



**W221**

**Empty key Spaces  
&  
match new keys**

**CG-MB**

**When we want to match a new key for the vehicle, find that the positions for key are full. At this time, we need to clear the positions, then match the new key.**

**The first step**

**Calculate the password and erase the key位**

CGDI-MB OAS 4 20 103

**EIS**

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### EIS Basic Information

SSID  VIN

EIS number  Mileage  The last key used

The penultimate used

### EIS Key Basic Information

	Used	Disabled
Key 1	<input type="checkbox"/>	<input type="checkbox"/>
Key 2	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	<input type="checkbox"/>	<input type="checkbox"/>

Key password

Special key

Erase password

Enable Password

Initialized  Personalized

TP cleared  Activated

Dealer EIS  FBS4

Welcome to use!

OBD connects the vehicle, choose“ (EIS) ”interface, click to read EIS data

CGDI-MB OAS 4 20 103

**EIS**

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### EIS Basic Information

SSID: EO 8D 3B 32 Write

VIN: Allow Modify

EIS number: 2215450308

Mileage: 1118481 KM

The last key used: 7

The penultimate used: 2

### EIS Key Basic Information

Key	Hex	Used	Disabled
Key 1	2E 09 FF 95 6A D1 06 64	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	A4 7F 76 23 DD 57 29 3E	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 3	DF FF 18 4B E2 41 42 F6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 4	DF 57 BA 07 F7 71 C3 68	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 5	12 13 1B D2 44 7F A1 D6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 6	AC 7C 25 A7 F1 9A CA 63	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 7	23 98 7D 83 A6 0E 6A B5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 8	10 48 9B 71 2C 5F 59 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Key password: Copy Paste

Special key: 3B 6D 77 BB 0A 72 A5 F5

Erase password: Get

Enable Password: Get

Initialized     Personalized  
 TP cleared     Activated  
 Dealer EIS     FBS4

Read EIS Data

Save EIS Data

Load EIS Data

Write EIS Data

Wipe the EIS

Clear TP Protection

Activate EIS

Disable Enable

Sync W204 ELV

Read success!

**Read successfully, show that the positions for key are full**

CGDI-MB OAS 4 20 103

EIS

Read/Write Key

**Compute Password**

Generate EE

Auto Computer

ELV

**Collect Data and Upload the File**

EIS Type:

1. Insert the original car key into the EIS
2. Insert key into the CGMB device and wait for the collection
3. Insert the car key into the EIS 10s and dial out
4. Insert the key into the EIS
5. Unplug the key for 5 seconds and then insert the key into EIS
6. Insert the key into the CGMB device
7. Save the generated files

**Query the Server and Wait For the Results**

Key password

**Operation Tip:**

1. Please choose the way to collect the key first, and then click the 'Collect Data' button
2. After the collection is completed, click the 'Upload Data' button to upload the collected data
3. Click the 'Query Result' button and check the 'Auto Refresh' option, the program will start the automatic query.

Copy key with key

Copy key without key

**Collect Data**

Upload Data

Query Result

Auto Refresh

Welcome to use!

**Collect data first, compute password**

CGDI-MB OAS 4 20 103

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

Collect Data and Upload the File

EIS Type:

1. Insert the original car key into the EIS  
2. Insert key into the CGMB device and wait for the collection  
3. Insert the car key into the EIS 10s and dial out  
4. Insert  
5. Unpl  
6. Inser  
7. Save

Please select the key type

The 1 generation key

Other keys

OK

Operation Tip:

1. Please choose the way to collect the key first, and then click the 'Collect Data' button  
2. After the collection is completed, click the 'Upload Data' button to upload the collected data  
3. Click the 'Query Result' button and check the 'Auto Refresh' option, the program will start the automatic query.

Copy key with key

Copy key without key

Collect Data

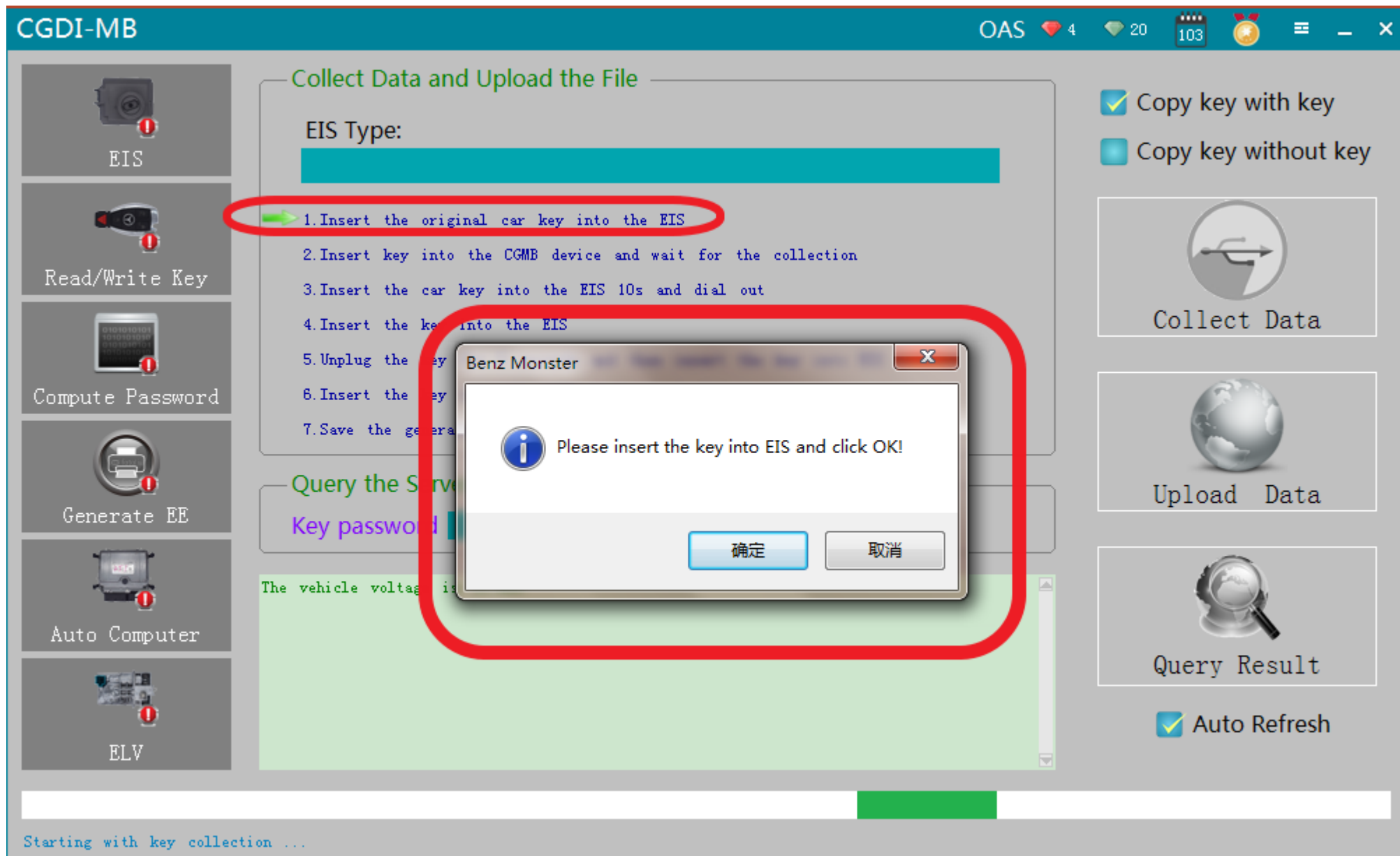
Upload Data

Query Result

Auto Refresh

Welcome to use!

**Default "Other key", click ok**



**please insert the key into EIS and click OK**



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EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

Collect Data and Upload the File

EIS Type:

1. Insert the original car key into the EIS

2. Insert key into the CGMB device and wait for the collection

3. Insert the car key into the EIS 10s and dial out

4. Insert the key into the EIS

5. Unplug the Benz Monster

6. Insert the

7. Save the

Query the

Key pass

The vehicle vol

Copy key with key

Copy key without key

Collect Data

Upload Data

Query Result

Auto Refresh

Please insert the key into the CGMB device and click OK!

