



Erase the TCU

CG-MB

**Remove the car, remove
the TCU, and connect
according to the software
wiring diagram**



Gearbox style



EIS



Read/Write Key



Compute Password



Generate EE



Auto Computer



ELV

Module Information

Number

Serial Number

VIN



Initialized



TP cleared



Personalized



Activated

Transport key

Special key

State

Erase password

Get

Key 1

Key 5

Key 2

Key 6

Key 3

Key 7

Key 4

Key 8

Module

 Type W164 Type W221

TCU

Read

Save File

Load File

Erase

Enter the corresponding operation interface

CGDI-MB OAS 3 19 100

Module Information

Number: [] Serial Number: [] VIN: []

Initialized TP cleared Personalized Activated

Transport key: [] Special key: []

State: [] Erase password: []

Key 1: [] Key 5: []

Key 2: [] Key 6: []

Key 3: [] Key 7: []

Key 4: [] Key 8: []

TCU

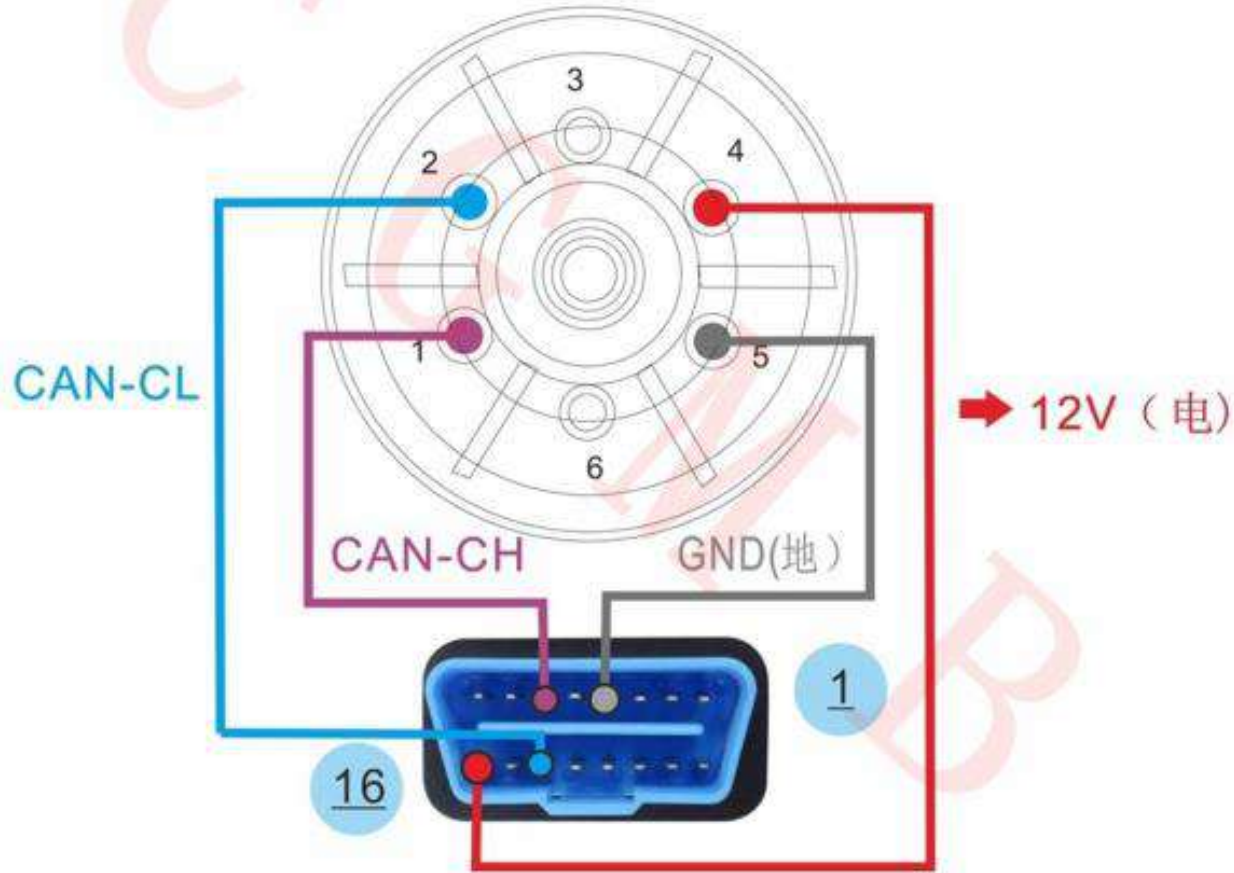
Wiring Diagram
Firmware upgrade
Language
About

