



CAS 4

Copy key with key

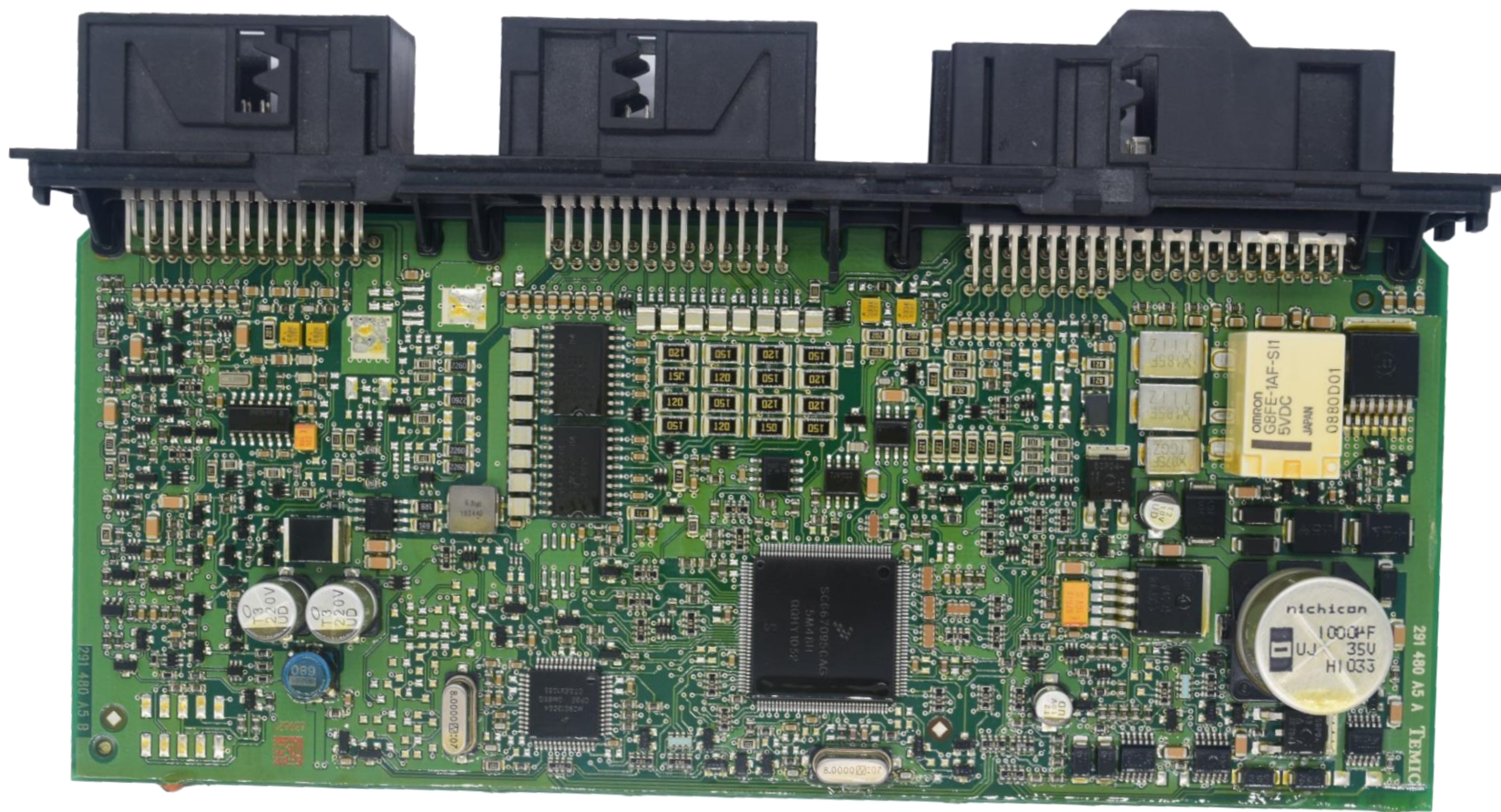
CG-DI

CAS 4 anti-theft buggy key increases, needs to be read to configure the key, read CAS 4 anti-theft data to load data matching keys.

