



W211 original key hopping code repair

Hopping code: Most of the keys are too fast to be inserted and removed, and the track code does not roll, resulting in code hopping, so that the key and the lock cannot be matched properly.

Use Mercedes monster to repair, the specific operation is as follows:

- 1. First you need a key password.**
- 2. Calculate the track code of the key.**
- 3. Read the EIS, fill in the password and save the data.**
- 4. Calculate the erase password and erase the it.**
- 5. Load the EIS data with the password.**
- 6. Click "Allow modification of data."**
- 7. Change the track code of the key position to the track code of the key.**
- 8. Write data.**
- 9. Learning key**

Need to use the tool below

CG-MB

support key matching, lock replacement,
direction lock repair and support engine
computer,
gearbox computer, hang block
computer to clear all contents through
OBD operation



ANALOG KEY

Support direct reading key
password, support for all lost
acquisition,
support to wipe / write lock,
support for direction lock
repairing.



OBD CONNECTION LINE

used to connect the body
diagnosis network for data
reading and acquisition



USB CABLE

For communication and the
connection of computer and
equipment



1. First you need a key password, If there are no keys, you can calculate the password by doing all key lost.

CGMB

Mileage Repair GateWay R/W Wiring Diagram Online Store

EIS Basic Information

SSID: 58 44 B6 12 VIN: [] Write Allow Modify

EIS number: 2115451408 Mileage: 0 KM The last key used: 1 The penultimate used: Unused

EIS Key Basic Information

Key	Hex Value	Used	Disabled
Key 1	E3 5F CF 2A B0 4B 4B E6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	D3 88 9E F8 B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	0B 15 35 0D 51 08 F4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	41 87 3D 04 AC 59 39 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	8D 98 00 E3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

Key password: [] Copy Paste

Special key: 46 5D 88 42 96 51 77 FB

Erase password: [] Get

Enable Password: [] Get

Initialized Personalized
 TP cleared Activated
 Dealer EIS FBS4

Read success!

Buttons: 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, Check EIS Status

Calculate password

CGMB

Mileage Repair GateWay R/W Wiring Diagram Online Store

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

Collect Data and Upload the File

EIS Type:

1.Waiting to read the EIS data
2.Insert the Simulation Key into the EIS
3.Start collecting, it will take a long time, do not disconnect the device
4.Collection complete, please save data, then click Upload Data

Copy key with key
 Copy key without key

Collect Data

Upload Data

Query the Server and Wait For the Results

Key password

Query Result

Auto Refresh

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.

2. Calculate the track code of the key, click to read the key/chip and read the current information of the key.

The screenshot displays the CGMB software interface. The top navigation bar includes 'Mileage Repair', 'GateWay R/W', 'Wiring Diagram', and 'Online Store'. The main area is titled 'Key Basic Information' and contains the following data:

SSID	58 44 B6 12	Position	1
Available times	181363	State	Activate 14EC Used
Times used	15244	Version	51
Key password	Copy Paste	Track code	Copy

Below the information is a hex dump table:

-----	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7
00000000	00	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	00	.	.	.	.	.	.	.	.
00000020	00	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	00	.	.	.	.	.	.	.	.
00000040	00	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	00	.	.	.	.	.	.	.	.
00000060	00	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	00	.	.	.	.	.	.	.	.
00000080	00	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	00	.	.	.	.	.	.	.	.

On the right side, the 'Interface' section shows 'Infrared' selected and 'NEC Adapter' unselected. A red box highlights the 'Read Key/Chip' button. Other buttons include 'Reset', 'Open/Write', 'Current Hash', and 'Save BE File'. The status bar at the bottom left displays 'Read success!'.

Confirm that the key has been inserted into the device and check that the key password is correct. The track code calculated by the wrong password is invalid

The screenshot shows the CGMB software interface. The main window is titled "Key Basic Information" and displays the following data:

SSID	58 44 B6 12	Position	1
Available times	181382	State	Used
Time	1524	Key	03

Below the information table is a hex dump of data, starting with 00000000 and continuing with 00000010 through 00000090. Each line contains a hex value followed by a series of 00 characters and a series of dots.

