



CAS 3+

Copy key without key

CGDI

Using CG - 100

Confirm engine model

Read engine computer data (EEPROM)

Note: CG-100 full-featured support



9S12Das



AtmelDas



AirBag



ECU



BCM



UniProg



AMP

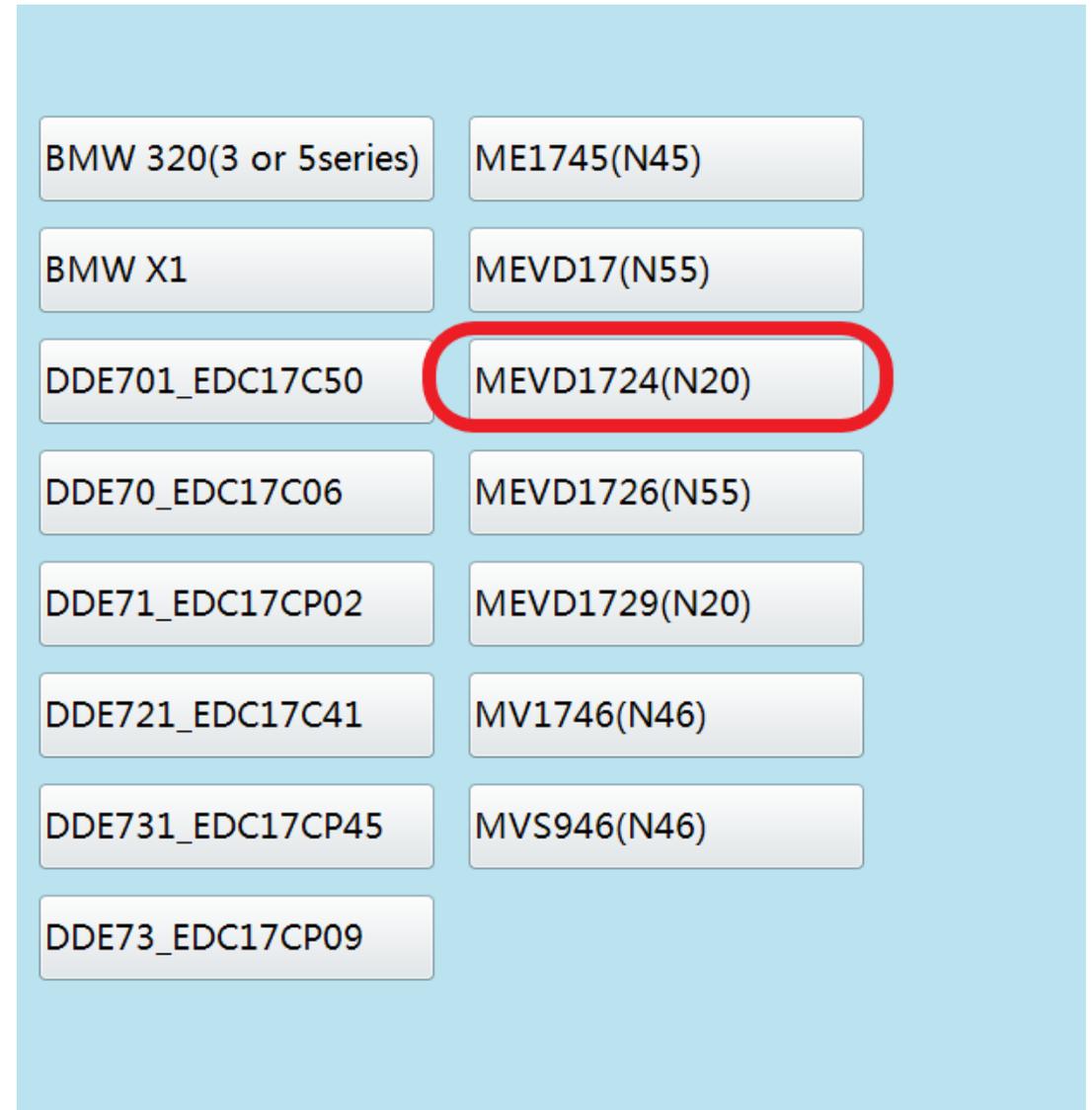
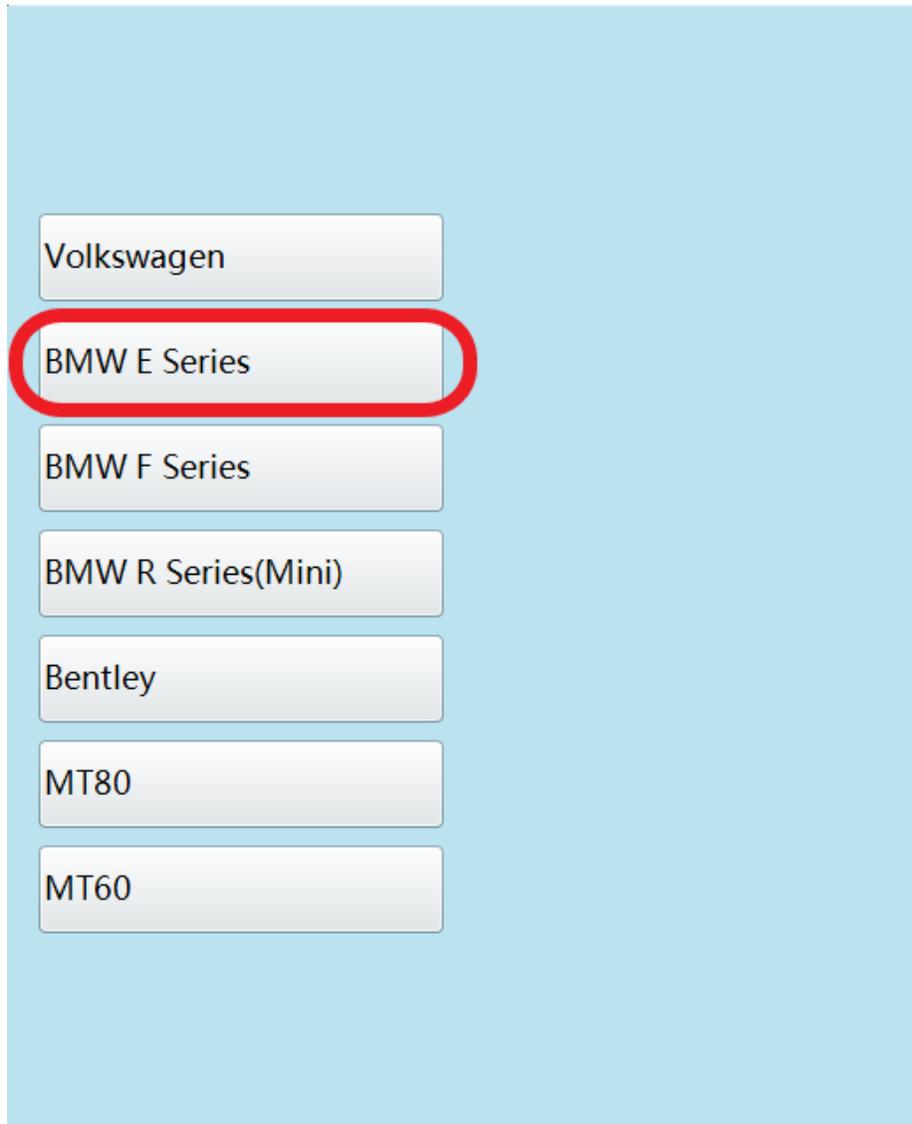