确定 取消

Starting with key collection ...

The screenshot shows the CGDI-MB software interface. On the left is a vertical toolbar with icons for EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, and ELV. The main area is titled 'Collect Data and Upload the File' and contains a list of steps. Step 2, 'Insert key into the CGMB device and wait for the collection', is highlighted with a red oval and a green arrow. A dialog box with a red border is overlaid on the interface, displaying an information icon and the text 'Please insert the key into the CGMB device and click OK!'. The dialog has two buttons: '确定' (OK) and '取消' (Cancel). On the right side, there are several large buttons: 'Collect Data' (checked), 'Upload Data', 'Query Result', and 'Auto Refresh' (checked). The status bar at the bottom left shows 'Starting with key collection ...'.

Please insert the key into the CG-MB device and click ok

CGDI-MB OAS 4 20 103

**EIS**

**Read/Write Key**

**Compute Password**

**Generate EE**

**Auto Computer**

**ELV**

### Collect Data and Upload the File

EIS Type: [Redacted]

1. Insert the original car key into the EIS
2. Insert key into the CGMB device and wait for the collection
3. Insert the car key into the EIS 10s and dial out
4. Insert the key into the EIS
5. Unplug the key for 5 seconds and then insert the key into EIS
6. Insert the key into the CGMB device
7. Save the generated files

### Query the Server and Wait For the Results

Key password [Redacted] Copy

```
The vehicle voltage is 11.85V
Being collected, do not pull out the key ...
```

Copy key with key  
 Copy key without key

**Collect Data**

**Upload Data**

**Query Result**

Auto Refresh

32%

Starting with key ...

**It is collecting with key, please wait ...**

CGDI-MB OAS 4 20 103

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

Collect Data and Upload the File

EIS Type:

1. Insert the original car key into the EIS
2. Insert key into the CGMB device and wait for the collection
3. Insert the car key into the EIS 10s and dial out
4. Insert the key into the EIS
5. Unplug the key for
6. Insert the key into
7. Save the generat

Query the Server

Key password

The vehicle voltage is 11.93V  
Being collected, do not pull out the key ...  
EIS voltage is 11.93V

Copy key with key

Copy key without key

Collect Data

Upload Data

Query Result

Auto Refresh

100%

Starting with key collection ...

Benz Monster

Please insert the key into EIS and click OK!

确定

Please insert the key into EIS and click ok



Please wait patiently for 10 seconds ...

**please wait patiently for 10 seconds**

CGDI-MB OAS 4 20 103

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### Collect Data and Upload the File

EIS Type:

1. Insert the original car key into the EIS
2. Insert key into the CGMB device and wait for the collection
3. Insert the car key into the EIS 10s and dial out
4. Insert the key into the EIS
5. Unplug the key for 5 seconds and then insert the key into EIS
6. Insert the key
7. Save the generated

Query the Service

Key password

The vehicle voltage is ...  
Being collected, do not pull out the key ...  
EIS voltage is 11.9V

Copy key with key  
 Copy key without key

Collect Data

Upload Data

Query Result

Auto Refresh

100%

Starting with key collection ...

Benz Monster

Please pull out the key from the EIS, and then click OK!

确定

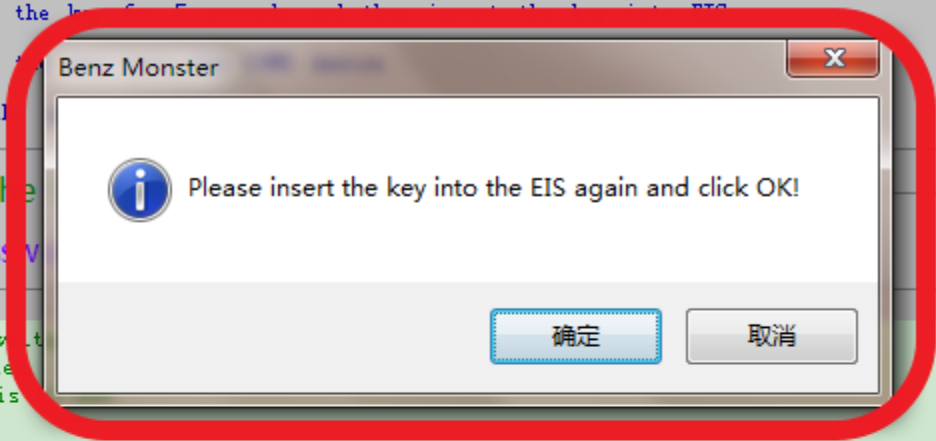
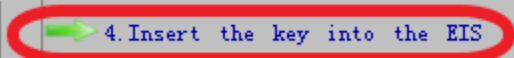
**please pull out the key from the EIS, and then click ok**

- EIS
- Read/Write Key
- Compute Password
- Generate EE
- Auto Computer
- ELV

Collect Data and Upload the File

EIS Type:

- 1.Insert the original car key into the EIS
- 2.Insert key into the CGMB device and wait for the collection
- 3.Insert the car key into the EIS 10s and dial out
- 4.Insert the key into the EIS
- 5.Unplug the key
- 6.Insert the key into the EIS
- 7.Save the file



- Copy key with key
- Copy key without key



- Auto Refresh

100%

Starting with key collection ...

please insert the key into the EIS again and click ok

CGDI-MB OAS 4 20 103

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### Collect Data and Upload the File

EIS Type:

1. Insert the original car key into the EIS
2. Insert key into the CGMB device and wait for the collection
3. Insert the car key into the EIS 10s and dial out
4. Insert the key into the EIS
5. Unplug the key for 5 seconds and then insert the key into EIS
6. Insert the key into the CGMB device
7. Save the generated files

Copy key with key

Copy key without key

Collect Data


Upload Data

Query Result  Auto Refresh

100%

Starting with key collection ...

Benz Monster

 Pull out the key for 5 seconds, then insert the EIS, then click OK!

确定 取消

**Pull out the key for 5 seconds, then insert into EIS, then click ok**



EIS



Read/Write Key



Compute Password



Generate EE



Auto Computer



ELV

## Collect Data and Upload the File

EIS Type:

- 1.Insert the original car key into the EIS
- 2.Insert key into the CGMB device and wait for the collection
- 3.Insert the car key into the EIS 10s and dial out
- 4.Insert the key into the EIS
- 5.Unplug the key for 5 seconds and then insert the key into EIS
- 6.Insert the key into the CGMB device
- 7.Save the generated files

 Copy key with key Copy key without key

Collect Data



Upload Data



Query Result

 Auto Refresh

Benz Monster



Please insert the key into the CGMB device again and click OK!

