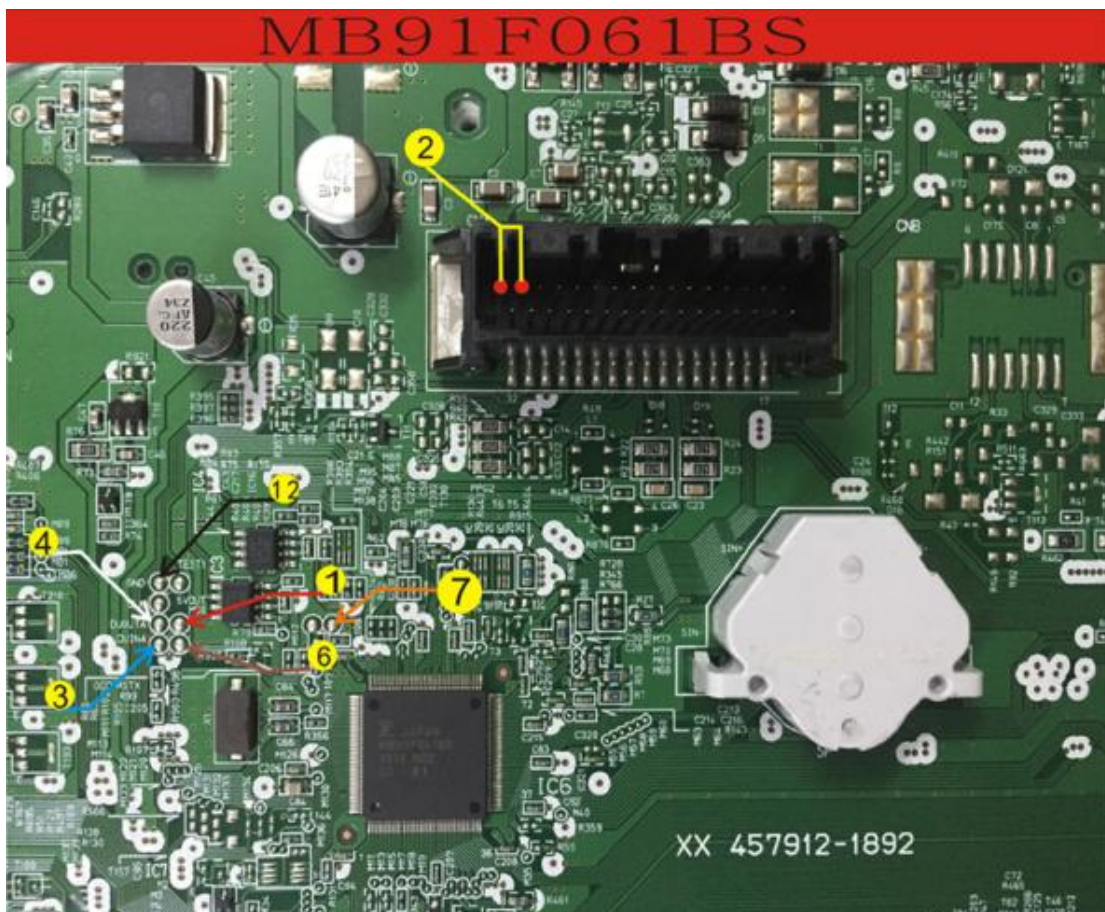
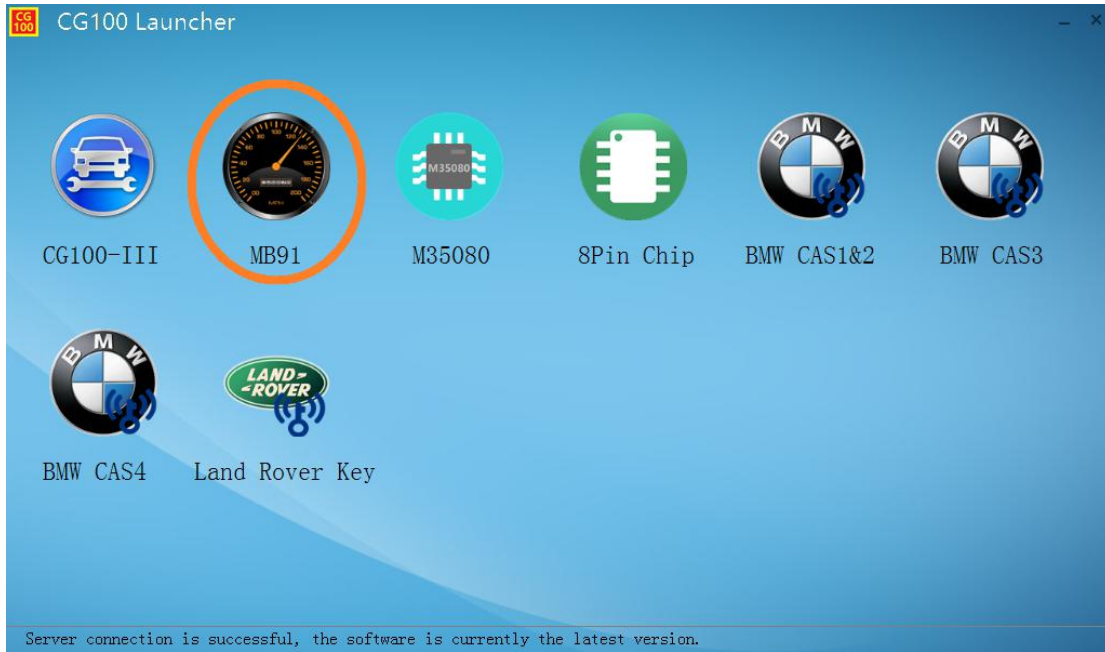
**Other** this function can read and write data, repair the device is not normal.