A modal dialog box is displayed in the center of the screen with the following text:

Please make sure the key is inserted into the device, and check the key password, the wrong password calculated track code is invalid.

The dialog box has a "确定" (Confirm) button at the bottom right.

The software interface includes a sidebar on the left with icons for EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, and ELV. The top navigation bar includes Mileage Repair, GateWay R/W, Wiring Diagram, and Online Store. The right sidebar contains an "Interface:" section with radio buttons for Infrared and NEC Adapter, and buttons for Read Key/Chip, Reset, Open/Write, Current Hash, and Save BE File.

Key track code calculated successfully

The screenshot displays the CGMB software interface. The main window is titled "CGMB" and features a top navigation bar with "Mileage Repair", "GateWay R/W", "Wiring Diagram", and "Online Store". The left sidebar contains icons for "EIS", "Read/Write Key", "Compute Password", "Generate EE", "Auto Computer", and "ELV". The central area is titled "Key Basic Information" and displays the following data:

SSID	58 44 B6 12	Position	1
Available times	181381	State	14EC Used
Times used	15248	Version	
Key password	03 A7 86 E3 A5 96		

A modal dialog box titled "CGMB" is overlaid on the screen, displaying the message "Calculate the key track code success!" and a "确定" (OK) button. Below the information, a hex dump is visible, showing a grid of hex values (00 00 00 00) and a column of indices (0-7). The status bar at the bottom of the window displays the message "Calculate the key track code success!". On the right side, the "Interface:" section includes radio buttons for "Infrared" (selected) and "NEC Adapter", and a series of buttons: "Read Key/Chip", "Reset", "Open/Write", "Current Hash", and "Save BE File".

3. Read the EIS, fill in the password and save the data.

The screenshot displays the CGMB software interface with the following sections and data:

Navigation Bar: Mileage Repair, GateWay R/W, Wiring Diagram, Online Store

Left Sidebar: EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, ELV

EIS Basic Information:

- SSID: 58-44-B8-12
- VIN: [Empty]
- EIS number: 2115451408
- Mileage: 0 KM
- The last key used: 1
- The penultimate used: Unused
- Buttons: Write, Allow Modify

EIS Key Basic Information:

Key	Hex Data	Used	Disabled
Key 1	E3 5F CF 2A B0 4B 4B E6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	D3 88 9E FE B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	0B 15 35 0D 51 08 E4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	41 87 3D 04 AC 59 39 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	22 CE 75 C4 2F ET 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	8D 98 00 E3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 06	<input type="checkbox"/>	<input type="checkbox"/>

Key Management:

- Key password: 03 A7 86 E3 A5 96 21 67 (Buttons: Copy, Paste)
- Special key: 46 5D 88 42 96 51 77 FB
- Erase password: [Empty] (Button: Get)
- Enable Password: [Empty] (Button: Get)
- Options: Initialized, Personalized, TP cleared, Activated, Dealer EIS, FBS4

Right Panel Buttons: Read EIS Data, Save EIS Data (highlighted), Load EIS Data, Write EIS Data, Wipe the EIS, Clear TP Protection, Activate EIS, Disable, Enable, Sync W204 ELV, Check EIS Status

Footer: Welcome!

EIS data saved successfully

CGMB

Mileage Repair GateWay R/W Wiring Diagram Online Store

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

EIS Basic Information

SSID	VIN	Write	Allow Modify
58 44 B6 12			
EIS number	Mileage	The last key used	1
2115451408	0 KM	The penultimate used	Unused

EIS Key Basic Information

Key 1	E3 5F CF 2A B0 4B 4B	Copy	Paste
Key 2	D3 88 9E F8 B6 99 58	45 96 21 87	
Key 3	0B 15 35 0D 51 08 E4	98 51 77 FB	Get
Key 4	41 87 3D 04 AC 59 39		
Key 5	22 CE 75 C4 2F E7 3A 59		Get
Key 6	1E 1B E5 97 DD 68 47 6A		
Key 7	8D 98 3D E3 FB 26 25 49		
Key 8	74 52 9A FD 77 93 32 05		

Disable password

Initialized Personalized

TP cleared Activated

Dealer EIS FBS4

Save file successfully!