确定

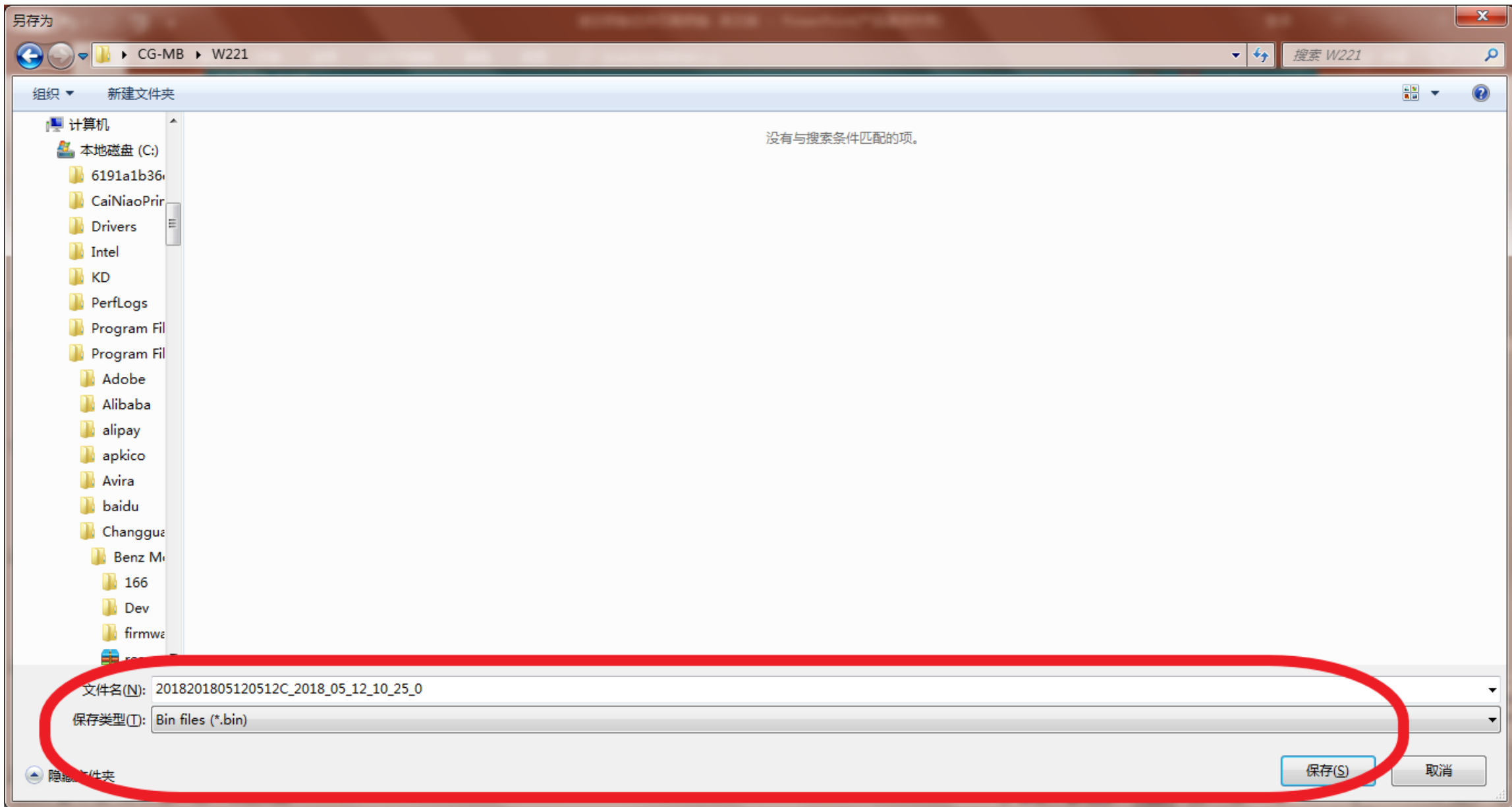
取消

100%

Starting with key collection ...

please insert the key into the CGMB device again and click ok





Collection end, save data, default file name

- EIS
- Read/Write Key
- Compute Password
- Generate EE
- Auto Computer
- ELV

### Collect Data and Upload the File

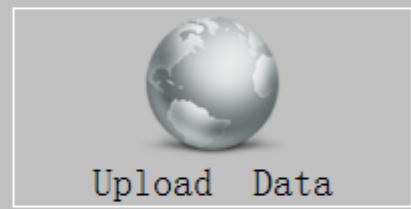
EIS Type:

1. Insert the original car key into the EIS
2. Insert key into the CGMB device and wait for the collection
3. Insert the car key into the EIS 10s and dial out
4. Insert the key into the EIS
5. Unplug
6. Insert
7. Save

Query  
Key pas

```
The vehicle voltage is 11.88V  
Being collected, do not pull out the key ...  
EIS voltage is 11.93V  
Collection is done!  
Processing data ...  
Save the file successfully. Please upload the data to calculate PASSWORD
```

- Copy key with key
- Copy key without key



- Auto Refresh

Benz Monster

Save the file successfully. Please upload the data to calculate PASSWORD

确定

100%

Collect data to save file successfully!

Save the file successfully



EIS



Read/Write Key



Compute Password



Generate EE



Auto Computer



ELV

### Collect Data and Upload the File

EIS Type:

1. Insert the original car key into the EIS
2. Insert key into the CGMB device and wait for the collection
3. Insert the car key into the EIS 10s and dial out
4. Insert the key into the EIS
5. Unplug the key for 5 seconds and then insert the key into EIS
6. Insert the key into the CGMB device
7. Save the generated files

### Query the Server and Wait For the Results

Key password

Copy

```
The vehicle voltage is 11.85V
Being collected, do not pull out the key ...
EIS voltage is 11.93V
Collection is done!
Processing data ...
Save the file successfully. Please upload the data to calculate PASSWORD
```

 Copy key with key Copy key without key

Collect Data



Upload Data

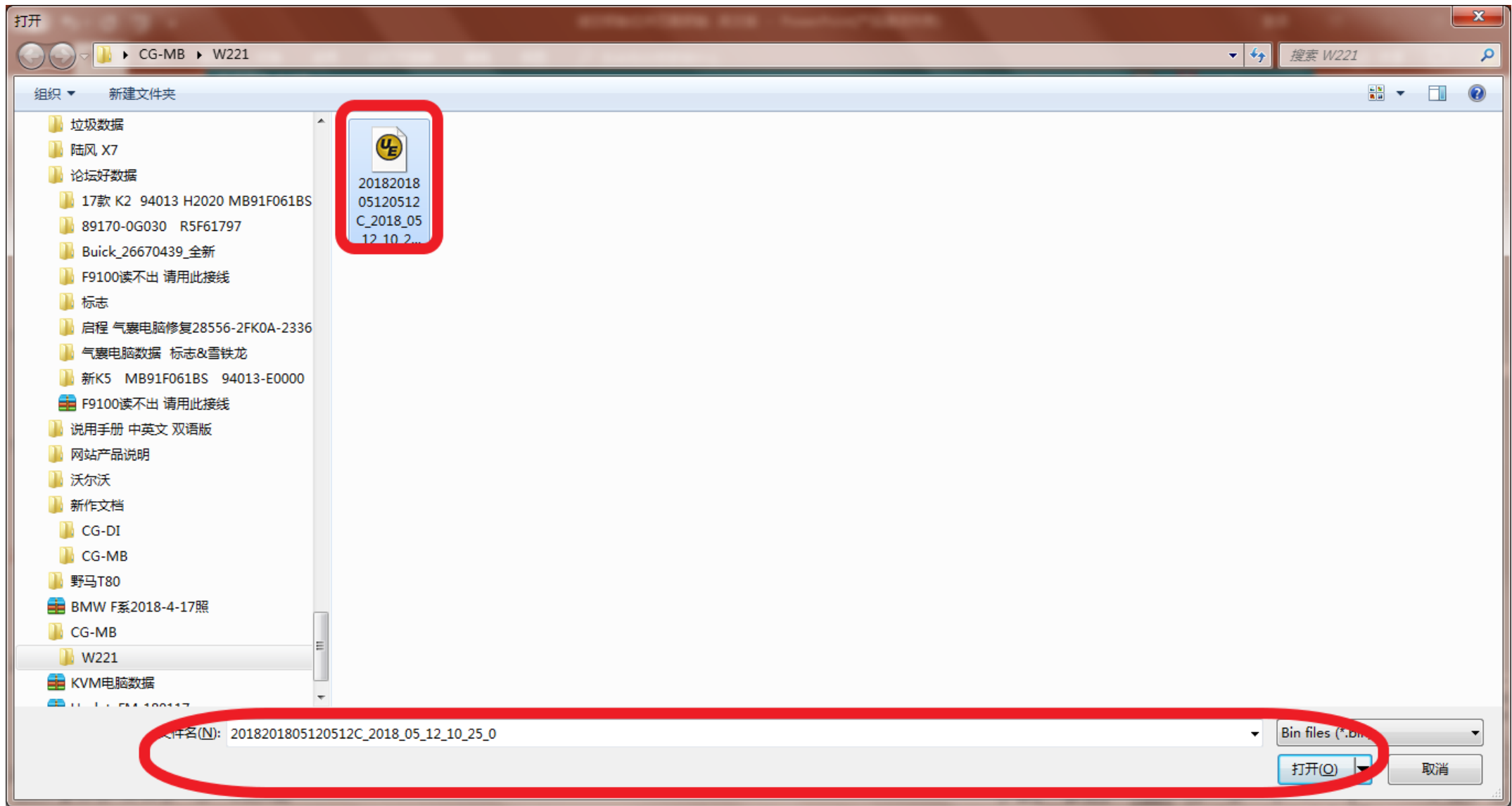


Query Result

 Auto Refresh

Collect data to save file successfully!