Setting



Other functions

Click to enter "ECU"



Click on the engine model option to enter the current vehicle

ISN:

VIN:

Please use the new adapter

Fullscreen

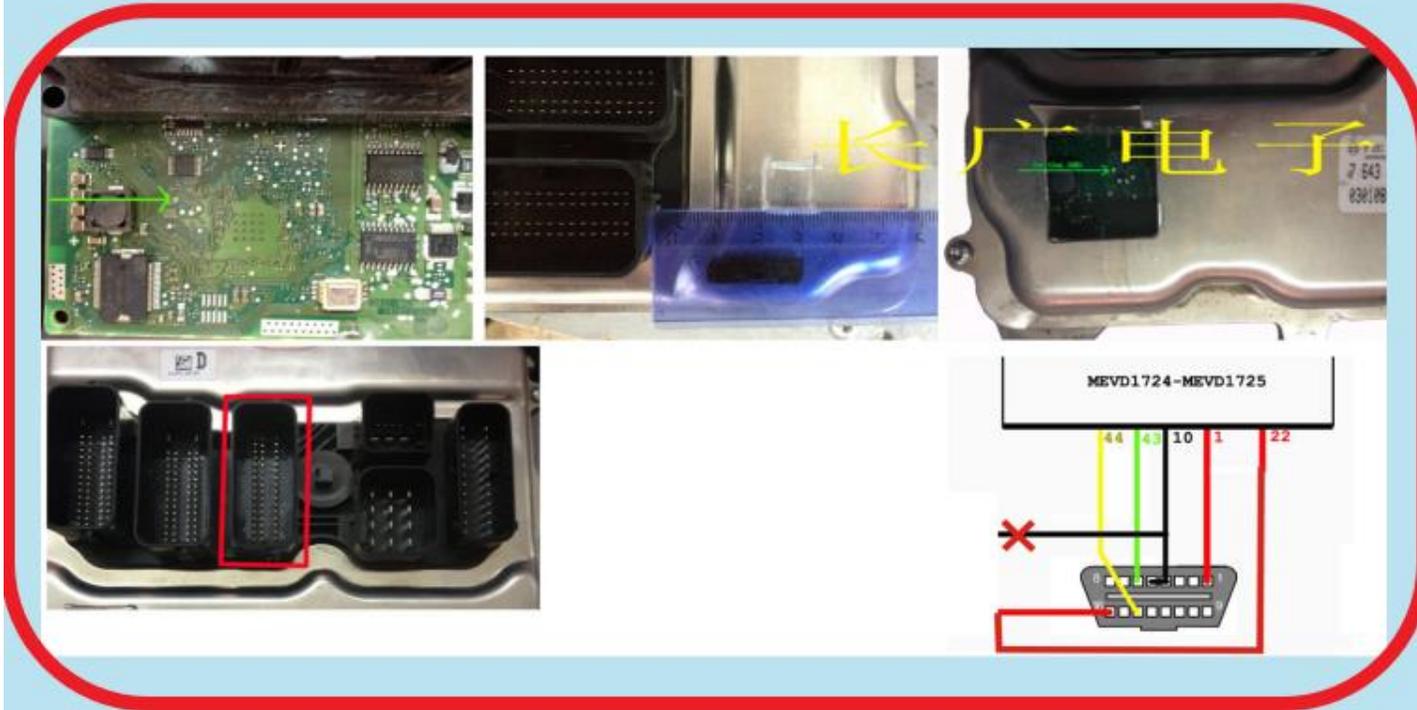
Return

Read EEPROM