Save file successfully!

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

Check EIS Status

4. Calculate the erase password and erase the lock, let us get the erase password first.

The screenshot displays the CGMB software interface with the following components:

- Navigation Bar:** Mileage Repair, GateWay R/W, Wiring Diagram, Online Store.
- Left Sidebar:** EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, ELV.
- EIS Basic Information:**
 - SSID: 58 44 B6 12
 - VIN: [Redacted]
 - EIS number: 2115451408
 - Mileage: 0 KM
 - The last key used: 1
 - The penultimate used: Unused
 - Buttons: Write, Allow Modify
- EIS Key Basic Information:**

Key	Hex Data	Used	Disabled
Key 1	E3 5F CF 2A B0 4B 4B E6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	D3 88 9E F8 B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	0B 15 35 0D 51 08 E4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	41 87 3D 04 AC 59 39 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	8D 98 30 E9 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

 - Key password: 03 A7 86 E3 A5 96 21 B7
 - Special key: 46 5D 88 42 96 51 77 FB
 - Erase password: [Redacted] (highlighted with a red box)
 - Enable Password: [Redacted]
 - Buttons: Copy, Paste, Get

Checkboxes:
 Initialized Personalized
 TP cleared Activated
 Dealer EIS FBS4
- Right Panel:** 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, Check EIS Status.
- Bottom Status Bar:** Save file successfully!

Erase password successfully calculated

The screenshot shows the CGMB software interface with the following components:

- Top Bar:** CGMB logo, navigation tabs (Mileage Repair, GateWay R/W, Wiring Diagram, Online Store), and system status icons (signal strength, battery, time).
- Left Sidebar:** Vertical menu with icons and labels: EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, ELV.
- Main Panel - EIS Basic Information:**
 - SSID: 58 44 B6 12
 - VIN: [Redacted]
 - EIS number: 2115451408
 - Mileage: 0 KM
 - The last key used: 1
 - The penultimate used: Unused
 - Buttons: Write, Allow Modify
- Main Panel - EIS Key Basic Information:**
 - Buttons: Used, Disabled
 - Table of keys (Key 1 to Key 8) with hex values and checkboxes.
 - Buttons: Get
 - Checklist:
 - Initialized
 - Personalized
 - TP cleared
 - Activated
 - Dealer EIS
 - FBS4
- Right Panel:** Vertical stack of buttons: 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, Check EIS Status.
- Dialog Box:** A modal window titled 'CGMB' with the text 'Erase password calculated successfully!' and a '确定' (OK) button.
- Bottom Status Bar:** A green progress bar and the text 'Erase password calculated successfully!'.

Click to wipe the lock (EIS)

The screenshot shows the CGMB software interface with the following components:

- Navigation Bar:** Mileage Repair, GateWay R/W, Wiring Diagram, Online Store.
- Left Sidebar:** EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, ELV.
- EIS Basic Information:**
 - SSID: 58 44 B6 12
 - VIN: [Input field]
 - EIS number: 2115451408
 - Mileage: 0 KM
 - The last key used: 1
 - The penultimate used: Unused
 - Buttons: Write, Allow Modify
- EIS Key Basic Information:**

Key	Hex	Used	Disabled
Key 1	E3 5F CF 2A B0 4B 4B E6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	D3 88 9E F8 B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	08 15 35 0D 51 08 F4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	41 87 3D 04 AC 59 39 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	6D 98 00 E3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