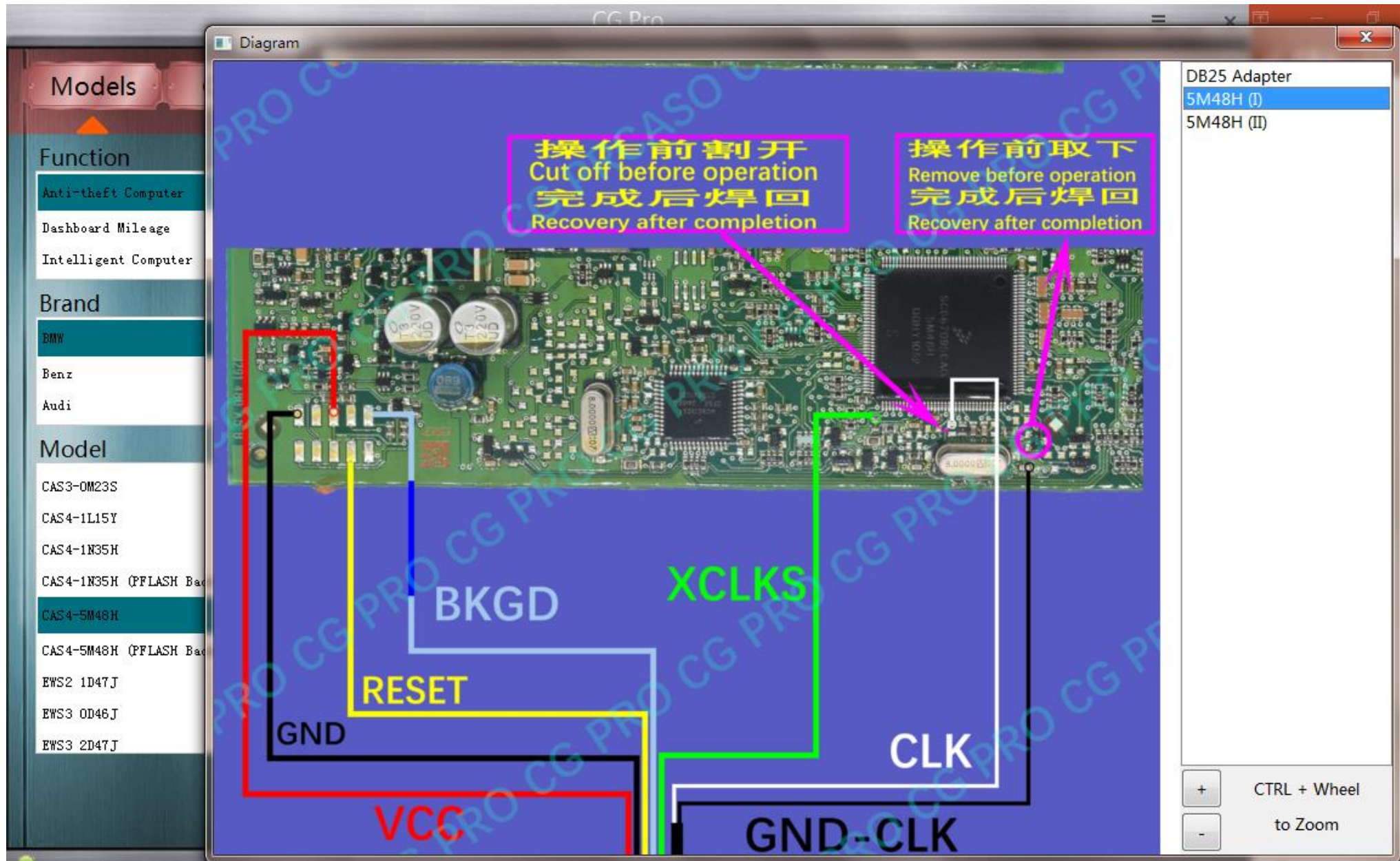
Operating CG-Pro
Read CAS 4 anti-theft data