Click "Upload data"



Open the data just saved

- EIS
- Read/Write Key
- Compute Password
- Generate EE
- Auto Computer
- ELV

### Collect Data and Upload the File

EIS Type:

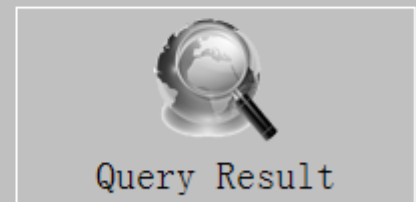
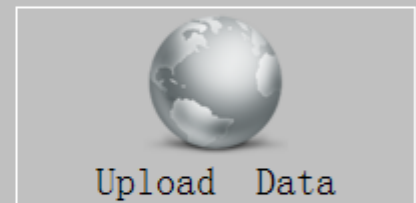
1. Insert the original car key into the EIS
2. Insert key into the CGMB device and wait for the collection
3. Insert the car key into the EIS 10s and dial out
4. Insert the key into the EIS
5. Unplug
6. Insert
7. Save

### Query

Key pair

Your remaining number of calculated passwords today is 4  
Upload data successfully, please click the [Query Results] button to query

- Copy key with key
- Copy key without key



- Auto Refresh

Benz Monster

Upload data successfully, please click the [Query Results] button to query

确定

Upload data successfully, please click the [Query Results] button to query

**Upload data successfully**

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**Collect Data and Upload the File**

EIS Type: [Redacted]

1. Insert the original car key into the EIS
2. Insert key into the CGMB device and wait for the collection
3. Insert the car key into the EIS 10s and dial out
4. Insert the key into the EIS
5. Unplug the key for 5 seconds and then insert the key into EIS
6. Insert the key into the CGMB device
7. Save the generated files

**Query the Server and Wait For the Results**

Key password [Redacted]

```
Select automatic refresh to automatically query until the results are calculated, or  
only once to exit!  
Querying...  
--- Query times: 1 --- Calculating, please wait ---  
--- Query times: 2 --- Calculating, please wait ---
```

Copy key with key  
 Copy key without key

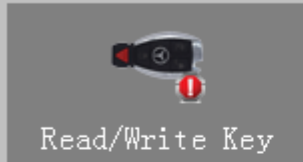
Auto Refresh

Querying...

Querying, please wait...



EIS



Read/Write Key



Compute Password



Generate EE



Auto Computer



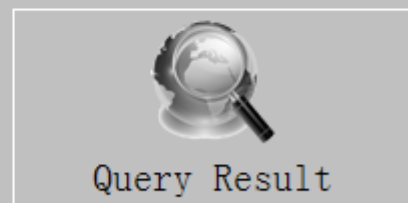
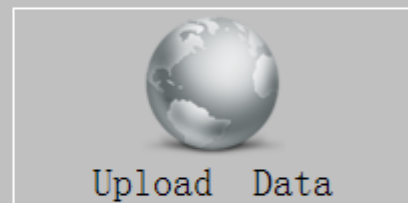
ELV

### Collect Data and Upload the File

EIS Type:

1. Insert the original car key into the EIS
2. Insert key into the GMB
3. Insert the car key into the EIS
4. Insert the key into the EIS
5. Unplug the key for 5 seconds
6. Insert the key into the EIS
7. Save the generated files

- Copy key with key
- Copy key without key



Auto Refresh



### Query the Server and Wait for the Results

Key password 15 82 04 42 55 10 00 00 Copy

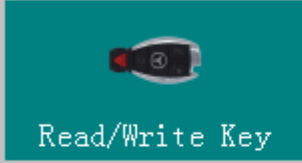
```
--- Query times: 31 --- Calculating, please wait ---  
--- Query times: 32 --- Calculating, please wait ---  
--- Query times: 33 --- Calculating, please wait ---  
--- Query times: 34 --- Calculating, please wait ---  
--- Query times: 35 --- Calculating, please wait ---  
--- Query times: 36 --- Calculating, please wait ---  
--- Query times: 37 --- Calculating, please wait ---  
--- Query times: 38 --- Calculating, please wait ---  
Computing success!
```

Querying...

**Computing success, click ok**



EIS



Read/Write Key



Compute Password



Generate EE



Auto Computer



ELV

### Collect Data and Upload the File

EIS Type:

- 1.Insert the original car key into the EIS
- 2.Insert key into the CGMB device and wait for the collection
- 3.Insert the car key into the EIS 10s and dial out
- 4.Insert the key into the EIS
- 5.Unplug the key for 5 seconds and then insert the key into EIS
- 6.Insert the key into the CGMB device
- 7.Save the generated files

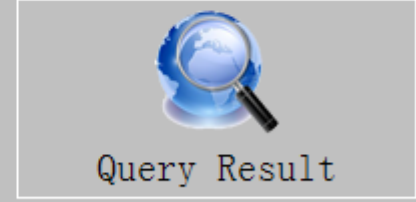
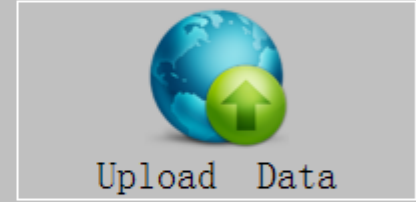
### Query the Server and Wait For the Results

Key password 15 82 04 42 55 10 00 00

Copy

```
--- query times: 31 --- Calculating, please wait ---  
--- Query times: 32 --- Calculating, please wait ---  
--- Query times: 33 --- Calculating, please wait ---  
--- Query times: 34 --- Calculating, please wait ---  
--- Query times: 35 --- Calculating, please wait ---  
--- Query times: 36 --- Calculating, please wait ---  
--- Query times: 37 --- Calculating, please wait ---  
--- Query times: 38 --- Calculating, please wait ---  
Computing success!
```

- Copy key with key
- Copy key without key



Auto Refresh

Query end

Click 'Copy'



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**EIS**

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

Welcome to use!

### EIS Basic Information

SSID: EO 8D 3B 32 Write

VIN: Allow Modify

EIS number: 2215450308

Mileage: 1118481 KM

The last key used: 7

The penultimate used: 2

### EIS Key Basic Information

	Used	Disable
Key 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 7	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 8	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Key password: Copy Paste  
15 82 04 42 55 10 00 00

Special key: 3B 6D 77 BB 0A 72 A5 F5

Erase password: Get

Enable Password: Get

Initialized  Personalized  
 TP cleared  Activated  
 Dealer EIS  FBS4

Read EIS Data  
Save EIS Data  
Load EIS Data  
Write EIS Data  
Wipe the EIS  
Clear TP Protection  
Activate EIS  
Disable Enable  
Sync W204 ELV

Go to “ (EIS) ”, and copy the password

CGDI-MB OAS 4 20 103

**EIS**

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### EIS Basic Information

SSID: EO 8D 3B 32   Allow Modify

EIS number: 2215450308 Mileage: 1118481 KM The last key used: 7 The penultimate used: 2

### EIS Key Basic Information

Key	Hex	Used	Disabled	Copy	Paste
Key 1	2E 09 FF 95 6A D1 06	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	00 00
Key 2	A4 7F 76 23 DD 57 29	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Key 3	DF FF 18 4B E2 41 42	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Key 4	DF 57 BA 07 F7 71 C3	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Key 5	12 13 1B D2 44 7F A1	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Key 6	AC 7C 25 A7 F1 9A CA 63	<input checked="" type="checkbox"/>	<input type="checkbox"/>		A5 F5
Key 7	23 98 7D 83 A6 0E 6A B5	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Key 8	10 48 9B 71 2C 5F 59 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Initialized  Personalized  
 TP cleared  Activated  
 Dealer EIS  FBS4

Benz Monster

Save file successfully!

确定

Save file successfully!