 - Key password: 03 A7 86 E3 A5 96 21 E7
 - Special key: 46 5D 68 42 96 51 77 FB
 - Erase password: 91 40 3E A3 E2 68 4D 10
 - Buttons: Copy, Paste, Get
 - Enable Password: [Input field]
 - Checkboxes: Initialized, Personalized, TP cleared, Activated, Dealer EIS, FBS4
- Right Panel (Buttons):** Read EIS Data, Save EIS Data, Load EIS Data, Write EIS Data, **Wipe the EIS** (highlighted), Clear TP Protection, Activate EIS, Disable, Enable, Sync W204 ELV, Check EIS Status.
- Status Bar:** Erase password calculated successfully!

Please insert the IR adapter into the EIS within 30 seconds.

CGMB

Mileage Repair GateWay R/W Wiring Diagram Online Store

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

EIS Basic Information

SSID: 58 44 B6 12

VIN:

EIS number: 2115451408

Mileage: 0 KM

The last key used: 1

The penultimate used: Unused

EIS Key Basic Information

Key	Hex	Used	Disabled
Key 1	E3	<input type="checkbox"/>	<input type="checkbox"/>
Key 2	D3	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	0B	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	41	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	8D 98 D0 E3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

Enable Password

Initialized Personalized

TP cleared Activated

Dealer EIS FBS4

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

Erasing the EIS...

EIS erased successfully

The screenshot shows the CGMB software interface with the following components:

- Top Bar:** CGMB logo, navigation tabs (Mileage Repair, GateWay R/W, Wiring Diagram, Online Store), and system icons (signal strength, battery, time, and window controls).
- Left Sidebar:** A vertical menu with icons and labels for EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, and ELV.
- Main Content Area:**
 - EIS Basic Information:** Fields for SSID (58-44-B6-12), VIN, EIS number (2115451408), Mileage (0 KM), The last key used (1), and The penultimate used (Unused). Includes a 'Write' button and an 'Allow Modify' toggle.
 - EIS Key Basic Information:** A table of 8 keys with their hex values and status checkboxes. A 'Get' button is present.
- Right Panel:** A vertical stack of buttons: 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, and Check EIS Status.
- Center Dialog:** A 'CGMB' dialog box with the text 'Erase the EIS success!' and a '确定' (OK) button.
- Status Bar:** A green bar at the bottom with the text 'Erase the EIS success!'.

Read the EIS and see the current state

CGMB

Mileage Repair GateWay R/W Wiring Diagram Online Store

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

EIS Basic Information

SSID: 58 44 B6 12 VIN:

EIS number: 2115451408 Mileage: 0 KM The last key used: 1 The penultimate used: Unused

EIS Key Basic Information

	Used	Disabled
Key 1: E3 5F CF 2A B0 4E 4E B6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2: D3 88 9E FE B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3: 0B 15 35 0D 51 08 E4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4: 41 87 3D 04 AC 99 39 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 5: 22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6: 1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7: 6D 98 30 E9 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8: 74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

Key password:

Special key:

Erase password:

Enable Password:

Initialized Personalized
 TP cleared Activated
 Dealer EIS FBS4

Erase password calculated successfully!

The EIS has been wiped out

CGMB

Mileage Repair GateWay R/W Wiring Diagram Online Store

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

EIS Basic Information

SSID: 58 44 B6 12 VIN: [redacted]

EIS number: 2115451408 Mileage: 0 KM The last key used: 1 The penultimate used: Unused

EIS Key Basic Information

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

Key password: [redacted]

Special key: 91 40 3E A3 E2 68 4D 10

Erase password:

Enable Password:

Initialized Personalized
 TP cleared Activated
 Dealer EIS FBS4

Read success!