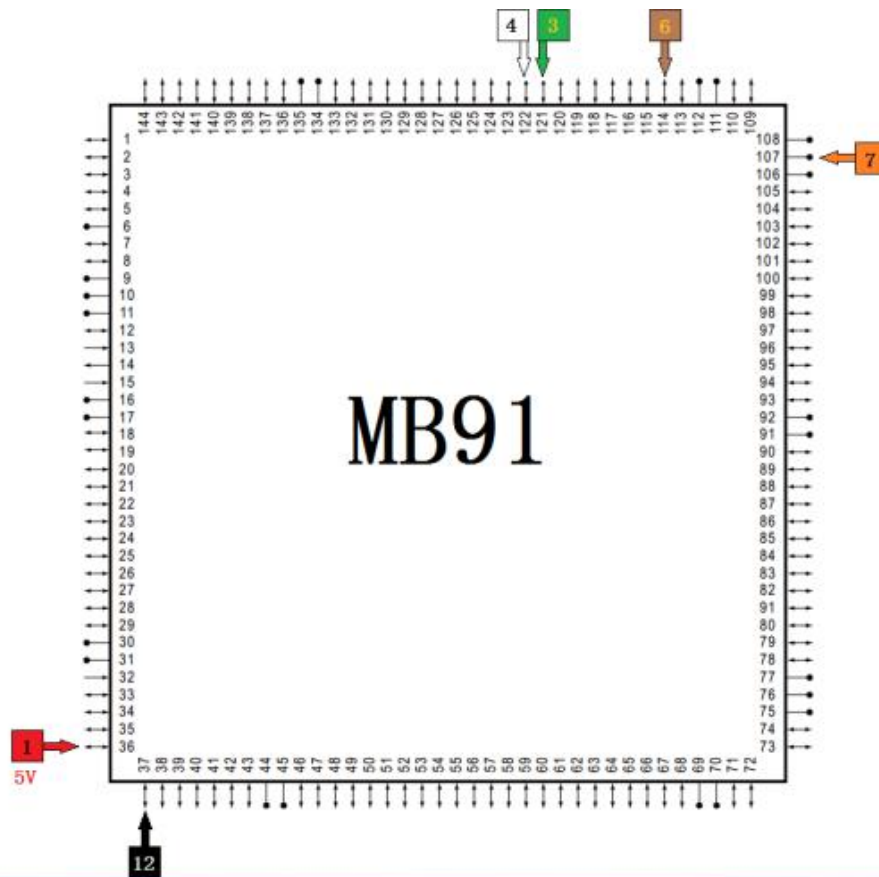
## 10.MB91 instrument

Example: Honda, Fit advanced MB91F061S



Entering the corresponding car model option and find the corresponding number,if dont have,pls consult manufacturer technology,if have, can be wired according to the software wiring diagram,if the physical and software provided by access, you can also follow the chip pin diagram of the meter wiring,pls pay attention to the number of pins to be consistent.





After connecting line, check carefully, only confirmed can be connected power to operate.

CG100-MB91F061S serial number: 7F7C660431313438 Standard Edition Soft Ver: 3.95E

HONDA

- Fit High (MB91F061S)
- Fit Low (MB91F061S)
- VEZEL (MB91F061S)
- Honda XR-V (MB91F061S)
- Honda GREIZ (MB91F061S)

Hyundai

- JiaLe(2016) (MB91F061S)
- XDSNT9 (MB91F062BS)
- XDSNT9\_V2 (MB91F061S)

KIA

- 2016 K5 (MB91F067B)
- 2016 K3 (MB91F063S)

Info

KM:  KM

(50 km deviation)

Read

Write

Memory

Read EE

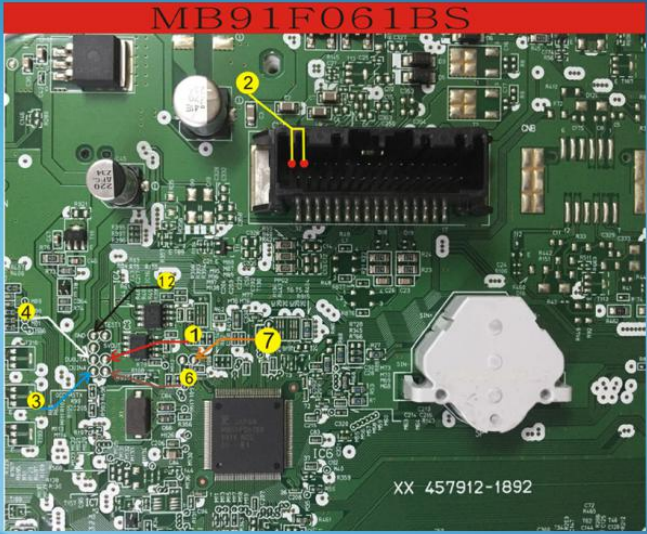
Write EE

Dashboard Test

Turn on

Turn off

Photo 1 Photo 2 Photo 3



CG100-MB91F061S serial number: 7F7C660431313438 Standard Edition Soft Ver: 3.95E

HONDA

- Fit High (MB91F061S)
- Fit Low (MB91F061S)
- VEZEL (MB91F061S)
- Honda XR-V (MB91F061S)
- Honda GREIZ (MB91F061S)

Hyundai

- JiaLe(2016) (MB91F061S)
- XDSNT9 (MB91F062BS)
- XDSNT9\_V2 (MB91F061S)

KIA

- 2016 K5 (MB91F067B)
- 2016 K3 (MB91F063S)

Info

KM:  KM

(50 km deviation)