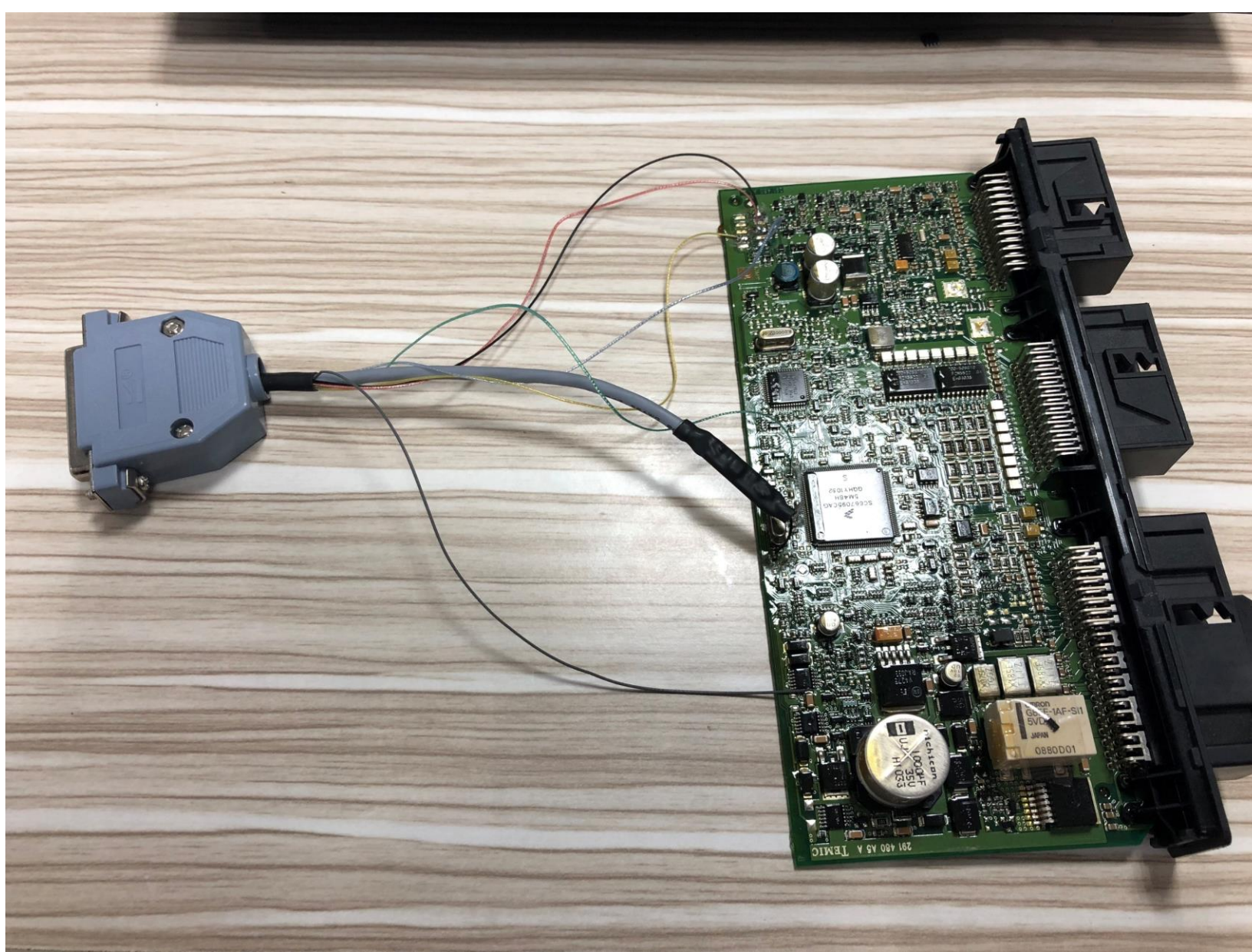
CAS 4+ anti-theft computer module style



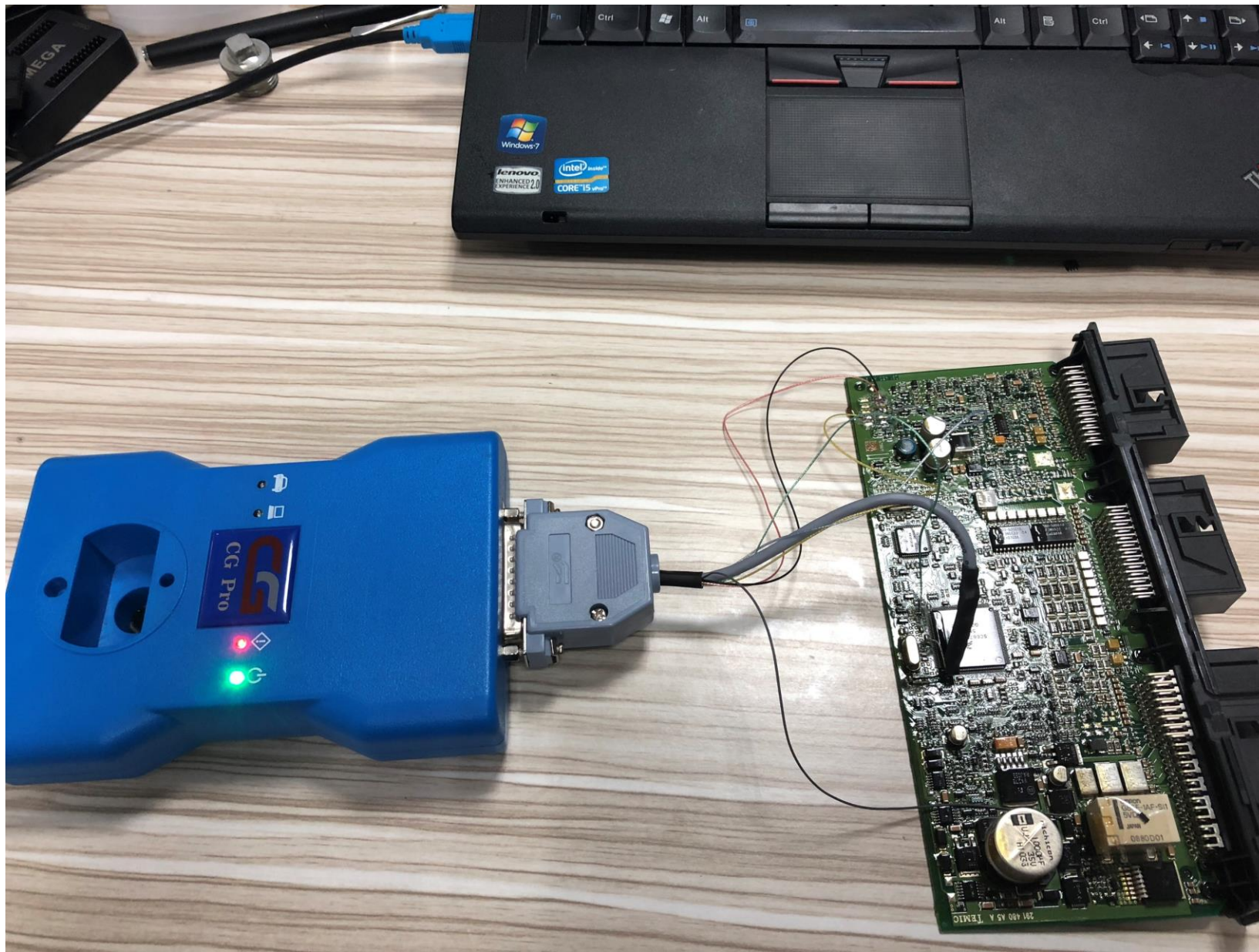
CAS 4 anti-theft computer module



Software physical wiring diagram



Physical connection



Connect to CG-Pro equipment

CG Pro

Models Chips

Function

- Anti-theft Computer
- Dashboard Mileage
- Intelligent Computer

Brand

- BMW
- Benz
- Audi

Model

- CAS3-0M23S
- CAS4-1L15Y
- CAS4-1N35H
- CAS4-1N35H (PFLASH Backup)
- CAS4-5M48H
- CAS4-5M48H (PFLASH Backup)
- EWS2 1D47J
- EWS3 0D46J
- EWS3 2D47J

Diagram Open Save Read Write Erase Partition Decrypt Encrypt

	[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[A]	[B]	[C]	[D]	[E]	[F]	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
00000000	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
000000A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
000000B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
000000C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
000000D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
000000E0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
000000F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000100	80	00	36	00	90	00	00	00	00	00	00	00	00	00	00	00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000110	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000120	FF	FF	80	00	00	00	0A	02	0A	BF	40	AA	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000130	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000140	FF	FF	FF	FF	FF	FF	00	00	80	00	3A	C5	90	AA	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000150	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
00000160	FF	FF	FF	FF	FF	FF	FF	FF	FF	80	00	00	00	00	AA		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

CG Pro

Operation completed!

确定










```
[15:47:53:910] The chip is encrypted, please decrypt and then operate
[15:47:53:931] Performing decryption operation...
[15:48:09:803] Decryption success!
[15:48:09:840] Reading data...
[15:48:16:007] Read success!
[15:48:16:022] Power off...
[15:48:16:039] Operation completed!
```