Welcome to use!

The image shows a screenshot of the CGDI-MB software interface. The interface is divided into several sections. On the left, there is a vertical sidebar with icons and labels for 'EIS', 'Read/Write Key', 'Compute Password', 'Generate EE', 'Auto Computer', and 'ELV'. The main area is titled 'Module Information' and contains fields for 'Number', 'Serial Number', and 'VIN'. Below these are four status checkboxes: 'Initialized', 'TP cleared', 'Personalized', and 'Activated'. There are also fields for 'Transport key', 'Special key', 'State', and 'Erase password', with a 'Get' button next to the 'Erase password' field. At the bottom of the main area, there are eight key slots labeled 'Key 1' through 'Key 8'. On the right side, there is a 'Module' dropdown menu currently set to 'TCU', and four large buttons: 'Read', 'Save File', 'Load File', and 'Erase'. A red rounded rectangle highlights a dropdown menu that is open, showing options: 'Wiring Diagram', 'Firmware upgrade', 'Language', and 'About'. The 'Wiring Diagram' option is selected and highlighted in blue. The top of the window shows the title 'CGDI-MB' and system information like 'OAS 3', '19', and '100'. At the bottom left, it says 'Welcome to use!'.

Software wiring diagram

电脑板需要外接12V 电源
PC board requires external 12V power supply



TCU

EGS 7G

Software wiring diagram



Physical wiring diagram



EIS



Read/Write Key



Compute Password



Generate EE



Auto Computer



ELV

Module Information

Number: 0335456732 Serial Number: 0004483410 VIN: WDBNG75J96A463588

Initialized TP cleared Personalized Activated

Transport key
C2 E9 01 F0 ED BA 7C 5C

Special key
BA 55 72 5A 03 BD F7 5D

State
00 0F 00 00 01 03 00 00

Erase password

Key 1	E5 11 FF 3C 4E CE 47 2B	Key 5	97 25 B7 B6 48 EA EE C2
Key 2	04 0E 78 27 6B 7D 78 E8	Key 6	5D D0 2A 45 42 28 2E EF
Key 3	7E C4 5A 55 9E 82 7B DD	Key 7	2F 12 F1 8B 3E 2D 64 84
Key 4	D9 9D FD 1C BE B8 08 9E	Key 8	7F E3 E2 52 6A 70 99 AB

Module

Type W164
 Type W221

TCU

Read data success!

Click "read"

CGDI-MB OAS 3 19 108

Module Information

Number	Serial Number	VIN
0335456732	0004483410	WDBNG75J96A463568

Initialized TP cleared Personalized Activated

Transport key: C2 E9 01 F0 ED BA 7C 5C Special key: BA 55 72 5A 03 BD F7 5D

State: 00 0F 00 00 01 03 00 00 Erase password:

Key	Hex Data
Key 1	E5 11 FF 3C 4E CE 47 2B
Key 2	04 0E 78 27 6B 7D 78 E8
Key 3	7E C4 5A 55 9E 82 7B DD
Key 4	D9 9D FD 1C BE B8 08 9E
Key 5	97 25 B7 E6 48 EA EE C2
Key 6	5D D0 2A 45 42 28 2E EF
Key 7	2F 12 F1 8B 3E 2D 64 84
Key 8	7F E3 E2 52 6A 70 99 AB

Module

Type W164
 Type W221

TCU

Read data success!