Read

Write

Memory

Read EE

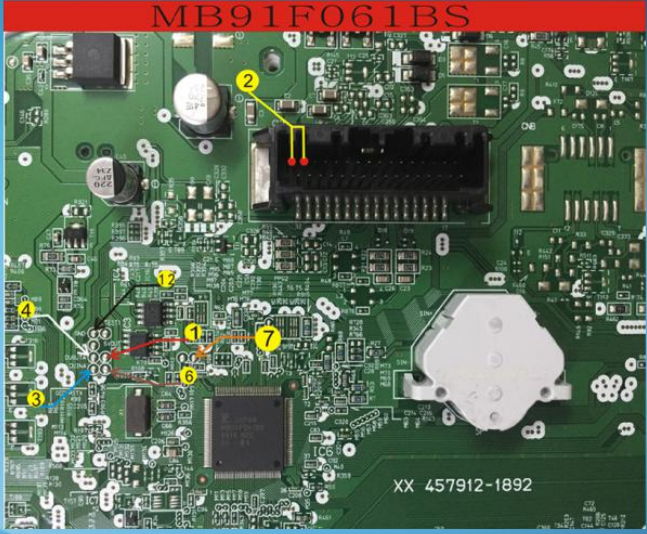
Write EE

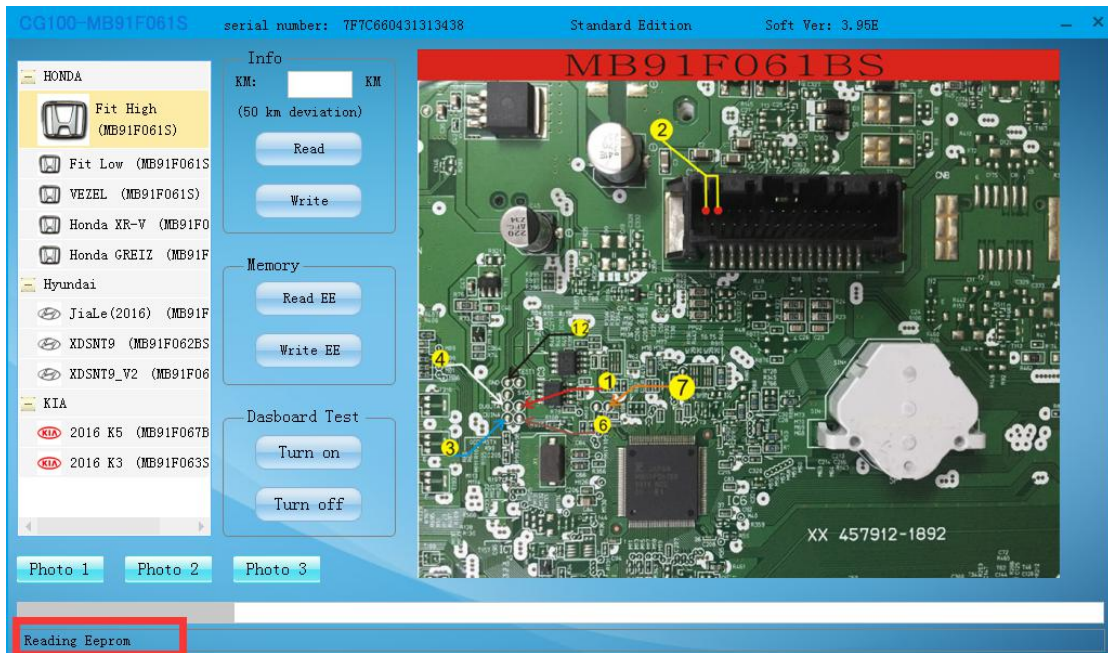
Dashboard Test

Turn on

Turn off

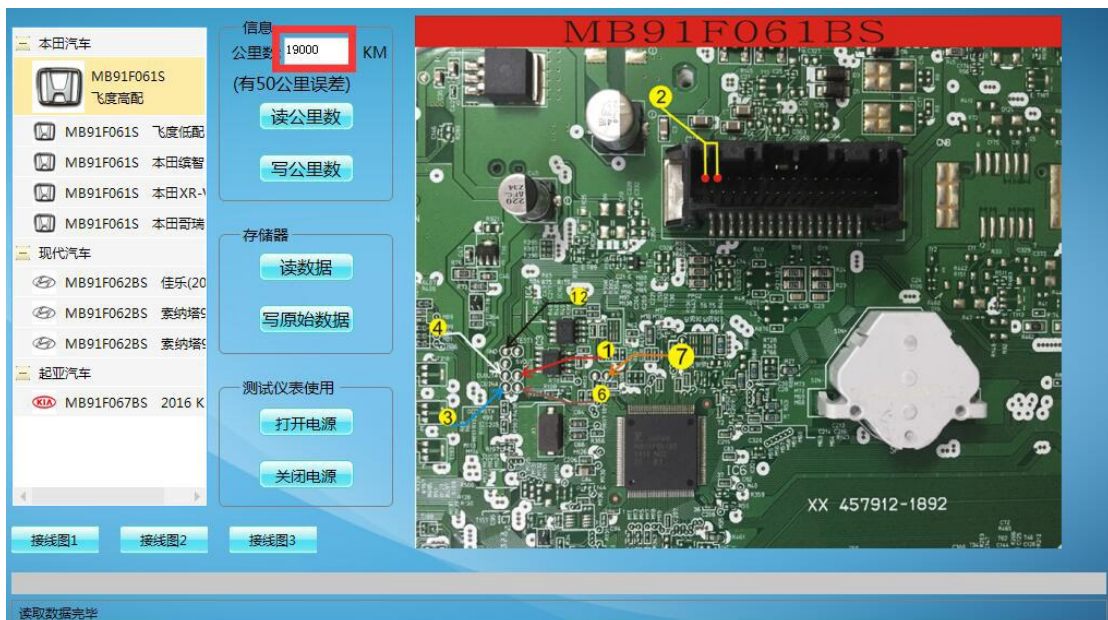
Photo 1 Photo 2 Photo 3





Reading succeed, save original data.