Save the EIS data with password successfully

CGDI-MB OAS 4 20 103

**EIS Basic Information**

SSID: EO 8D 3B 32 VIN: [redacted] Write Allow Modify

EIS number: 2215450308 Mileage: 1118481 KM The last key used: 7 The penultimate used: 2

**EIS Key Basic Information**

Key	Hex	Used	Disabled	Key password	Copy	Paste
Key 1	2E					
Key 2	A4	Erase password				
Key 3	DF					
Key 4	DF					
Key 5	12 13 1B D2					
Key 6	AC 7C 25 A7 F1 9A CA 63	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Key 7	23 98 7D 83 A6 0E 6A B5	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Key 8	10 48 9B 71 2C 5F 59 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Get

Initialize Personalized TP cleared Activated Dealer EIS FBS4

Read EIS Data Save EIS Data Load EIS Data Write EIS Data Wipe the EIS Clear TP Protection Activate EIS Disable Enable Sync W204 ELV

**Benz Monster**

Erase password calculated successfully!

确定

Erase password calculated successfully!

Get erase password, wait a few seconds, show that calculated successfully

CGDI-MB OAS 4 20 103

**EIS**

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### EIS Basic Information

SSID: EO 8D 3B 32

VIN:

Allow Modify

EIS number: 2215450308

Mileage: 1118481 KM

The last key used: 7

The penultimate used: 2

### EIS Key Basic Information

	Used	Disabled
Key 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 7	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 8	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Key password:    
15 82 04 42 55 10 00 00

Special key  
3B 6D 77 BB 0A 72 A5 F5

Erase password   
38 41 8D 8C 43 19 91 50

Enable Password

Initialized  Personalized  
 TP cleared  Activated  
 Dealer EIS  FBS4

Erase password calculated successfully!

Click "Wipe the EIS"

CGDI-MB OAS 4 20 103

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### EIS Basic Information

SSID: EO 8D 3B 32 Write

VIN:                      Allow Modify

EIS number: 2215450308

Mileage: 1118481 KM

The last key used: 7

The penultimate used: 2

### EIS Key Basic Information

Key	Hex	Used	Disabled	Key password	Copy	Paste
Key 1	2E	<input type="checkbox"/>	<input type="checkbox"/>			
Key 2	/	<input type="checkbox"/>	<input type="checkbox"/>	Please insert the Simulation Key into the EIS in 30 seconds.....		
Key 3	DF	<input type="checkbox"/>	<input type="checkbox"/>			
Key 4	DF	<input type="checkbox"/>	<input type="checkbox"/>			
Key 5	12 13 1B D2 44 7F A1 D6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enable Password		Get
Key 6	AC 7C 25 A7 F1 9A CA 63	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Key 7	23 98 7D 83 A6 0E 6A B5	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Key 8	10 48 9B 71 2C 5F 59 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Initialized     Personalized

TP cleared     Activated

Dealer EIS     FBS4

Read EIS Data

Save EIS Data

Load EIS Data

Write EIS Data

Wipe the EIS

Clear TP Protection

Activate EIS

Disable    Enable

Sync W204 ELV

Erase the EIS success!

please insert the simulation key into the EIS in 30 seconds.....



**simulation key physical operation diagram**

CGDI-MB OAS 4 20 103

**EIS Basic Information**

SSID	VIN	Write	Allow Modify
EO 8D 3B 32			
EIS number	Mileage	The last key used	7
2215450308	1118481 KM	The penultimate used	2

**EIS Key Basic Information**

Key	Hex	Used	Disabled	Key password	Copy	Paste	
Key 1	2E						
Key 2	A4	Please insert the Simulation Key into the EIS in 30 seconds.....					
Key 3	DF						
Key 4	DF						
Key 5	12 13 1B D2 44 7F A1						
Key 6	AC 7C 25 A7 F1 9A CA						
Key 7	23 98 7D 83 A6 0E 6A B5						
Key 8	10 48 9B 71 2C 5F 59 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

Personalized  Activated   
Dealer EIS  FBS4

Read EIS Data  
Save EIS Data  
Load EIS Data  
Write EIS Data  
Wipe the EIS  
Clear TP Protection  
Activate EIS  
Disable Enable  
Sync W204 ELV

**Benz Monster**  
Erase the EIS success!  
确定

Erase the EIS success!

Erase the EIS success, click ok

CGDI-MB OAS 4 20 103

**EIS**

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### EIS Basic Information

SSID: EO 8D 3B 32 Write

EIS number: 2215450308

VIN:  

Mileage: 1118481 KM

The last key used: Unused

The penultimate used: 7

Allow Modify

### EIS Key Basic Information

Key	Hex	Used	Disabled
Key 1	2E 09 FF 95 6A D1 06 64	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 2	BC 10 21 C6 14 40 4D A4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 3	DF FF 18 4B E2 41 42 F6	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 4	DF 57 BA 07 F7 71 C3 68	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 5	12 13 1B D2 44 7F A1 D6	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 6	AC 7C 25 A7 F1 9A CA 63	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 7	1B 49 EF 6C 44 EE D2 3F	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 8	10 48 9B 71 2C 5F 59 18	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Key password:   Copy Paste

Special key: 38 41 8D 8C 43 19 91 50

Erase password:   Get

Enable Password:   Get

Initialized     Personalized  
 TP cleared     Activated  
 Dealer EIS     FBS4

Read EIS Data

Save EIS Data

Load EIS Data

Write EIS Data

Wipe the EIS

Clear TP Protection

Activate EIS

Disable    Enable

Sync W204 ELV

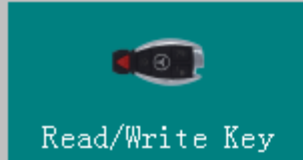
Read success!

**Read EIS data again, show the related information after erasing**





EIS



Read/Write Key



Compute Password



Generate EE



Auto Computer



ELV

### EIS Basic Information

SSID: EO 8D 3B 32

VIN:  Write

EIS number: 2215450308

Mileage: 1118481 KM

The last key used: Unused

The penultimate used: 7

Allow Modify

### EIS Key Basic Information

	Used	Disabled	
Key 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2E 09 FF 95 6A D1 06 64
Key 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	BC 10 21 C6 14 40 4D A4
Key 3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	DF FF 18 4B E2 41 42 F6
Key 4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	DF 57 BA 07 F7 71 C3 68
Key 5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12 13 1B D2 44 7F A1 D6
Key 6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	AC 7C 25 A7 F1 9A CA 63
Key 7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1B 49 EF 6C 44 EE D2 3F
Key 8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10 48 9B 71 2C 5F 59 18