100%

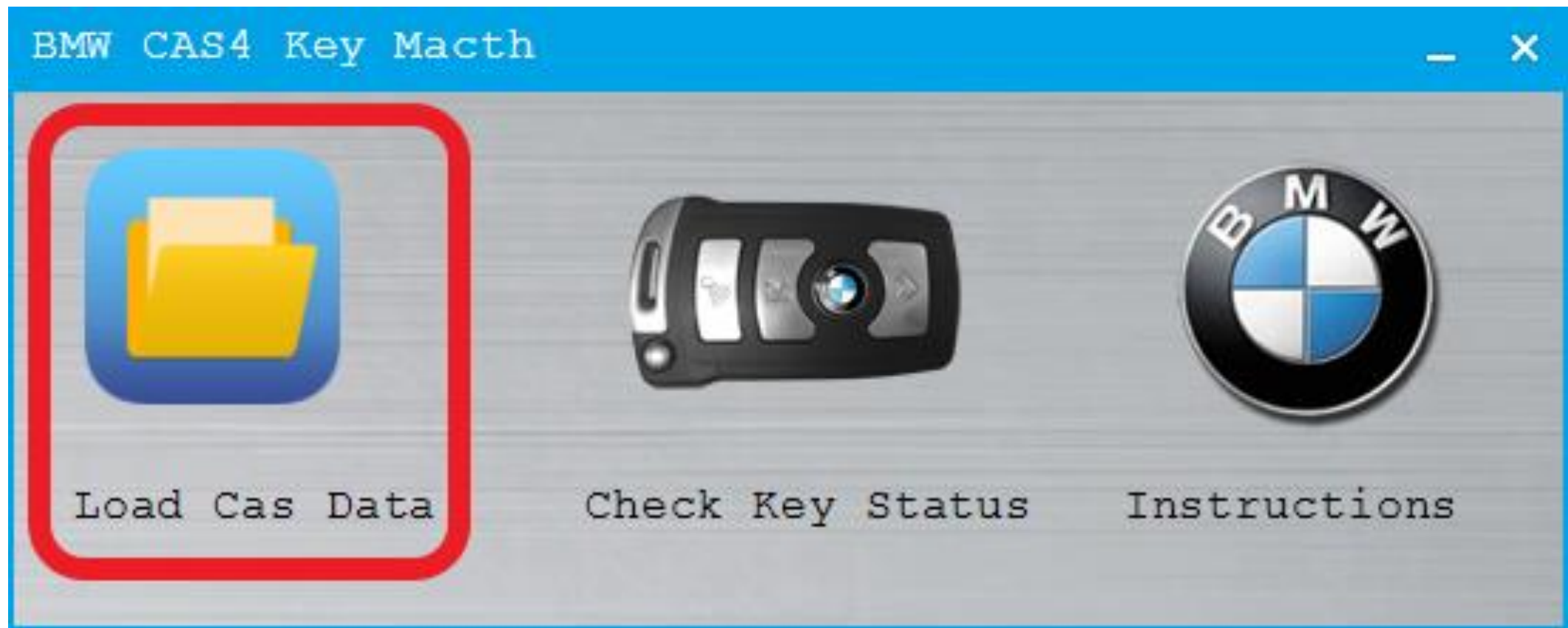
Decrypt successfully and save the data

Operating CG - DI