The software can analyze automatically the mileage data , if analysis right , can adjust directly ; if not correct,pls contact technology of manufacturer firstly 。



If Analysis correct, to put the mileage what u want to adjust, click“write mileage data”。



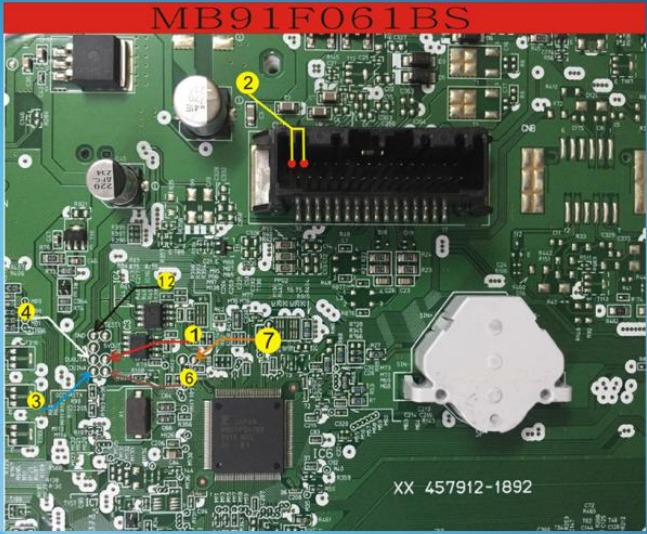
CG100-MB91F061S serial number: 7F7C660431313438 Standard Edition Soft Ver: 3.95E

Info  
KM: 22222 KM  
(50 km deviation)  
Read  
Write

Memory  
Read EE  
Write EE

Dashboard Test  
Turn on  
Turn off

Photo 1 Photo 2 Photo 3



MB91F061BS  
XX 457912-1892

Finish reading data

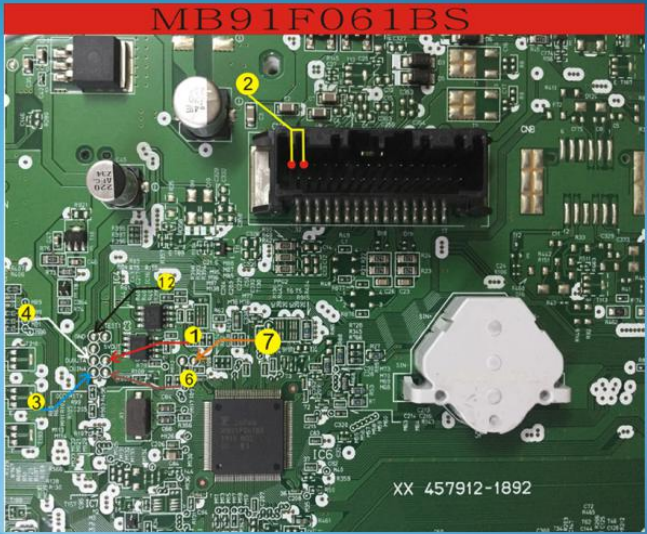
CG100-MB91F061S serial number: 7F7C660431313438 Standard Edition Soft Ver: 3.95E