Key password:  Copy Paste

Special key: 38 41 8D 8C 43 19 91 50

Erase password:  Get

Enable Password:  Get

Initialized     Personalized

TP cleared     Activated

Dealer EIS     FBS4

Read EIS Data

Save EIS Data

Load EIS Data

Write EIS Data

Wipe the EIS

Clear TP Protection

Activate EIS

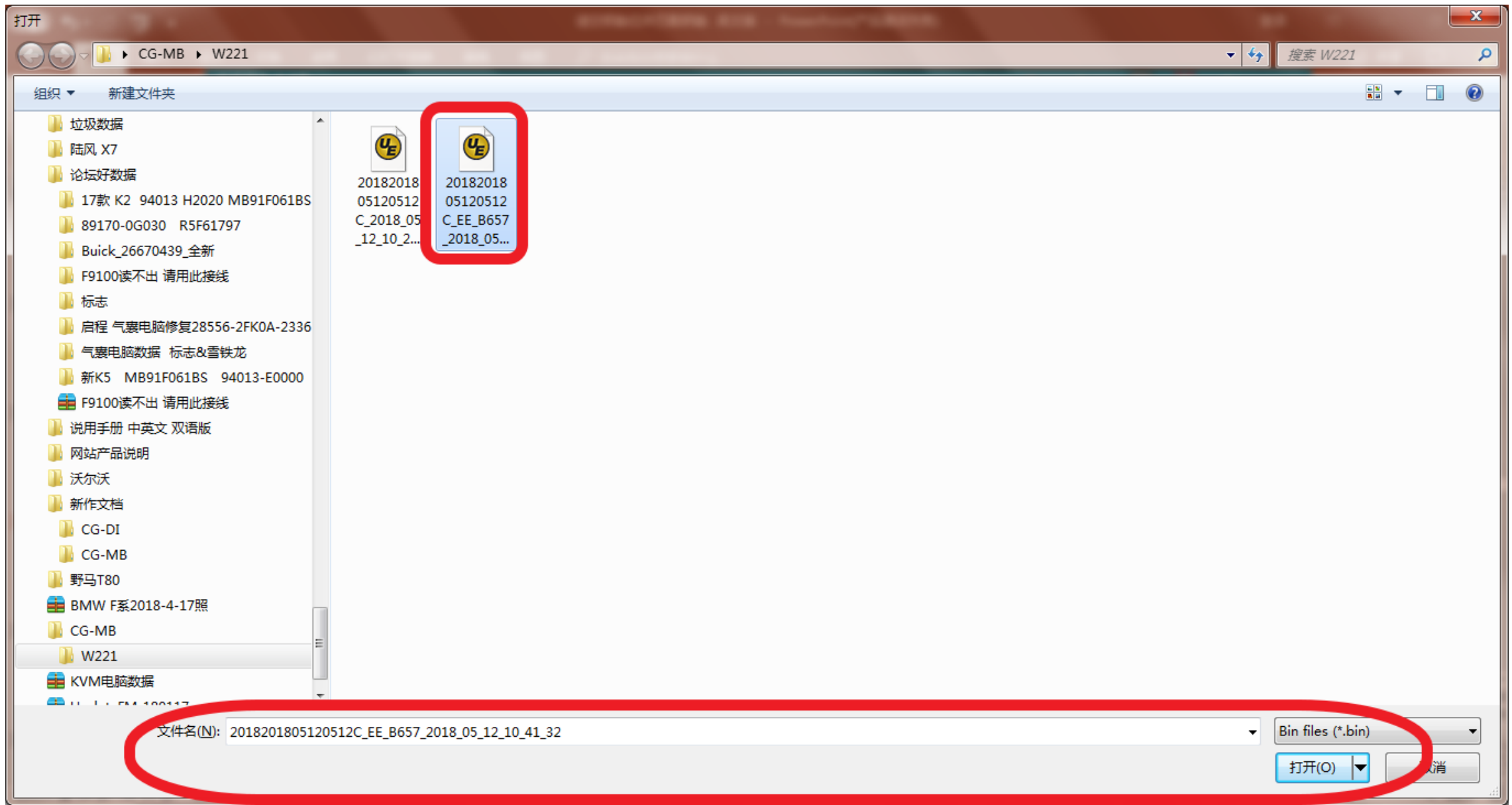
Disable

Enable

Sync W204 ELV

Read success!

Click "Load EIS Data"



Open the EIS data just saved

CGDI-MB OAS 4 20 103

**EIS**

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### EIS Basic Information

SSID: EO 8D 3B 32 Write

VIN: Allow Modify

EIS number: The last key used 7

Mileage: The penultimate used 2

### EIS Key Basic Information

	Used	Disabled
Key 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 7	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 8	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Key password: Copy Paste  
15 82 04 42 55 10 00 00

Special key: 3B 6D 77 BB 0A 72 A5 F5

Erase password: Get

Enable Password: Get

Initialized  Personalized  
 TP cleared  Activated  
 Dealer EIS  FBS4

Read EIS Data

Save EIS Data

Load EIS Data

**Write EIS Data**

Wipe the EIS

Clear TP Protection

Activate EIS

Disable Enable

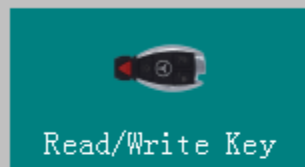
Sync W204 ELV

Read success!

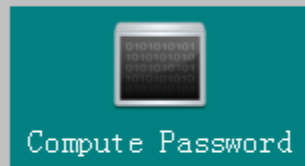
Click "Write EIS Data"



EIS



Read/Write Key



Compute Password



Generate EE



Auto Computer



ELV

### EIS Basic Information

SSID	VIN	Write	Allow Modify
EO 8D 3B 32			
EIS number	Mileage	The last key used	7
		The penultimate used	2

### EIS Key Basic Information

	Used	Disabled
Key 1	2E 00	
Key 2	A4 70	
Key 3	DF F0	
Key 4	DF 50	
Key 5	12 13	
Key 6	AC 7C 25 A7 F1 9A CA 63	<input checked="" type="checkbox"/>
Key 7	23 98 7D 83 A6 0E 6A B5	<input checked="" type="checkbox"/>
Key 8	10 48 9B 71 2C 5F 59 18	<input checked="" type="checkbox"/>

<input checked="" type="checkbox"/> Initialized	<input checked="" type="checkbox"/> Personalized
<input checked="" type="checkbox"/> TP cleared	<input checked="" type="checkbox"/> Activated
<input type="checkbox"/> Dealer EIS	<input type="checkbox"/> FBS4

Benz Monster

Suggestion: Write the VIN first, and then write the EIS data!  
Whether to continue?

Read EIS Data

Save EIS Data

Load EIS Data

Write EIS Data

Wipe the EIS

Clear TP Protection

Activate EIS

Disable

Enable

Sync W204 ELV

Read success!

Click ok

- EIS
- Read/Write Key
- Compute Password
- Generate EE
- Auto Computer
- ELV

### EIS Basic Information

SSID: EO 8D 3B 32 Write

VIN: Allow Modify

EIS number: The last key used 7

Mileage: The penultimate used 2

### EIS Key Basic Information

Key	Used	Disabled	Key password	Copy	Paste
Key 1	2E				
Key 2	A4				
Key 3	DF				
Key 4	DF				
Key 5	12 13 1B D2 44 7F A1 D6	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Key 6	AC 7C 25 A7 F1 9A CA 63	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Key 7	23 98 7D 83 A6 0E 6A B5	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Key 8	10 48 9B 71 2C 5F 59 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Enable Password Get

Initialized  Personalized

TP cleared  Activated

Dealer EIS  FBS4

Please insert the Simulation Key into the EIS in 30 seconds.....

- Read EIS Data
- Save EIS Data
- Load EIS Data
- Write EIS Data
- Wipe the EIS
- Clear TP Protection
- Activate EIS
- Disable
- Enable
- Sync W204 ELV

Write EIS data success!

**please insert the simulation key into the EIS in 30 seconds**



**simulation key physical operation diagram**

- EIS
- Read/Write Key
- Compute Password
- Generate EE
- Auto Computer
- ELV

### EIS Basic Information

SSID	VIN	Write
EO 8D 3B 32		Allow Modify
EIS number	Mileage	The last key used 7
		The penultimate used 2

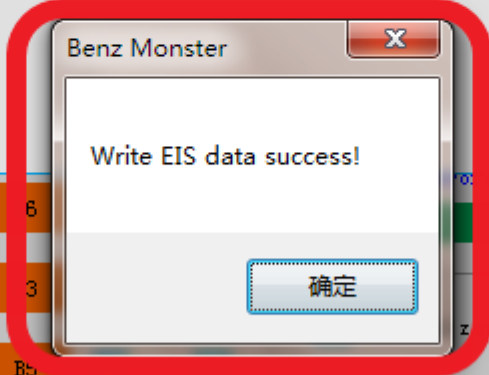
### EIS Key Basic Information

Key	Used	Disabled	Key password	Copy	Paste
Key 1	2E				
Key 2	A4		Please insert the Simulation Key into the EIS in 30 seconds.....		
Key 3	DF				
Key 4	DF				
Key 5	12 13 1B D2 44 7F A1 6				
Key 6	AC 7C 25 A7 F1 9A CA 3				
Key 7	23 98 7D 83 A6 0E 6A B5				
Key 8	10 48 9B 71 2C 5F 59 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Get

- Personalized
- TP cleared
- Activated
- Dealer EIS
- FBS4

- Read EIS Data
- Save EIS Data
- Load EIS Data
- Write EIS Data
- Wipe the EIS
- Clear TP Protection
- Activate EIS
- Disable
- Enable
- Sync W204 ELV



Write EIS data success!