5. Click on the load EIS data saved before with the password.

The screenshot displays the CGMB software interface with the following components:

- Navigation Bar:** Mileage Repair, GateWay R/W, Wiring Diagram, Online Store.
- Left Sidebar:** EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, ELV.
- EIS Basic Information:**
 - SSID: 58 44 B6 12
 - VIN: [Redacted]
 - EIS number: 2115451408
 - Mileage: 0 KM
 - The last key used: 1
 - The penultimate used: Unused
 - Buttons: Write, Allow Modify.
- EIS Key Basic Information:**

Key	Hex	Used	Disabled
Key 1	E3 5F CF 2A B0 4E 4E B8	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 2	D3 88 9E F9 B6 99 58 6D	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 3	08 15 35 0D 51 08 E4 B1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 4	41 87 3D 04 AC 59 39 46	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 5	22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 6	1E 1B E5 97 DD 88 47 6A	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 7	6D 98 D0 E3 FB 26 25 46	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input checked="" type="checkbox"/>

 - Key password: [Redacted] (Buttons: Copy, Paste)
 - Special key: 91 40 3E A3 E2 68 4D 10
 - Erase password: [Redacted] (Button: Get)
 - Enable Password: [Redacted] (Button: Get)
 - Options: Initialized, Personalized, TP cleared, Activated, Dealer EIS, FBS4
- Right Panel (Buttons):** Read EIS Data, Save EIS Data, **Load EIS Data** (highlighted), Write EIS Data, Wipe the EIS, Clear TP Protection, Activate EIS, Disable, Enable, Sync W204 ELV, Check EIS Status.
- Status Bar:** Read success!

Loaded successfully

CGMB

Mileage Repair GateWay R/W Wiring Diagram Online Store

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

EIS Basic Information

SSID: 58 44 B6 12 VIN: [] Write [] Allow Modify []

EIS number: [] Mileage: [] The last key used: 1 The penultimate used: Unused

EIS Key Basic Information

	Used	Disabled
Key 1: E3 5F CF 2A B0 4B 4B E6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2: D3 88 9E F8 B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3: 0B 15 35 0D 51 08 E4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4: 41 87 3D 04 AC 59 39 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 5: 22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6: 1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7: 8D 98 00 E3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8: 74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

Key password: 03 A7 86 E3 A5 96 21 B7 Copy Paste

Special key: 46 5D 88 42 96 51 77 FB

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

Check EIS Status

Read success!

View the key position (key position is 1) and copy the track code

The screenshot shows the CGMB software interface. The top navigation bar includes 'Mileage Repair', 'GateWay R/W', 'Wiring Diagram', and 'Online Store'. The left sidebar contains icons for 'EIS', 'Read/Write Key', 'Compute Password', 'Generate EE', 'Auto Computer', and 'ELV'. The main area is titled 'Key Basic Information' and displays the following data:

- SSID: 58 44 B6 12
- Available times: 181381
- Times used: 15248
- Key password: 03 A7 86 E3 A5 96 21 87
- Position: 1 (highlighted with a red box)
- State: 14EC Used
- Version: 51
- Track code: A9 5D 5D 67 F5 9B 28 BB (highlighted with a red box)

Below the key information is a hex dump table:

-----	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7
00000000	00	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	00	.	.	.	.	.	.	.	.
00000020	00	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	00	.	.	.	.	.	.	.	.
00000040	00	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	00	.	.	.	.	.	.	.	.
00000060	00	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	00	.	.	.	.	.	.	.	.
00000080	00	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	00	.	.	.	.	.	.	.	.

On the right side, the 'Interface' section has radio buttons for 'Infrared' (selected) and 'NEC Adapter'. Below it are buttons for 'Read Key/Chip', 'Reset', 'Open/Write', 'Current Hash', and 'Save BE File'. The bottom status bar shows 'Welcome!'.