Write EEPROM

Read FLASH

Write FLASH

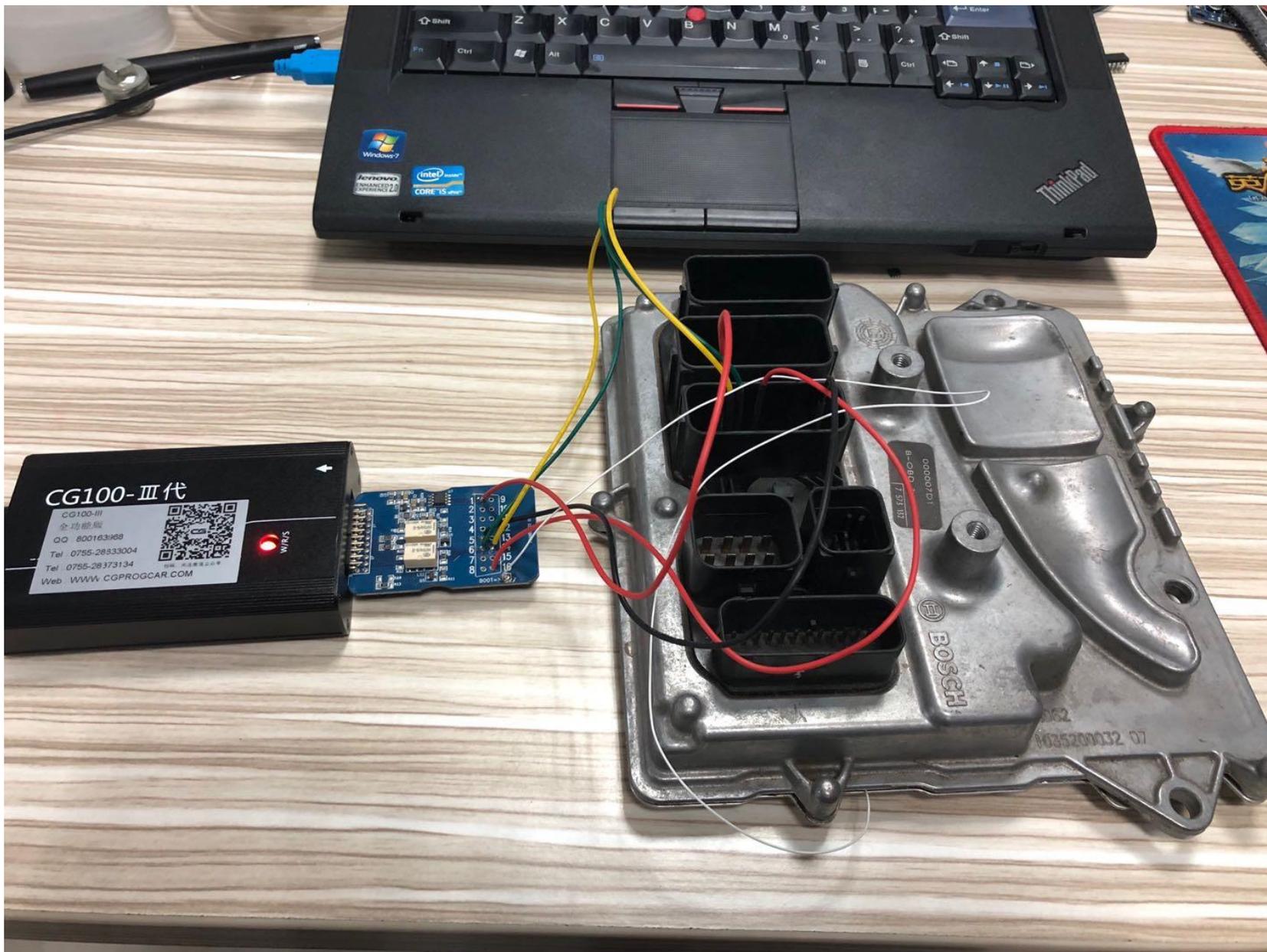


Picture:

CAN Diagram

Wiring Diagram 1

According to the software physical wiring diagram wiring



Engine module wiring

ISN:

VIN:

Please use the new adapter

Fullscreen

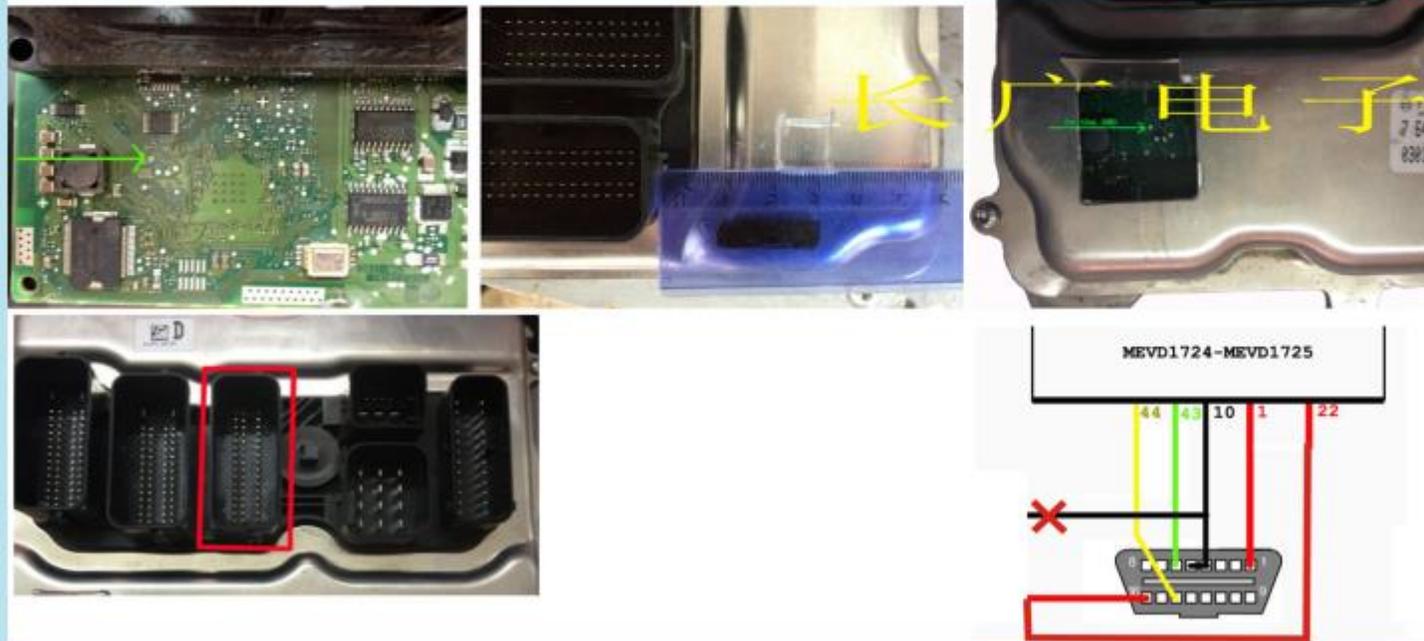
Return

Read EEPROM

Write EEPROM

Read FLASH

Write FLASH



Picture:

CAN Diagram

Wiring Diagram 1

Click read EEPROM

ISN:

VIN:

Please use the new adapter

Fullscreen

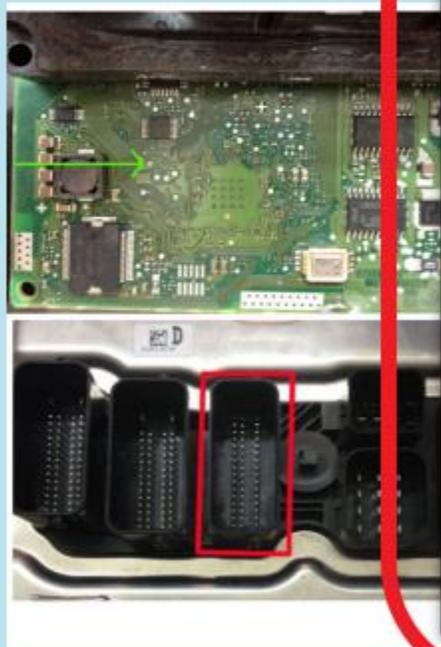
Return

Read EEPROM

Write EEPROM

Read FLASH

Write FLASH



Device connecting

Reading data, please wait

Start initialize access data memory
Checking the status of the Flash
Reading chip data memory
Reading chip program memory
Is off the power supply
Power off is completed, t

CG100III

Reading succeeded

确定

Picture:

CAN Diagram

Wiring Diagram 1

Read successfully and save the data

ISN: 8E76BEDF12DEC25BE3A47A4AEFE254C6

VIN: SCBFN63W1EC094039

Please use the new adapter

Fullscreen

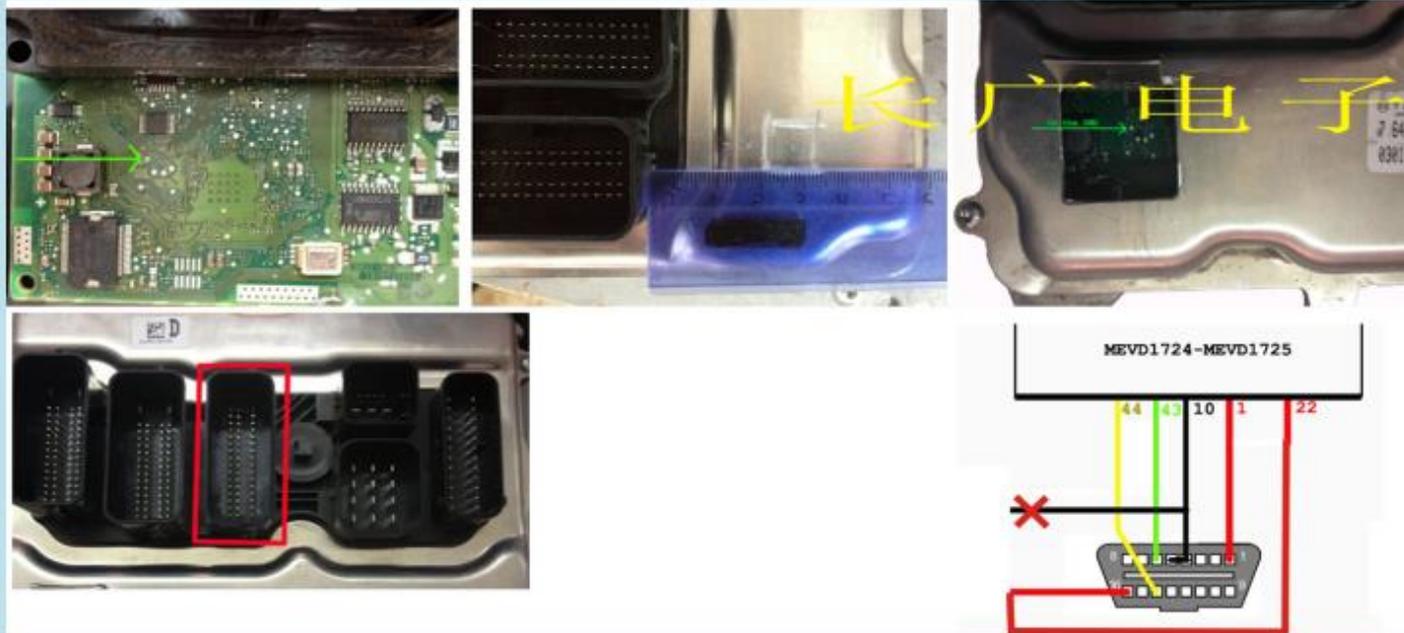
Return

Read EEPROM

Write EEPROM

Read FLASH

Write FLASH



Picture:

CAN Diagram

Wiring Diagram 1

Show ISN and VIN



BMW OBD Key Match



CAS3 Key Match



BMW ISN



FEM/BDC Key Match



CAS4 Key Match



BMW Enable/Disable key



BMW F Series Program



BMW F Series Coding



EGS ISN

OBD connected vehicle, Click on the "BMW OBD KEY MATCH"

VIN:

CAS Version Number:

CAS Version:

Tooth code:

Remote frequency:

key inside ignition:

Read Key Info

Key NO.	Key Info	Remote Info						
	Key ID	Password	Cfg Page	Key Type	Status	Remote ID	Remote Password	Syn code
<input type="radio"/> Key1								
<input type="radio"/> Key2								
<input type="radio"/> Key3								
<input type="radio"/> Key4								
<input type="radio"/> Key5								
<input type="radio"/> Key6								
<input type="radio"/> Key7								
<input type="radio"/> Key8								
<input type="radio"/> Key9								
<input type="radio"/> Key10								

Generate dealer key

Syn DME

Syn ELV

Restore key bit

Unlock Key

Enable Key

Disable Key

Load Key Data



Click read key info

VIN: WBAFG2101E0G88212

CAS Version Number: 9287534

CAS Version: CAS3+ ISTAP

Tooth code: HA00030585

Remote frequency: 315

key inside ignition: None

Read Key Info

Key NO.	Key Info					Remote Info		
	Key ID	Password	Cfg Page	Key Type	Status	Remote ID	Remote Password	Syn code
<input type="radio"/> Key1								
<input type="radio"/> Key2								
<input type="radio"/> Key3								
<input type="radio"/> Key4								
<input type="radio"/> Key5								
<input type="radio"/> Key6								
<input type="radio"/> Key7								
<input type="radio"/> Key8								
<input type="radio"/> Key9								
<input type="radio"/> Key10								

Generate dealer key

Syn DME

Syn ELV

Restore key bit

Unlock Key

Enable Key

Disable Key

Load Key Data

Prompt

 Pls pop up the key from the ignition.

确定

Safety certification through
Reading data
Security authentication is in progress
Safety certification through
The data was read successfully
Reading data
The data was read successfully



Read Data

Pls pop up the key from the ignition,the data was read successfully

另存为

CAS3 4-29

搜索 CAS3 4-29

组织 新建文件夹

名称	修改日期	类型	大小
0L15Y(512K)-0630(33)FLA	2018/4/29 10:34	BIN 文件	512 KB
0L15Y(512K)-0630(34)EEP(0G88212_B...	2018/4/29 10:34	BIN 文件	4 KB
3 5	2018/4/29 10:07	BIN 文件	128 KB
3.5	2018/4/29 10:17	BIN 文件	128 KB
2018-4-29-9-12-1 9237046 BackEEPR...	2018/4/29 9:13	BIN 文件	10 KB
2018-4-29-9-48-11 9237046 BackEEP...	2018/4/29 9:51	BIN 文件	10 KB
DME-TC1797	2018/4/29 10:34	BIN 文件	64 KB
N20 EE	2018/4/29 9:37	BIN 文件	64 KB

文件名(N): 2018-4-29-11-29-11 9287534 BackEEPROM

保存类型(T): BIN (*.bin)