Write EIS data success

CGDI-MB OAS 4 20 103

**EIS**

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### EIS Basic Information

SSID: E0 8D 3B 32 VIN:  [Write](#)

EIS number: 2215450308 Mileage: 1118481 KM

The last key used: Unused

The penultimate used: Unused

[Allow Modify](#)

---

### EIS Key Basic Information

Key	Hex	Used	Disabl
Key 1	2E 09 FF 95 6A D1 06 64	<input type="checkbox"/>	<input type="checkbox"/>
Key 2	BC 10 21 C6 14 40 4D A4	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	DF FF 18 4B E2 41 42 F6	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	DF 57 BA 07 F7 71 C3 68	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	12 13 1B D2 44 7F A1 D6	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	AC 7C 25 A7 F1 9A CA 63	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	1B 49 EF 6C 44 EE D2 3F	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	10 48 9B 71 2C 5F 59 18	<input type="checkbox"/>	<input type="checkbox"/>

Key password:  [Copy](#) [Paste](#)

Special key: 3B 6D 77 BB 0A 72 A5 F5

Erase password:  [Get](#)

Enable Password:  [Get](#)

Initialized     Personalized  
 TP cleared     Activated  
 Dealer EIS     FBS4

[Read EIS Data](#)

[Save EIS Data](#)

[Load EIS Data](#)

[Write EIS Data](#)

[Wipe the EIS](#)

[Clear TP Protection](#)

[Activate EIS](#)

[Disable](#)    [Enable](#)

[Sync W204 ELV](#)

Read success!

**Read EIS data again, showed as above picture**





**Insert the original car key into the lock to learn and start**

CGDI-MB OAS 4 20 103

**EIS**

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### EIS Basic Information

SSID: EO 8D 3B 32 VIN:  [Write](#)

EIS number: 2215450308 Mileage: 1118481 KM

The last key used: 7 The penultimate used: Unused

[Allow Modify](#)

---

### EIS Key Basic Information

Key	Hex Data	Used	Disabled
Key 1	2E 09 FF 95 6A D1 06 64	<input type="checkbox"/>	<input type="checkbox"/>
Key 2	BC 10 21 C6 14 40 4D A4	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	DF FF 18 4B E2 41 42 F6	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	DF 57 BA 07 F7 71 C3 68	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	12 13 1B D2 44 7F A1 D6	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	AC 7C 25 A7 F1 9A CA 63	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	51 37 35 C8 CE 2C 53 40	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 8	10 48 9B 71 2C 5F 59 18	<input type="checkbox"/>	<input type="checkbox"/>

Key password:  [Copy](#) [Paste](#)

Special key: 3B 6D 77 BB 0A 72 A5 F5

Erase password:  [Get](#)

Enable Password:  [Get](#)

Initialized  Personalized

TP cleared  Activated

Dealer EIS  FBS4

[Read EIS Data](#)

[Save EIS Data](#)

[Load EIS Data](#)

[Write EIS Data](#)

[Wipe the EIS](#)

[Clear TP Protection](#)

[Activate EIS](#)

[Disable](#) [Enable](#)

[Sync W204 ELV](#)

Read success!

Read EIS data again, left origin key position data only, erase key position data successfully

**The second step**  
**Match new key**

CGDI-MB OAS 4 20 103

EIS

Read/Write Key

Compute Password

**Generate EE**

Auto Computer

ELV

### Load the EIS File and Confirm the PASSWORD

SSID  VIN

Key password

### Select the Key File Format and Location to Generate

1. Select the key file format
2. Select generate key position
3. Click the [Generate Key File] button to generate

V041     V051

Key 1     Key 2     Key 3     Key 4

Key 5     Key 6     Key 7     Key 8     Select All

Operation Tip:  
1. Click the 'Load EIS File' button, check the SSID and password integrity  
2. Select the key location and key type, then click the 'Generate key file' button, waiting for the results generated

Load EIS File

Generate Key File

Welcome to use!

**Go to “Generate EE”, load EIS file just saved**

CGDI-MB OAS 4 20 103

**Load the EIS File and Confirm the PASSWORD**

SSID: E0 8D 3B 32      VIN: [Redacted]

Key password: 15 82 04 42 55 10 00 00

**Select the Key File Format and Location to Generate**

1. Select the key file format
2. Select generate key position
3. Click the [Generate Key File] button to generate

V041       V051

Key 1     Key 2     Key 3     Key 4

Key 5     Key 6     Key 7     Key 8     Select All

Loading EIS file...  
Load EIS file successfully!

Load EIS file successfully!

Buttons: EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, ELV, Load EIS File, Generate Key File

**Load successfully, please check the information to see whether it is correct**

CGDI-MB OAS 4 20 103

**EIS**

**Read/Write Key**

**Compute Password**

**Generate EE**

**Auto Computer**

**ELV**

**Load the EIS File and Confirm the PASSWORD**

SSID: EO 8D 3B 32      VIN: [REDACTED]

Key password: 15 82 04 42 55 10 00 00

**Select the Key File Format and Location to Generate**

1. Select the key file format
2. Select generate key position
3. Click the [Generate Key File] button to generate

V041       V051

Key 1     Key 2     Key 3     Key 4

Key 5     Key 6     Key 7     Key 8     Select All

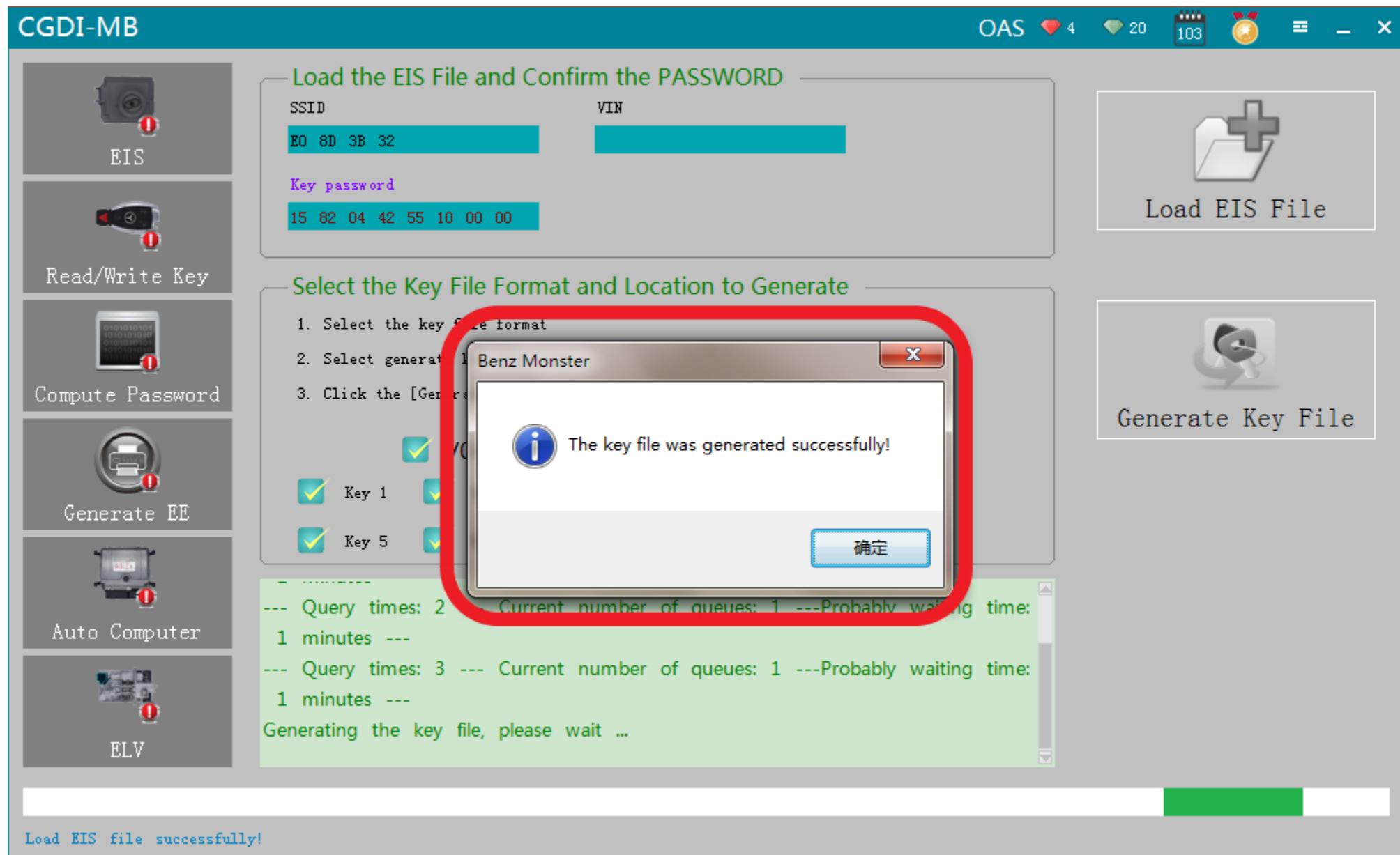
Time the number of times remaining for calculate EE today: 20  
--- Query times: 1 --- Current number of queues: 1 ---Probably waiting time:  
1 minutes ---  
--- Query times: 2 --- Current number of queues: 1 ---Probably waiting time:  
1 minutes ---

**Load EIS File**

**Generate Key File**

Load EIS file successfully!