6. Click "Allow data modification".

The screenshot displays the CGMB software interface with the following components:

- Top Bar:** CGMB logo, navigation tabs (Mileage Repair, GateWay R/W, Wiring Diagram, Online Store), and system icons (Wi-Fi, battery, time, etc.).
- Left Sidebar:** A vertical menu with icons and labels: EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, and ELV.
- Main Content Area:**
 - EIS Basic Information:** Fields for SSID (58 44 B6 12), VIN (with a Write button), EIS number, Mileage, The last key used (1), and The penultimate used (Unused). A green "Allow Modify" button is highlighted with a red border.
 - EIS Key Basic Information:** A table of keys with columns for key ID, hex code, and status (Used/Disabled).

Key	Hex Code	Used	Disabled
Key 1	E3 5F CF 2A B0 4B 4B E6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	D3 88 9E F8 B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	0B 15 35 0D 51 08 E4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	41 87 3D 04 AC 59 39 49	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	8D 98 D0 E3 FB 26 25 49	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>
 - Key Configuration:** Fields for Key password (03 A7 86 E3 A5 96 21 B7), Special key (46 5D 88 42 96 51 77 FB), Erase password (with Get button), and Enable Password (with Get button).
 - Key Status:** Checkboxes for Initialized, Personalized, TP cleared, Activated, Dealer EIS, and FBS4.
- Right Sidebar:** A vertical stack of action buttons: 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, and Check EIS Status.

Welcome!

7. Modify the track code of the key position to the track code of the key

The screenshot shows the CGMB software interface with the following sections:

- EIS Basic Information:** Contains fields for SSID (58 44 B6 12), VIN, EIS number, Mileage, The last key used (1), and The penultimate used (Unused). A 'Write' button and an 'Allow Modify' toggle are present.
- EIS Key Basic Information:** A table listing keys 1 through 8 with their track codes and 'Used'/'Disabled' status. Key 1's 'Used' checkbox is checked and highlighted with a red box.
- Key Details:** Fields for Key password (03 A7 88 E3 A5 96 21 67), Special key (46 5D 88 42 96 51 77 FB), Erase password, and Enable Password.
- Configuration:** Checkboxes for Initialized, Personalized, TP cleared, Activated, Dealer EIS, and FBS4.
- Navigation:** A vertical sidebar on the left with buttons for EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, and ELV. A vertical toolbar on the right contains buttons for 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, and Check EIS Status.

Key	Track Code	Used	Disabled
Key 1	A95D5D67F59B28B	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	D3 88 9E F8 B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	0B 15 35 0D 51 08 E4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	41 87 3D 04 AC 59 39 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	6D 98 D0 B3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

8. Write the EIS data

CGMB

Mileage Repair GateWay R/W Wiring Diagram Online Store

EIS

EIS Basic Information

SSID: 58 44 B6 12 VIN: Write

EIS number: Mileage: The last key used: 1 The penultimate used: Unused

EIS Key Basic Information

	Used	Disabled
Key 1: A95D5D67F59B28B	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2: D3 88 9E F8 B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3: 0B 15 35 0D 51 08 E4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4: 41 87 3D 04 AC 59 39 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 5: 22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6: 1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7: 6D 98 D0 E3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8: 74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

Key password: Copy Paste

Special key:

Erase password: Get

Enable Password: Get

Initialized Personalized
 TP cleared Activated
 Dealer EIS FBS4

Write EIS Data

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

Welcome!

It is recommended to write the vehicle identification number first, then write the lock data.

The screenshot shows the CGMB software interface. The top navigation bar includes 'Mileage Repair', 'GateWay R/W', 'Wiring Diagram', and 'Online Store'. The main area is divided into two sections: 'EIS Basic Information' and 'EIS Key Basic Information'. A dialog box is overlaid on the 'EIS Key Basic Information' section, displaying a suggestion to write the VIN first before writing the EIS data.

EIS Basic Information

SSID	VIN	Write	Allow Modify
58 44 B6 12			
EIS number	Mileage	The last key used	1
		The penultimate used	Unused

EIS Key Basic Information

Key 1	A95D5		
Key 2	D3 8		
Key 3	0B 1		
Key 4	41 8		
Key 5	22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	6D 98 D0 B3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

Dialog Box:

CGMB

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

确定 取消

Checkboxes:

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

Right Side Buttons:

- 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
- Check EIS Status

Left Side Sidebar:

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

Welcome!