Info  
KM: 22222 KM  
(50 km deviation)  
Read  
Write

Memory  
Read EE  
Write EE

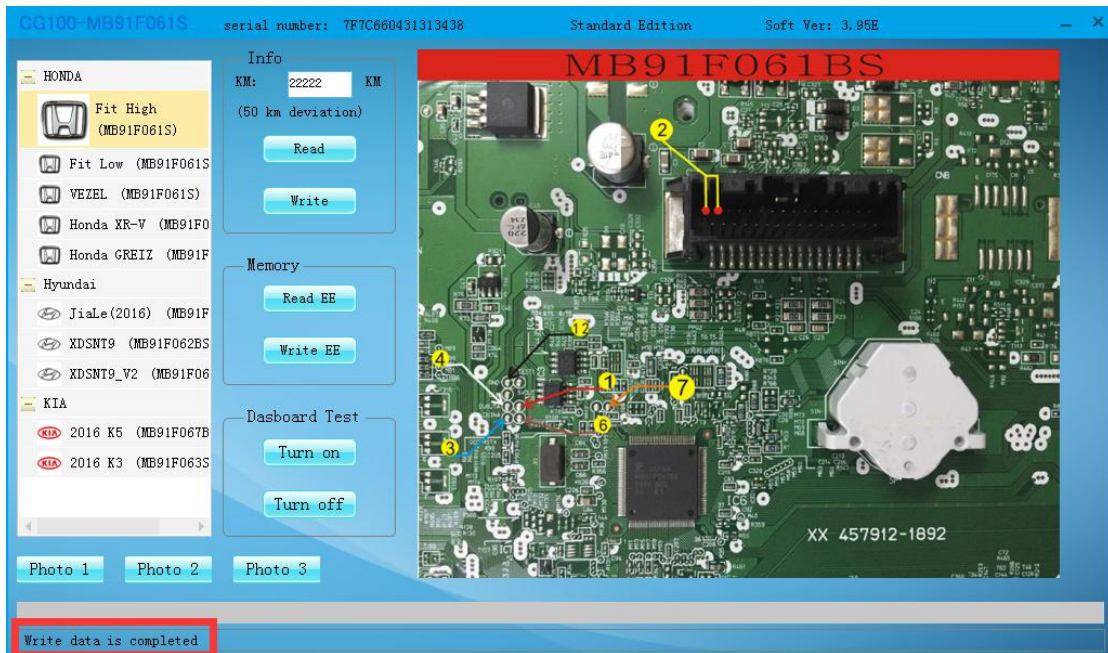
Dashboard Test  
Turn on  
Turn off

Photo 1 Photo 2 Photo 3

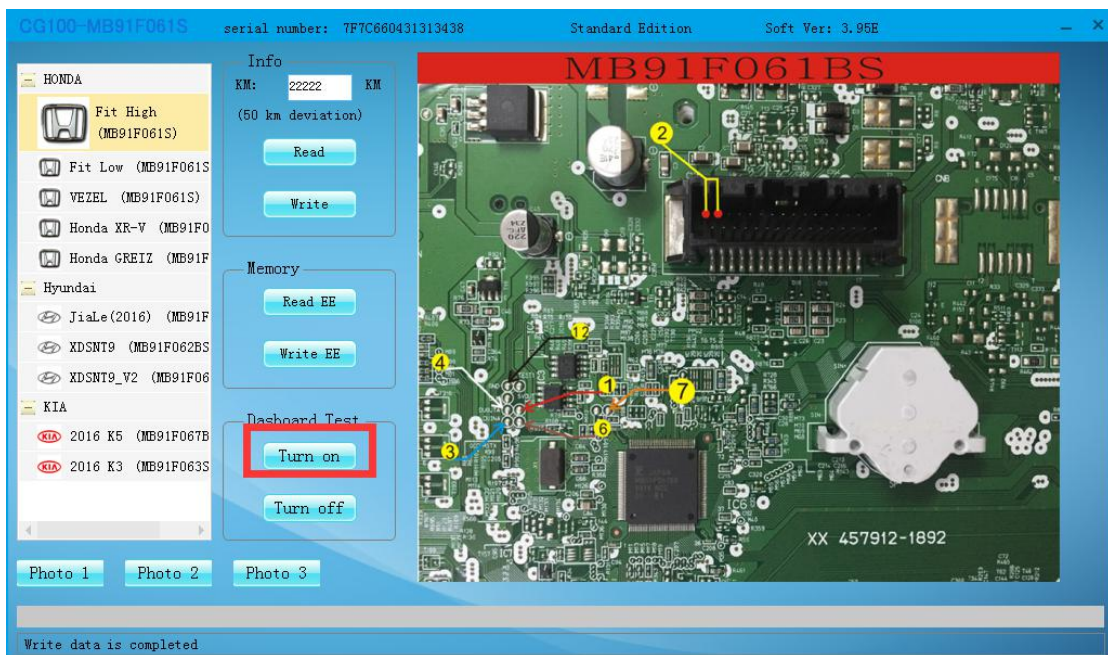


MB91F061BS  
XX 457912-1892

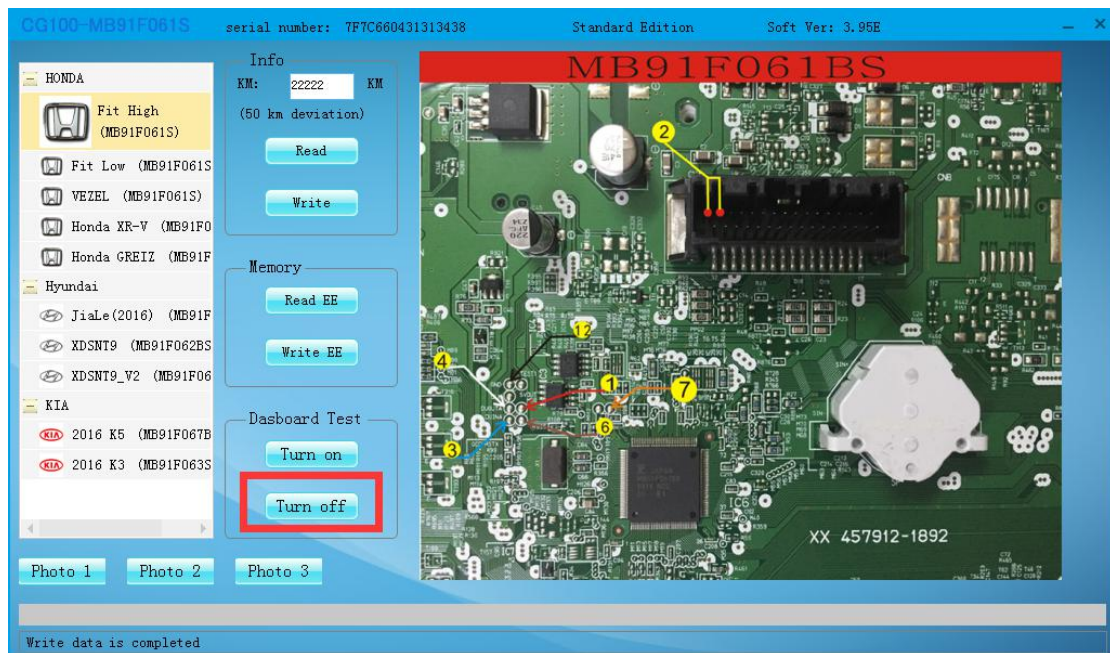
Reading Eeprom



Mileage data finished writing, software provide instruments testing function, click“turn on power”, check if correct or not.



If right, click“close power”, Rehabilitation instrument.  
Load into car to test.



**Note:** when devices working normally, pls dont move randomly to connect line , in case,data lose and chip short circuit to be burned. The model type much more,The algorithm will be more wide-wild,pls be waiting for with attention.