保存(S) 取消

Version: CAS3+ ISTAP

Ignition: None

Read Key Info

Generate dealer key

Syn DME

Syn ELV

Restore key bit

Unlock Key

Enable Key

Disable Key

Load Key Data

Upload file

Key	Hex	Hex	Hex
Key10	FFFFFFFF	51AFBCA68788	C8B3E6A9
	Unuse	Enable	151F
			715E3D066F81
			5037FD99

989156F D79F86CE

01A9BCB 93336D72

B4DD4A5 96145A76

D020EA2 1FA6A664

AFBBA8F 588E532F

185ED05 47385F2E

47083F2 C6A97185

BA2BCAA 1CDA1F64

6D3994E 97C4D27A

```

The data was read successfully
Reading data
The data was read successfully
Security authentication is in progress
Safety certification through
Reading key Information
Read key information success
  
```



Save the file

VIN: WBAFG2101E0G88212 CAS Version Number: 9287534 CAS Version: CAS+ ISTAP

Tooth code: HA00030585 Remote frequency: 315 key inside ignition: None

Read Key Info

Key NO.	Key Info	Remote Info
	Key ID Password Cfg Page Key Type Status	Remote ID Remote Password Syn code
<input type="radio"/> Key1	B021499A 1DB44718BF6C C858FA7B Remote Key Enable	E1B6 0769A989156F D79F86CE
<input type="radio"/> Key2	F13A499A 3B996DE6D368 C8B3BC90 Remote Key Enable	399D 160D7C1A9BCB 93336D72
<input type="radio"/> Key3	230A0697 F386C9C3C8B0 C88C DFA6 Remote Key Enable	4714 071C8B4DD4A5 96145A76
<input type="radio"/> Key4	FFFFFFFF 24FEA66EE0DF C83A4883 Unuse Enable	95FB D9F06D020EA2 1FA6A664
<input type="radio"/> Key5	FFFFFFFF 8D17A7BC3A6F C8C6A955 Unuse Enable	E0ED BAE9DAFBBA8F 588E532F
<input type="radio"/> Key6	FFFFFFFF EFA7405B692D C844403C Unuse Enable	D75A 40421185ED05 47385F2E
<input type="radio"/> Key7	FFFFFFFF 57CBC74F479A C87EAE6D Unuse Enable	EDCE F865C47083F2 C6A97185
<input type="radio"/> Key8	FFFFFFFF 0136C50671D2 C8B8EE8D Unuse Enable	7F75 62563BA2BCAA 1CDA1F64
<input type="radio"/> Key9	FFFFFFFF C669BDBEC853 C80BE19B Unuse Enable	64FE 9716D6D3994E 97C4D27A
<input type="radio"/> Key10	FFFFFFFF 51AFBCA68788 C8B3E6A9 Unuse Enable	151F 715E3D066F81 5037FD99

Generate dealer key

Syn DME

Syn ELV

Restore key bit

Unlock Key

Enable Key

Disable Key

Load Key Data

The data was read successfully
 Reading data
 The data was read successfully
 Security authentication is in progress
 Safety certification through
 Reading key Information
 Read key information success



Upload file

Select the key to match and click to generate the dealer key

VIN: WBAFG2101E0G88212

CAS Version Number: 9287534

CAS Version: CAS3+ ISTAP

Tooth code: HA00030585

Remote frequency: 315

key inside ignition: None

Read Key Info

Generate dealer key

Syn DME

Syn ELV

Restore key bit

Unlock Key

Enable Key

Disable Key

Load Key Data

Key NO.	Key Info	Remote Info
	Key ID Password Cfg Page Key Type Status	Remote ID Remote Password Syn code
<input type="radio"/> Key1	B021499A 1DB44718BF6C C858FA7B Remote Key Enable	E1B6 0769A989156F D79F86CE
<input type="radio"/> Key2	F13A499A 3B996DE6D368 C8B3BC90 Remote Key Enable	399D 160D7C1A9BCB 93336D72
<input type="radio"/> Key3	230A0697 F386C9C3C	96145A76
<input type="radio"/> Key4	FFFFFFFF 24FEA66EE	1FA6A664
<input type="radio"/> Key5	FFFFFFFF 8D17A7BC3	588E532F
<input type="radio"/> Key6	FFFFFFFF EFA7405B6	47385F2E
<input checked="" type="radio"/> Key7	FFFFFFFF 57CBC74F4	C6A97185
<input type="radio"/> Key8	FFFFFFFF 0136C5067	1CDA1F64
<input type="radio"/> Key9	FFFFFFFF C669BDBEC	97C4D27A
<input type="radio"/> Key10	FFFFFFFF 51AFBCA68	5037FD99

BMW CAS OBd Key Macth

CAS3 encryption version matching key need to enter the engine ISN, please choose to obtain ISN code

- put the key into the CGDI programmer coil
- have engine data, the next step will load the engine data
- Manually enter a known ISN