**Click "Generate key file", please wait.....**



**The key file was generated successfully, please save data file**







please insert the new key into CG-MB device

CGDI-MB OAS 4 20 103

**EIS**

**Read/Write Key**

**Compute Password**

**Generate EE**

**Auto Computer**

**ELV**

### Key Basic Information

SSID	00 00 00 00	Position	00
Available times	00	State	Activate Unused
Times used	00	Version	BE
Key password	Copy Paste	Track code	Copy

00000000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
00000010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
00000020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
00000030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
00000040 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
00000050 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
00000060 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
00000070 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
00000080 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
00000090 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

**Interface:**

Infrared

NEC Adapter

**Read Key/Chip**

**Reset**

**Open/Write**

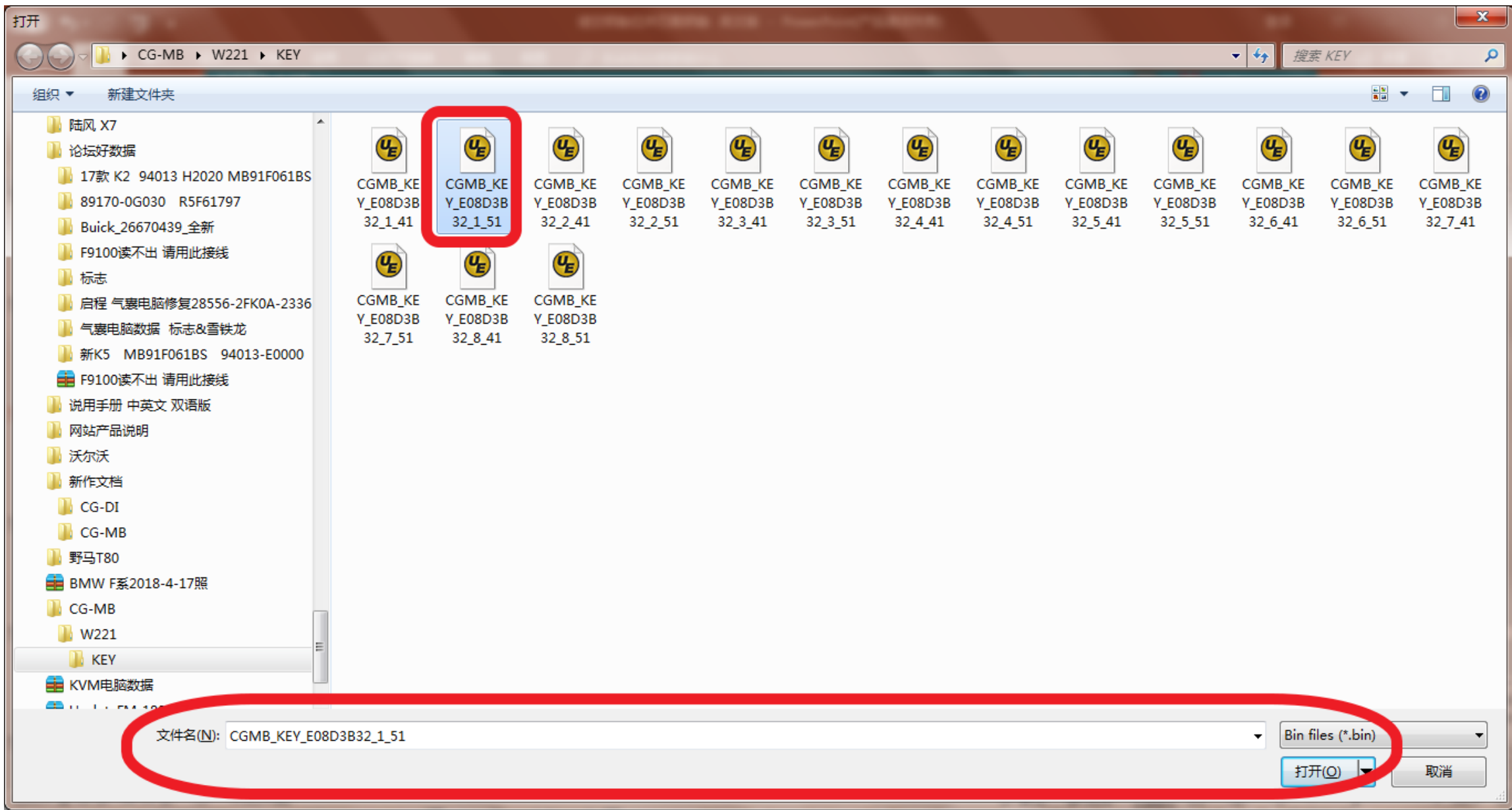
**Current hash**

**Save BE File**

Read success!

Click "read key", show key information





**Choose—unused key position data, click and open it**

- EIS
- Read/Write Key
- Compute Password
- Generate EE
- Auto Computer
- ELV

Key Basic Information

SSID	Position
Available times	State <input type="button" value="Activate"/>
Times used	
Key password <input type="button" value="Copy"/>	<input type="button" value="Copy"/>

- Interface:
- Infrared
  - NEC Adapter
- 
- 
- 
- 
- 

00000000	01 15 82 04 42 5 10	. . . B U . . .
00000010	5C B6 2E 21 1F 9 0D	. . . ! . I . . .
00000020	91 51 57 44 C9 5 38	Q W D . . 8 ] J
00000030	5E 23 D4 1F D3 E D6	# . . . . .
00000040	44 3E 2D 08 68 E 1D E8 EB 1E 1D EE 2F 60 FF 06	> - . h n . . .
00000050	B8 28 FB 1F 2C C 04 08 FF 4F 0F 01 FF 03 FF 48	. ( . . . . . 3 w
00000060	B2 0F 06 99 14 AD 89 78 7C 7F FF FF FF FF FF	. . . . . x
00000070	FF FF FF 64 06 D1 6A 95 FF 09 2E 7F FF 00 00 02	. . . d . . j . .
00000080	FF FF FF FF FF FF FF FF 6E D1 DB EA E0 8D 3B 32	. . . . . n
00000090	01 01 01 01 FF FF FF FF 73 0C FF FF FF FF 04 FC	. . . . . s

Benz Monster

Write success!

Write success!

Write success



**please insert the new key into EIS to learn, start the car after learning**

CGDI-MB OAS 4 20 103

**EIS**

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

### EIS Basic Information

SSID: EO 8D 3B 32

EIS number: 2215450308

VIN:

Mileage: 1118481 KM

The last key used: 1

The penultimate used: 7

Allow Modify

### EIS Key Basic Information

Key	Hex	Enabled	Selected
Key 1	89 AD 14 99 06 0F B2 16	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	BC 10 21 C6 14 40 4D A4	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	DF FF 18 4B E2 41 42 F6	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	DF 57 BA 07 F7 71 C3 68	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	12 13 1B D2 44 7F A1 D6	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	AC 7C 25 A7 F1 9A CA 63	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	51 37 35 C8 CE 2C 53 40	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 8	10 48 9B 71 2C 5F 59 18	<input type="checkbox"/>	<input type="checkbox"/>

Key password:

Special key: 3B 6D 77 BB 0A 72 A5 F5

Erase password:

Enable Password:

Initialized  Personalized  
 TP cleared  Activated  
 Dealer EIS  FBS4

Read success!

Read EIS data again, show ✓, combine the car to start, match new key successfully !