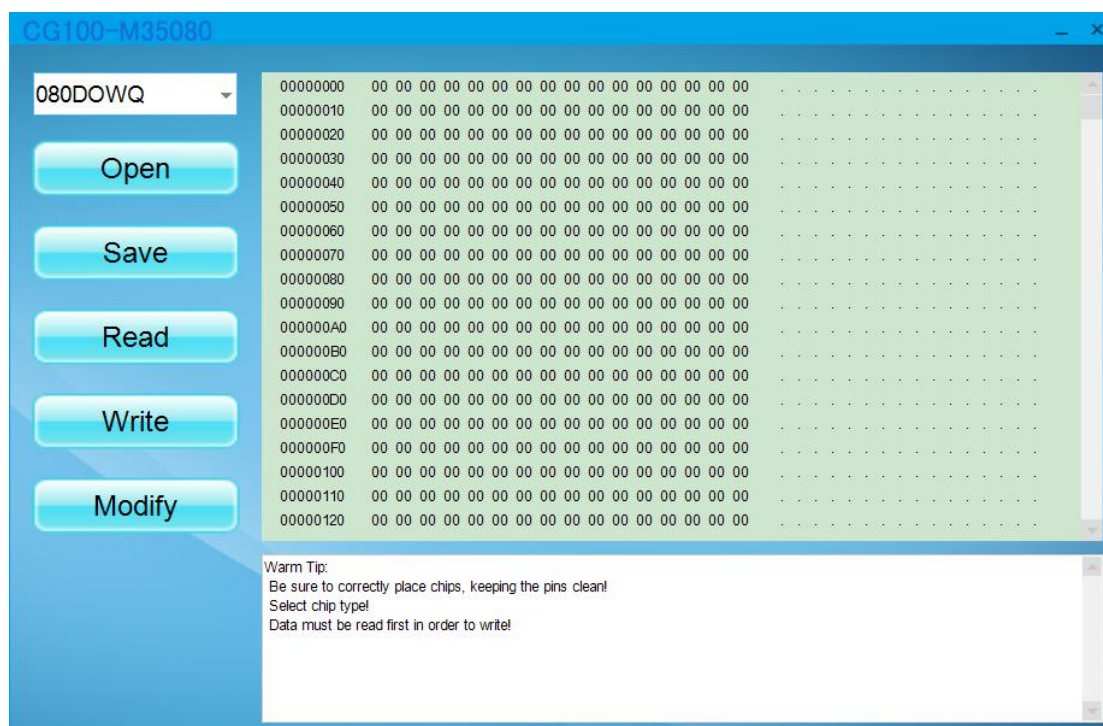
## 11.M35080





Enter the corresponding car model option to find the corresponding number , if dont have ,pls contact with manufacturer; if have, can remove chip directly and put into ATMEGA adapter

Equipped with anise chip on the seat to read and write.



put chips well,select model type,click”read and write”,then save original data .

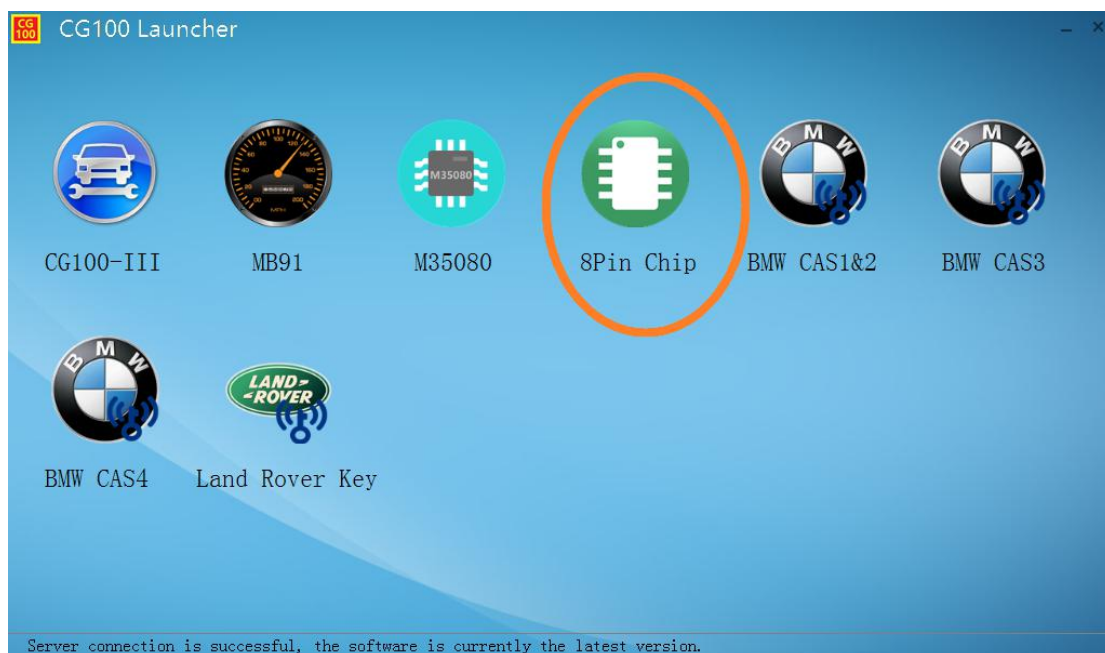
Reference car model select algorithm to modified mileage after saved,if right,then can repair directly,If not, pls kindly contact technical support from manufacturer on time.

Mileage repair finished,can load in the car to test.