- Try to take and insert the key 16 or 64 times

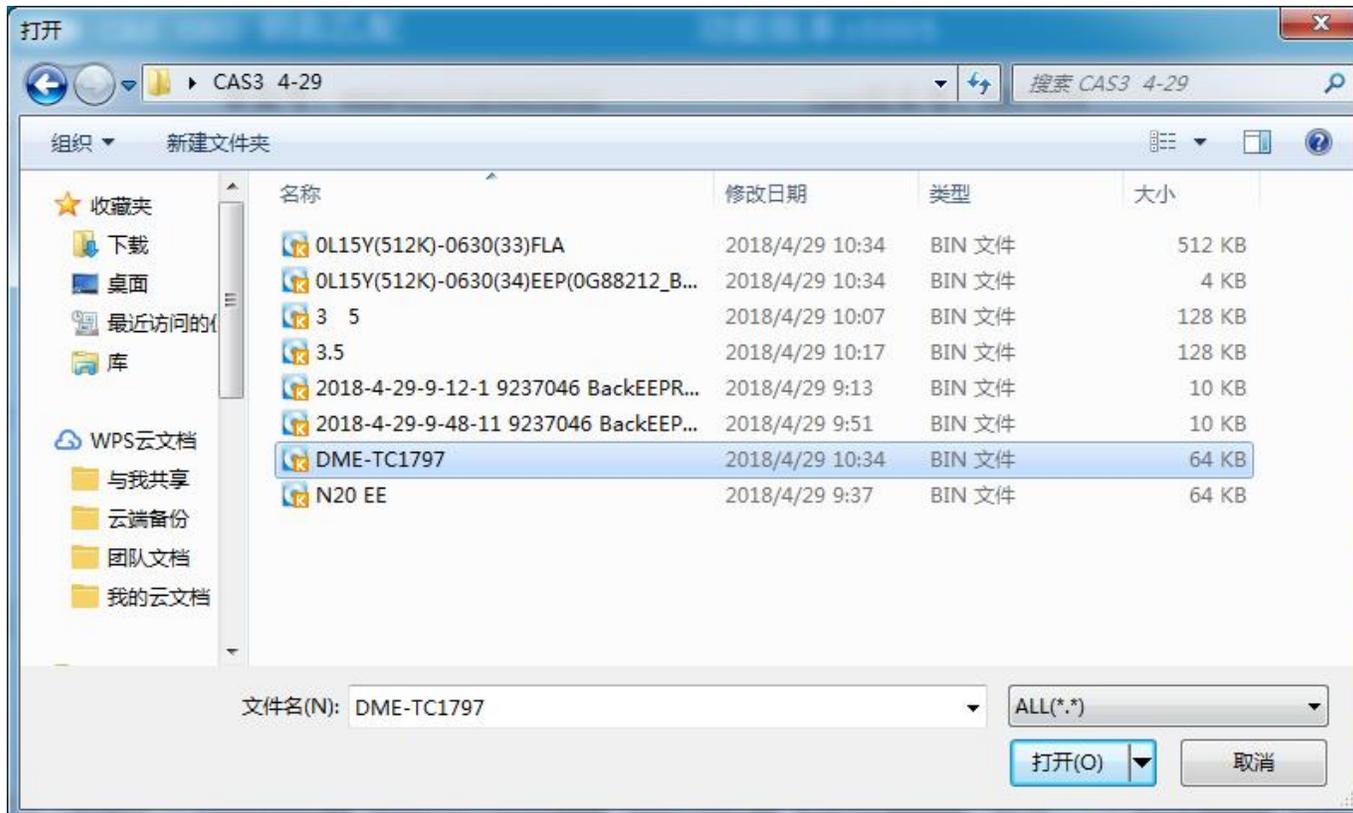
Next

The data was read successfully
 Reading data
 The data was read successfully
 Security authentication is in progress
 Safety certification through
 Reading key Information
 Read key information success



Upload file

Select the engine data, next load the engine data



Open the engine computer data that was read before

VIN: WBAFG2101E0G88212

CAS Version Number: 9287534

CAS Version: CAS3+ ISTAP

Tooth code: HA00030585

Remote frequency: 315

key inside ignition: None

Read Key Info

Key NO	Key Info					Remote Info		
	Key ID	Password	Cfg Page	Key Type	Status	Remote ID	Remote Password	Syn code
<input type="radio"/> Key1	B021499A	1DB44718BF6C	C858FA7B	Remote Key	Enable	E1B6	0769A989156F	D79F86CE
<input type="radio"/> Key2	F13A499A	3B996DE6D368	C8B3BC90	Remote Key	Enable	399D	160D7C1A9BCB	93336D72
<input type="radio"/> Key3	230A0697	F386C9C3C8B0	C88CDFA6	Remote Key	Enable	4714	071C8B4DD4A5	96145A76
<input type="radio"/> Key4	FFFFFFFF	24FEA66EE0DF	C8				20EA2	1FA6A664
<input type="radio"/> Key5	FFFFFFFF	8D17A7BC3A6F	C8				BBA8F	588E532F
<input type="radio"/> Key6	FFFFFFFF	EFA7405B692D	C8				5ED05	47385F2E
<input checked="" type="radio"/> Key7	FFFFFFFF	57CBC74F479A	C8				083F2	C6A97185
<input type="radio"/> Key8	FFFFFFFF	0136C50671D2	C8				2BCAA	1CDA1F64
<input type="radio"/> Key9	FFFFFFFF	C669BDBEC853	C80BE19B	Unuse	Enable	64FE	9716D6D3994E	97C4D27A
<input type="radio"/> Key10	FFFFFFFF	51AFBCA68788	C8B3E6A9	Unuse	Enable	151F	715E3D066F81	5037FD99

Prompt

 pls put the blank key into the CGDI programmer coil.