Match the new key

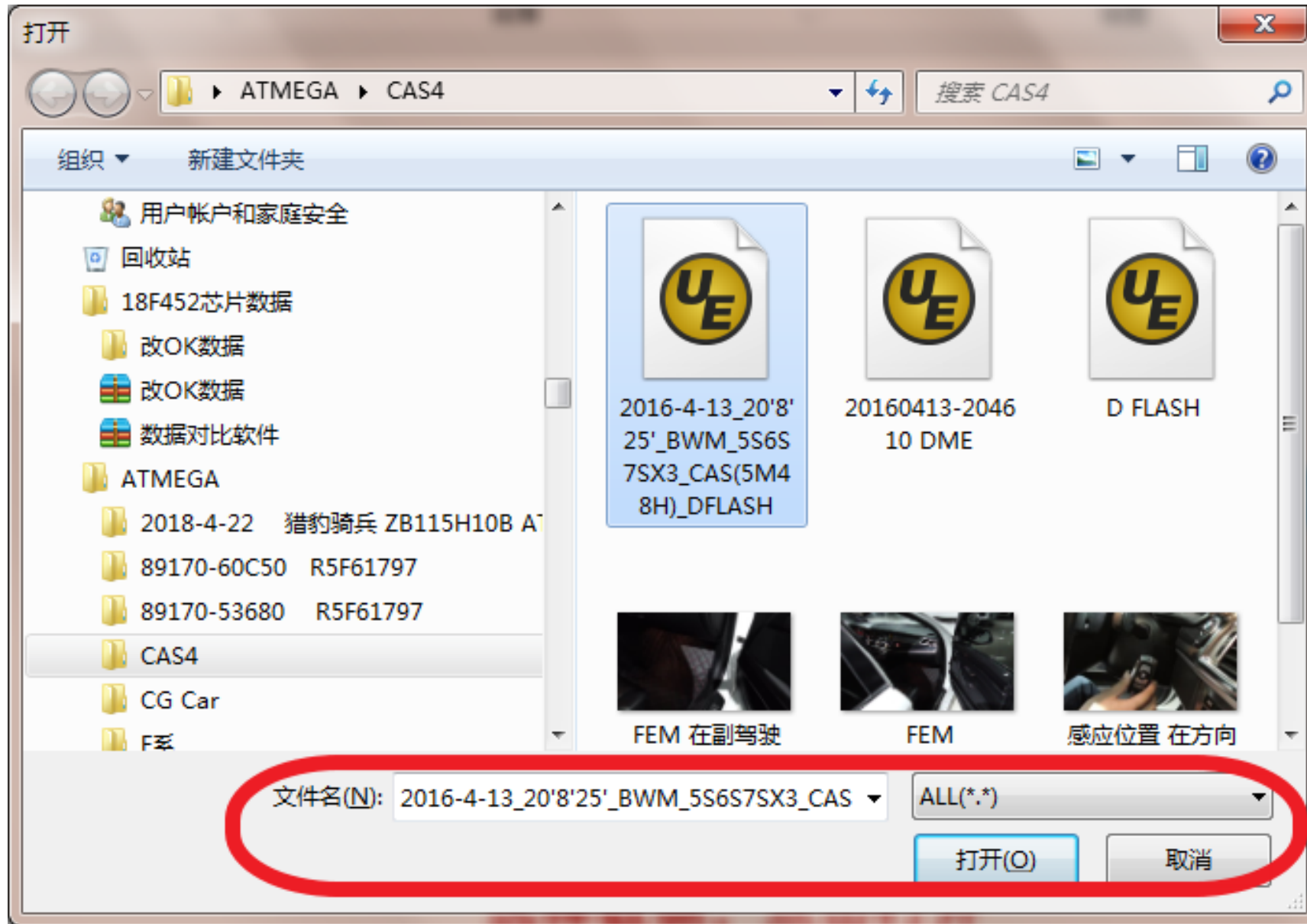
CGDI Device activation time remaining 14 days