**Note: when devices working normally , cannot move swing , in case ,data lost and chip short circuit to be burned.**

**M35080 series chips , must clear completely pin,otherwise, data cannot be write into.**

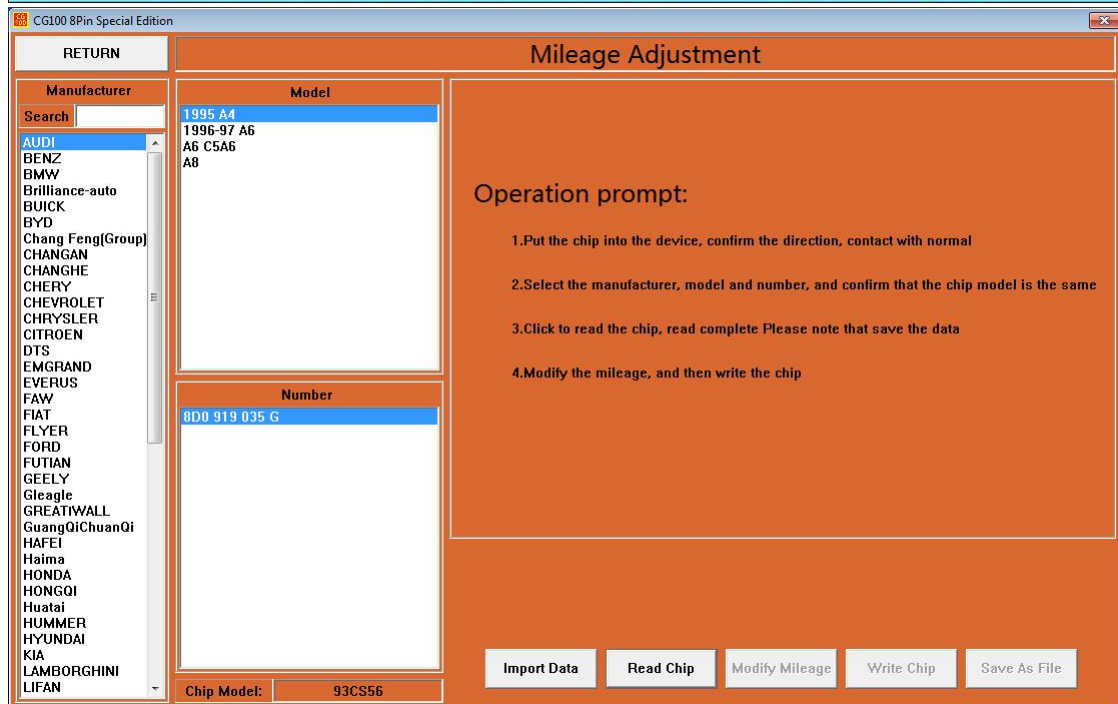
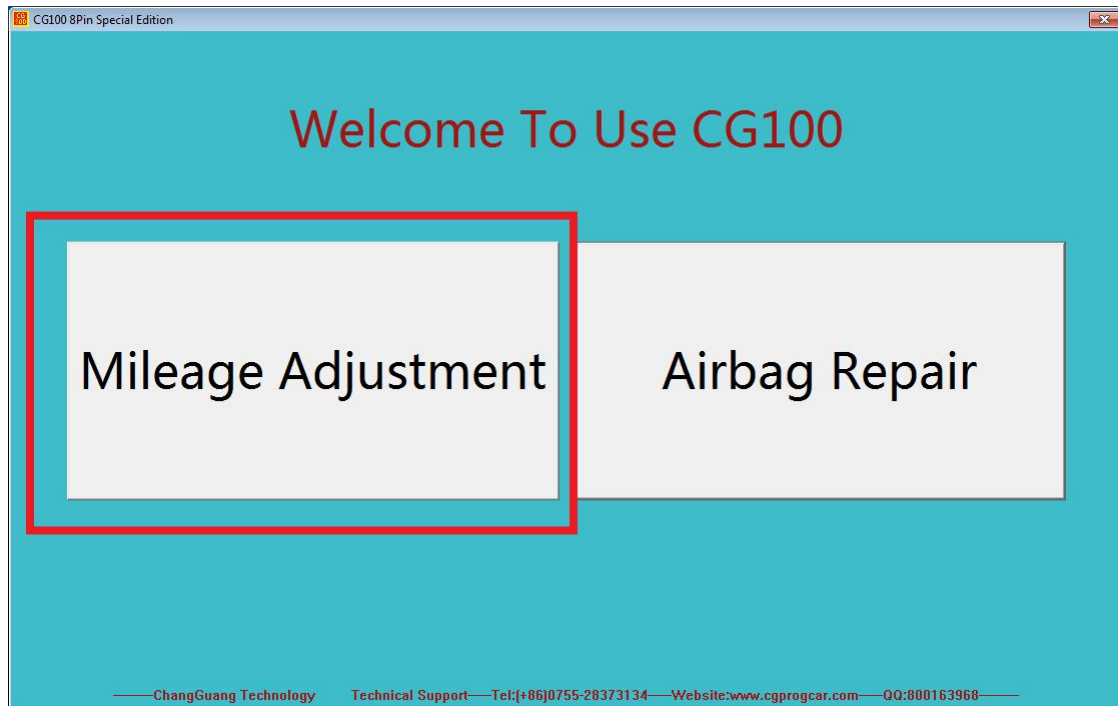
## 12.Anise chip



### a) Mileage adjust



Can enter into corresponding car model select to find corresponding series number, If don't have ,pls contact technical support from manufacturer; If have, can remove chip directly to put into ATMEGA adapter Anise chips on the seat ,then reading and witting .



Enter into corresponding card model select , link”read and write”。

Read succuessfully,save original data first.

Software can analysis mileage data after Saved,If right,

can repair directly; if wrong,pls kindly contact technical support from manufacturer.