Gearbox related information

CGDI-MB OAS 3 19 108

Module Information

Number: 0335456732 Serial Number: 0004483410 VIN: WDBNG75J96A463588

Initialized TP cleared Personalized Activated

Transport key Special key

Module

Type W164 Type W221

TCU

Read

Save File

Load File

Erase

Key Data:

Key	Hex Data
Key 1	[Redacted]
Key 2	04 DE 78 27 6B 7D 78 E8
Key 3	7E C4 5A 55 9E 82 7B DD
Key 4	D9 9D FD 1C BE B8 08 9E
Key 5	[Redacted]
Key 6	5D D0 2A 45 42 28 2E EF
Key 7	2F 12 F1 8B 3E 2D 64 84
Key 8	7F E3 E2 52 6A 70 99 AB

Modal Dialog: Benz Monster - Erase password calculated successfully! 确定

Erase password calculated successfully!

Click to get erase password, calculated successfully

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

Module Information

Number: 0335456732 Serial Number: 0004483410 VIN: WDBNG75J96A463588

Initialized TP cleared Personalized Activated

Transport key
C2 E9 01 F0 ED BA 7C 5C

Special key
BA 55 72 5A 03 BD F7 5D

State
00 0F 00 00 01 03 00 00

Erase password
F9 95 B8 60 15 0A 9D 1B

Key 1	E5 11 FF 3C 4E CE 47 2B	Key 5	97 25 B7 B6 48 EA EE C2
Key 2	04 0E 78 27 6B 7D 78 E8	Key 6	5D D0 2A 45 42 28 2E EF
Key 3	7E C4 5A 55 9E 82 7B DD	Key 7	2F 12 F1 8B 3E 2D 64 84
Key 4	D9 9D FD 1C BE B8 08 9E	Key 8	7F E3 E2 52 6A 70 99 AB

Module
 Type W164
 Type W221
 TCU

- Read
- Save File
- Load File
- Erase

Erase password calculated successfully!

Get the password successfully, click "Erase"

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

Module Information

Number: 0335456732
Serial Number: 0004483410
VIN: WDBNG75J96A463588

Initialized TP cleared Personalized Activated

Transport key
C2 E9 01 F0 ED BA 70 5C BA 55 72 5A 03 BD F7 5D

State
00 0F 00 00 01 03 00 00

Key 1: E5 11 FF 3C 4E CE 47 2B 5 48 EA EE C2

Key 2: 04 0E 78 27 6B 7D 78 78 Key 6: 5D DD 24 4F 42 28 2E EF

Key 3: 7E C4 5A 55 9E 82 7B DD Key 7: 2F 12 F1 8B 9E 2D 64 84

Key 4: D9 9D FD 1C BE B8 08 9E Key 8: 7F E3 E2 52 6A 70 99 AB

Module

Type W164
 Type W221

TCU

Read

Save File

Load File

Erase



Erased successfully!

Erased successfully



EIS



Read/Write Key



Compute Password



Generate EE



Auto Computer



ELV

Module Information

Number	Serial Number	VIN
0335456732	0004483410	WDBNG75J96A463588

Initialized
 TP cleared
 Personalized
 Activated

Transport key
C2 E9 01 F0 ED BA 7C 5C

Special key
F9 95 B8 60 15 0A 9D 1B

State
00 13 84 00 01 03 00 00

Erase password

Key 1 E5 11 FF 3C 4E CE 47 2B

Key 5 97 25 B7 E6 48 EA EE C2

Key 2 04 0E 78 27 6B 7D 78 E8

Key 6 5D D0 2A 45 42 28 2E EF

Key 3 7E C4 5A 55 9E 82 7B DD

Key 7 2F 12 F1 8B 3E 2D 64 84

Key 4 D9 9D FD 1C BE B8 08 9E

Key 8 7F E3 E2 52 6A 70 99 AB

Module

Type W164
 Type W221

TCU



Read data success!

Click "Read" again, show it was erased