- Generate dealer key
- Syn DME
- Syn ELV
- Restore key bit
- Unlock Key
- Enable Key
- Disable Key
- Load Key Data

The data was read successfully
 Reading data
 The data was read successfully
 Security authentication is in progress
 Safety certification through
 Reading key Information
 Read key information success



Download file

Pls put the blank key into the CG-DI Programmer coil

BMW CAS OBD Key Macth Feature version:0005

VIN: WBAFG2101E0G88212 CAS Version Number: 9287534 CAS Version: CAS3+ ISTAP

Tooth code: HA00030585 Remote frequency: 315 key inside ignition: None

Key NO.	Key Info					Remote Info		
	Key ID	Password	Cfg Page	Key Type	Status	Remote ID	Remote Password	Syn code
<input type="radio"/> Key1	B021499A	1DB44718BF6C	C858FA7B	Remote Key	Enable	E1B6	0769A989156F	D79F86CE
<input type="radio"/> Key2	F13A499A	3B996DE6D368	C8B3BC90	Remote Key	Enable	399D	160D7C1A9BCB	93336D72
<input type="radio"/> Key3	230A0697	F386C9C3C8B0	C88CDFA6	Remote Key	Enable	4714	071C8B4DD4A5	96145A76
<input type="radio"/> Key4	FFFFFFFF	24FEA66EE0DF	C80EA2				1FA6A664	
<input type="radio"/> Key5	FFFFFFFF	8D17A7BC3A6F	C80BA8F				588E532F	
<input type="radio"/> Key6	FFFFFFFF	EFA7405B692D	C80ED05				47385F2E	
<input checked="" type="radio"/> Key7	FFFFFFFF	57CBC74F479A	C8083F2				C6A97185	
<input type="radio"/> Key8	FFFFFFFF	0136C50671D2	C80BCAA				1CDA1F64	
<input type="radio"/> Key9	FFFFFFFF	C669BDBEC853	C80BE19B	Unuse	Enable	64FE	9716D6D3994E	97C4D27A
<input type="radio"/> Key10	FFFFFFFF	51AFBCA68788	C8B3E6A9	Unuse	Enable	151F	715E3D066F81	5037FD99

Read Key Info

Generate dealer key

Syn DME

Syn ELV

Restore key bit

Unlock Key

Enable Key

Disable Key

Load Key Data

Prompt

Whether the key currently programmed is a smart key?
Note: If it is a smart key, the key will be locked!

是(Y) 否(N)

The data was read successfully

Reading data

The data was read successfully

Security authentication is in progress

Safety certification through

Reading key Information

Read key information success



Download file

We choose the ordinary key to choose no
 Note: the smart key will lock the key to unlock the key

VIN: WBAFG2101E0G88212

CAS Version Number: 9287534

CAS Version: CAS+ ISTAP

Tooth code: HA00030585

Remote frequency: 315

key inside ignition: None

Read Key Info

Key NO.	Key Info					Remote Info		
	Key ID	Password	Cfg Page	Key Type	Status	Remote ID	Remote Password	Syn code
<input type="radio"/> Key1	B021499A	1DB44718BF6C	C858FA7B	Remote Key	Enable	E1B6	0769A989156F	D79F86CE
<input type="radio"/> Key2	F13A499A	3B996DE6D368	C8B3BC90	Remote Key	Enable	399D	160D7C1A9BCB	93336D72
<input type="radio"/> Key3	230A0697	F386C9C3C8B0	C88C DFA6	Remote Key	Enable	4714	071C8B4DD4A5	96145A76
<input type="radio"/> Key4	FFFFFFFF	24FEA66EE0DF	C83A4883	Unuse	Enable	95FB	D9F06D020EA2	1FA6A664
<input type="radio"/> Key5	FFFFFFFF	8D17A7BC3A6F	C8C6A955	Unuse	Enable	E0ED	BAE9DAFBBA8F	588E532F
<input type="radio"/> Key6	FFFFFFFF	EFA7405B692D	C844403C	Unuse	Enable	D75A	40421185ED05	47385F2E
<input checked="" type="radio"/> Key7	FFFFFFFF	57CBC74F479A	C87EAE6D	Unuse	Enable	EDCE	F865C47083F2	C6A97185
<input type="radio"/> Key8	FFFFFFFF	0136C50671D2	C8B8EE8D	Unuse	Enable	7F75	62563BA2BCAA	1CDA1F64
<input type="radio"/> Key9	FFFFFFFF	C669BDBEC853	C80BE19B	Unuse	Enable	64FE	9716D6D3994E	97C4D27A
<input type="radio"/> Key10	FFFFFFFF	51AFBCA68788	C8B3E6A9	Unuse	Enable	151F	715E3D066F81	5037FD99

Generate dealer key

Syn DME

Syn ELV

Restore key bit

Unlock Key

Enable Key

Disable Key

Load Key Data

The data was read successfully
 Security authentication is in progress
 Safety certification through
 Reading key Information
 Read key information success
 The key is being programmed
 The programming key was successful



Upload file

Edit key success



After learning, it can be used normally