If analy right,click“modified mileage”, put into mileage that u want to adjust,click“write into chip”。

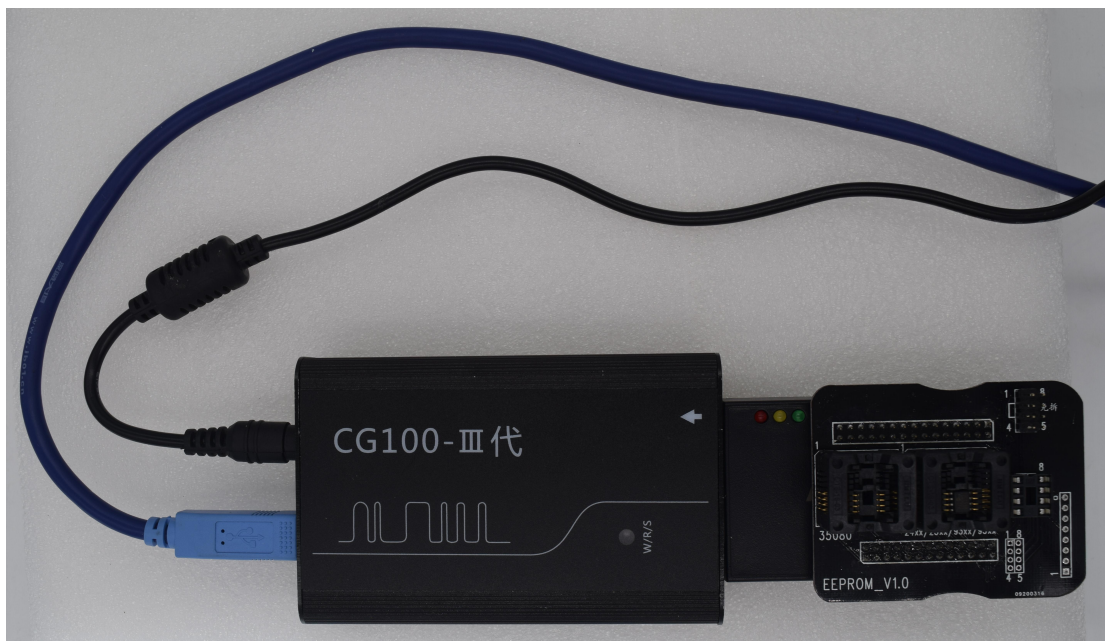
Software can analysis mileage data after Saved,If right, can repair directly; if wrong,pls kindly contact technical support from manufacturer.

Adjust the success of chips can be welded back , 可 loading verification.

## Airbag repair



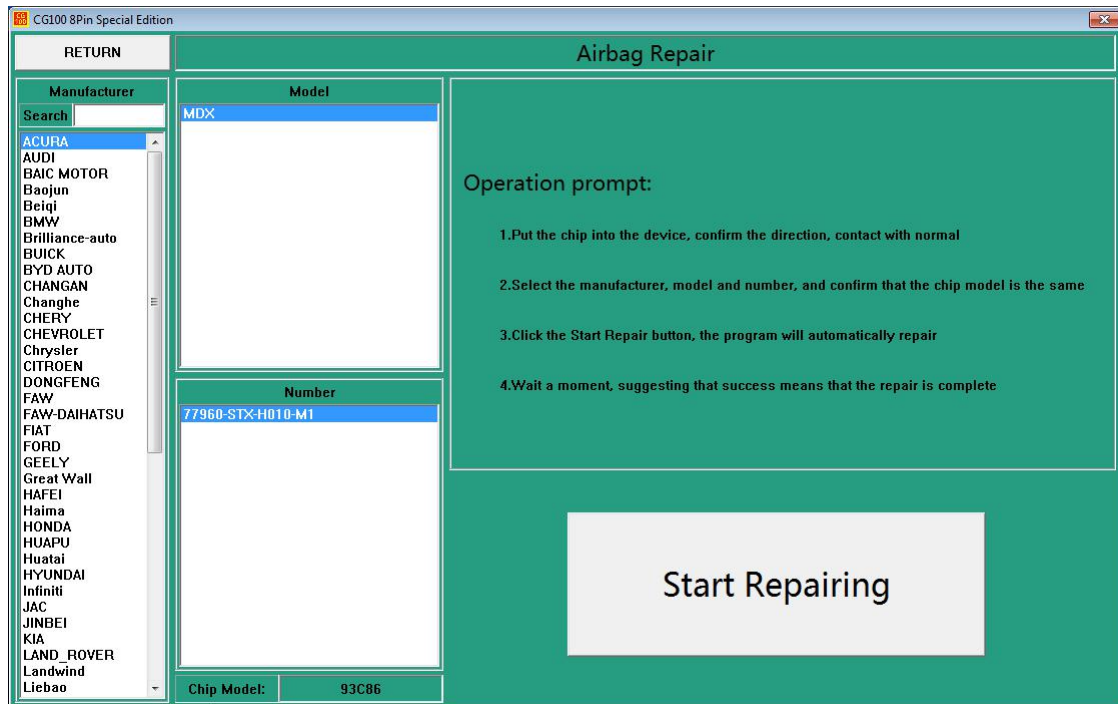




Enter the relative model options and find the corresponding number , if dont have , can consult technology of manufacturer :if have , can remove chip directly and put into anise chips of ATMEGA adapter, then ,can read and write。



After entering the corresponding model, click "reading".



Read successful, pls save original car data.

Save succeed, software showed two way of repairing, its ok which ever u select.

select "data covered"

Airbag repair succeed, can load in the car and test.

**Note:when devices working normally , cannt move swing, in case ,data lost and chip short circuit to be burned.**

**If software cannt be adjust or repaired, can contact manufacturer**

# Be attention

If your software is old version, you need to completely clear and unload the old one and turn off all related anti-virus software, before install the new one. Otherwise it will install failed.

Software models must correspond to BDM adapter type, "CG100-III" and "MB91F061S" "MB91table" "M35080" "Anise-chip" "BMW CAS1&CAS2" "BMW CAS3" "BMW CAS4" and "Land rover key" The few interface can't be used at the same time, it will influence each other, pls be more attention.

In software, the best function is "universal programmer", including all Model of chip and The chipping figure, if you find that the equipment without wiring diagram, you can direct find the corresponding model to operate in the "universal programmer"

Our software free update which provide to our all customers. let you use stably. Our company try our best to serve for our customer, promising the customer to use in full longtime, it very appreciated to receive ur feedback when you have any question in using, we could test and improve our devices asap.