Please insert the IR adapter into the lock within 30 seconds.

CGMB Mileage Repair GateWay R/W Wiring Diagram Online Store

EIS Basic Information

SSID: 58 44 B6 12 VIN: [] Write Allow Modify

EIS number: [] Mileage: [] The last key used: 1 The penultimate used: Unused

EIS Key Basic Information

Used Disabled

Key 1: A9 Key 2: D3 Key 3: 0B Key 4: 41

Key 5: 22 CE 75 C4 2F E7 3A 59 Key 6: 1E 1B E5 97 DD 68 47 6A Key 7: 6D 98 D0 E3 FB 26 25 4E Key 8: 74 52 9A FD 77 93 32 05

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

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
Check EIS Status

Writing EIS data ...

Write lock data successfully

The screenshot shows the CGMB software interface with the following components:

- Top Bar:** Mileage Repair, GateWay R/W, Wiring Diagram, Online Store.
- Left Sidebar:** EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, ELV.
- EIS Basic Information:** SSID (58 44 B6 12), VIN, EIS number, Mileage, The last key used (1), The penultimate used (Unused). Includes a 'Write' button and an 'Allow Modify' toggle.
- EIS Key Basic Information:** A table with 8 keys, each with a hex ID and a 'Used' status. Includes a 'Get' button and a list of checked options: Initialized, Personalized, TP cleared, Activated, Dealer EIS, and FBS4.
- Right Panel:** A vertical stack of buttons: 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, Check EIS Status.
- Dialog Box:** A 'CGMB' dialog box with the text 'Write EIS data success!' and a '确定' (OK) button.
- Status Bar:** A message at the bottom left reads 'Write EIS data success!'.

Key	ID	Used	Disabled
Key 1	A9	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	D3	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	0B	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	41	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	22 CE 75 C4 2F ET 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	6D 98 D0 B3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

Read lock EIS data to see current lock status

The screenshot displays the CGMB software interface. At the top, there are navigation tabs: Mileage Repair, GateWay R/W, Wiring Diagram, and Online Store. The main area is divided into two sections: "EIS Basic Information" and "EIS Key Basic Information".

EIS Basic Information:

- SSID: 58 44 B6 12
- VIN: [Empty field]
- EIS number: [Empty field]
- Mileage: [Empty field]
- The last key used: 1
- The penultimate used: Unused

EIS Key Basic Information:

Key	Hex	Used	Disabled
Key 1	A95D5D67F59B28EB	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	D3 88 9E F8 B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	0B 15 35 0D 51 08 E4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	41 87 3D 04 AC 59 39 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	6D 98 D0 B3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

Additional Information:

- Key password: 03 A7 86 E3 A5 96 21 87
- Special key: 46 5D 88 42 96 51 77 FB
- Erased password: [Empty field]
- Enabled password: [Empty field]
- Checked boxes: Initialized, Personalized, TP cleared, Activated
- Unchecked boxes: Dealer EIS, FBS4

Right Sidebar (Buttons):

- Read EIS Data (highlighted with a red box)
- Save EIS Data
- Load EIS Data
- Write EIS Data
- Wipe the EIS
- Clear TP Protection
- Activate EIS
- Disable / Enable
- Sync W204 ELV
- Check EIS Status

Left Sidebar (Tools):

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

Status Bar: Write EIS data success!

The current EIS is not activated, put the original car key inserted into the lock to learn, and the lock can be activated.

CGMB

Mileage Repair GateWay R/W Wiring Diagram Online Store

EIS

Read/Write Key

Compute Password

Generate EE

Auto Computer

ELV

EIS Basic Information

SSID	VIN	Write	Allow Modify
58 44 B6 12			
EIS number	Mileage	The last key used	Unused
Z115451408	0 KM	The penultimate used	Unused

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

Special key

46 5D 88 42 98 51 77 FB

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

Check EIS Status

Read success!