 BMW OBD Key Match	 BMW ISN	 BMW ISN
 FEM/BDC Key Match	 CAS4 Key Match	 BMW Enable/Disable key
 BMW F Series Program	 BMW F Series Coding	 EGS ISN

Click on the "CAS4 key match"



Load CAS 4 data read by CG-Pro



Select data and click open

BMW CAS4 Key Macth Feature version:0002

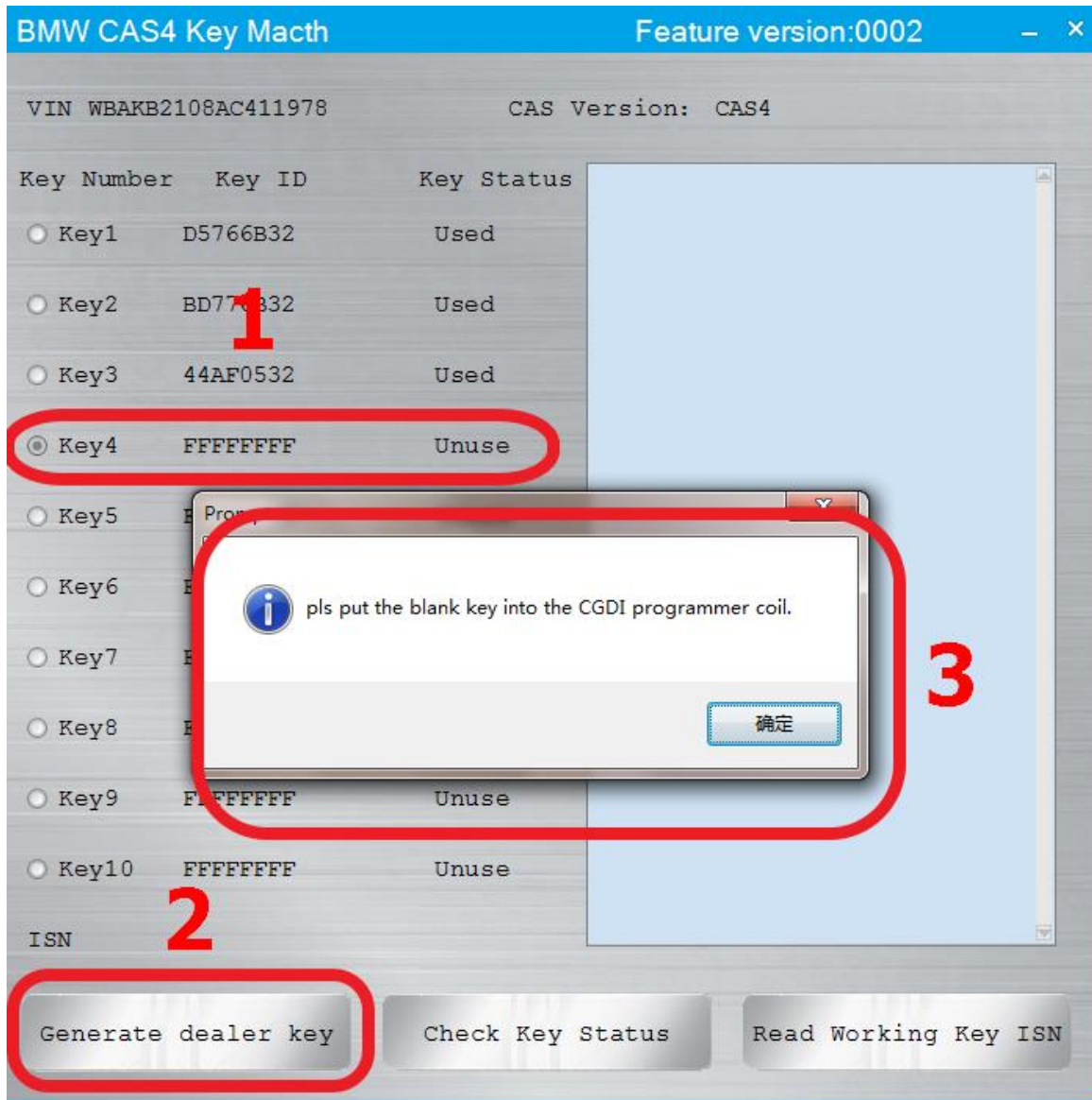
VIN WBAKB2108AC411978 CAS Version: CAS4

Key Number	Key ID	Key Status
<input checked="" type="radio"/> Key1	D5766B32	Used
<input type="radio"/> Key2	BD776B32	Used
<input type="radio"/> Key3	44AF0532	Used
<input type="radio"/> Key4	FFFFFFFF	Unuse
<input type="radio"/> Key5	FFFFFFFF	Unuse
<input type="radio"/> Key6	FFFFFFFF	Unuse
<input type="radio"/> Key7	FFFFFFFF	Unuse
<input type="radio"/> Key8	FFFFFFFF	Unuse
<input type="radio"/> Key9	FFFFFFFF	Unuse
<input type="radio"/> Key10	FFFFFFFF	Unuse

ISN

Generate dealer keyCheck Key StatusRead Working Key ISN

Display relevant information



Select the key position that needs to be configured, click to generate the dealer key, put in the blank key, and determine the next step.

BMW CAS4 Key Macth Feature version:0002

VIN WBAKB2108AC411978 CAS Version: CAS4

Key Number	Key ID	Key Status
<input type="radio"/> Key1	D5766B32	Used
<input type="radio"/> Key2	BD776B32	Used
<input type="radio"/> Key3	44AF0532	Used
<input checked="" type="radio"/> Key4	FFFFFFFF	Unuse
<input type="radio"/> Key5	FFFFFFFF	Unuse
<input type="radio"/> Key6	FFFFFFFF	Unuse
<input type="radio"/> Key7	FFFFFFFF	Unuse
<input type="radio"/> Key8	FFFFFFFF	Unuse
<input type="radio"/> Key9	FFFFFFFF	Unuse
<input type="radio"/> Key10	FFFFFFFF	Unuse

ISN

The key is being program
program key successful

Generate dealer keyCheck Key StatusRead Working Key ISN

New key programming success



After learning, it can be used normally