Insert the key Wait 1-5 seconds, the ELV responds, the EIS activates successfully, and the key learns successfully.

Click on the read lock (IES) data to view the current lock status.

The screenshot displays the CGMB software interface with the following components:

- Navigation Bar:** Mileage Repair, GateWay R/W, Wiring Diagram, Online Store.
- Left Sidebar:** EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, ELV.
- Main Content Area:**
 - EIS Basic Information:** SSID (58 44 B6 12), VIN (with Write button), Allow Modify button, EIS number (2115451408), Mileage (0 KM), The last key used (Unused), The penultimate used (Unused).
 - EIS Key Basic Information:** Table of 8 keys with hex values and status checkboxes (Used/Disabled).

Key	Hex Value	Used	Disabled
Key 1	E3 5F CF 2A D0 4E 4E E6	<input type="checkbox"/>	<input type="checkbox"/>
Key 2	D3 88 9E F8 B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	0B 15 35 0D 51 08 F4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	41 87 3D 04 AC 59 39 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	8D 98 30 E3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 06	<input type="checkbox"/>	<input type="checkbox"/>
 - Key Management:** Key password (Copy/Paste), Special key (46 5D 88 42 96 51 77 FB), Erase password (Get), Enable Password (Get).
 - Status Indicators:** Initialized (checked), Personalized (checked), TP cleared (checked), Activated (unchecked), Dealer EIS (unchecked), FBS4 (unchecked).
- Right Sidebar (Control Buttons):** Read EIS Data (highlighted with a red box), Save EIS Data, Load EIS Data, Write EIS Data, Wipe the EIS, Clear TP Protection, Activate EIS, Disable, Enable, Sync W204 ELV, Check EIS Status.

Read success!

211 lock original key hopping code repaired successfully

The screenshot displays the CGMB software interface with the following components:

- Navigation Bar:** Mileage Repair, GateWay R/W, Wiring Diagram, Online Store.
- Left Sidebar:** EIS, Read/Write Key, Compute Password, Generate EE, Auto Computer, ELV.
- EIS Basic Information:**
 - SSID: 58 44 B6 12
 - VIN: [Redacted]
 - EIS number: 2115451408
 - Mileage: 0 KM
 - The last key used: 1
 - The penultimate used: Unused
 - Buttons: Write, Allow Modify
- EIS Key Basic Information:**

Key	Hex	Used	Disabled
Key 1	58 6D C0 8D 99 88 C8 58	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key 2	D3 88 9E F8 B6 99 58 6D	<input type="checkbox"/>	<input type="checkbox"/>
Key 3	0B 15 35 0D 51 08 F4 B1	<input type="checkbox"/>	<input type="checkbox"/>
Key 4	41 87 3D 04 AC 59 39 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 5	22 CE 75 C4 2F E7 3A 59	<input type="checkbox"/>	<input type="checkbox"/>
Key 6	1E 1B E5 97 DD 68 47 6A	<input type="checkbox"/>	<input type="checkbox"/>
Key 7	8D 98 30 E3 FB 26 25 46	<input type="checkbox"/>	<input type="checkbox"/>
Key 8	74 52 9A FD 77 93 32 05	<input type="checkbox"/>	<input type="checkbox"/>

 - Key password: [Redacted] (Buttons: Copy, Paste)
 - Special key: 46 5D 88 42 96 51 77 FB
 - Erase password: [Redacted] (Button: Get)
 - Enable Password: [Redacted] (Button: Get)
 - Status: Initialized, Personalized, TP cleared, Activated, Dealer EIS, FBS4
- Right Panel:** 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, Check EIS Status.
- Bottom Status:** Read success!

Appendix:

Support the key to read and write, you can directly re-match

K-line EIS do not support this repair method.

