Benz Immobilizer Manual

(Created Date: 20220302, the content is subject to change with software updates)

1. Introduction to Benz Immobilizer

- 2. Key Adding
 - 2.1 Model Coverage
 - 2.2 Requirements
 - 2.3 Procedure

3. All Keys Lost

- 3.1 Model Coverage
- 3.2 Requirements
- 3.3 Procedure

4. Gearbox Computer Erasing - FBS3

- 4.1 Model Coverage 4.2 Requirements
- 4.3 Procedure

5. Engine Computer Erasing - FBS3

- 5.1 Model Coverage 5.2 Requirements 5.3 Procedure
- 6. EIS Erasing FBS3
 - <u>6.1 Model Coverage</u> <u>6.2 Requirements</u> <u>6.3 Procedure</u>

7. ISM Computer Erasing

7.1 Model Coverage 7.2 Requirements 7.3 Procedure

8. EIS Replacement

8.1 Model Coverage 8.2 Requirements

8.3 Procedure

9. Engine/Gearbox Computer Clone -FBS4

9.1 Model Coverage

9.2 Requirements 9.3 Procedure

1. Introduction to Benz Immobilizer

Support key adding, all keys lost, engine computer erasing, gearbox computer erasing, ISM computer erasing, and EIS replacement for FBS3. Support engine computer clone and gearbox computer clone for FBS4.

2. Key Adding

2.1 Model Coverage

				Key
Series	Model	Year	Chassis	Adding
Benz	А	2005-2011		Supported
Benz	А	2012-2014		Supported
Benz	В	2012-2014		Supported
Benz	В	2005-2011		Supported
Benz	С	2008-2014		Supported
Benz	C	2006-2007	Coupe	Supported
Benz	C	2003-2005		Supported
Benz	С	2001-2002		Supported
Benz	Е	1996-2001		Supported
Benz	Е	2002-2008		Supported
Benz	Е	2009	Saloon car	Supported
Benz	Е	2009	Wagon	Supported
Benz	Е	2009	Coupe	Supported
Benz	Е	2010-2013	212 chassis	Supported
			207	
Benz	Е	2010-2013	chassis	Supported
Benz	S	2006-2013		Supported
Benz	S	1999-2005	Coupe	Supported
Benz	S	1999-2005	Saloon car	Supported
Benz	CLK	1997-2002		Supported
Benz	CLK	2003-2005		Supported

Benz	CLK	2006-2009	Supported
Benz	CLS	2011-2014	Supported
Benz	CLS	2005-2010	Supported
Benz	CL	2006-2013	Supported
Benz	CL	1999-2005	Supported
Benz	SLK/SLC	2011-2014	Supported
Benz	SLK/SLC	2005-2010	Supported
Benz	AMG GT	2010-2014	Supported
Benz	SLS	2010-2014	Supported
Benz	M/ML/GLE	2006-2008	Supported
Benz	M/ML/GLE	2009-2011	Supported
Benz	M/ML/GLE	2012-2013	Supported
Benz	GL/GLS	2006-2008	Supported
Benz	GL/GLS	2009-2012	Supported
Benz	GLK	2008-2014	Supported
Benz	R	2006-2008	Supported
Benz	R	2009-2017	Supported
Benz	G	-2015	Supported
Benz	CLA	2013-2014	Supported
Benz	GLA	2013-2014	Supported
Benz			
commercial			
vehicle	Vito & Viano	2009-2014	Supported
Benz			
commercial			
vehicle	Sprinter	2006-2018	Supported

2.2 Requirements

Scheme 1: Launch pad series comprehensive diagnostic equipment + X-431 gIII immobilizer programmer

Scheme 2: Launch X-431 Pro immobilizer matching tool (expert edition) + X-431 gIII immobilizer programmer

2.3 Procedure

The following is key adding for w216 EIS.

1. Click "Anti-theft Password Reading", as shown in the figure below.

15:11 🖬 오 🌝 🛞	
Show Menu	A 🖶 🕞
MERCEDES-BENZ V10.02 > Function Menu	
Anti-Theft Key Matching	Immobilizer Module Replacement
Anti-Theft Password Reading	ECU Erasing

Mercedes-Benz						
	G	G	B	P	Ð	

Figure 2

2. Select the menu according to the actual situation. Here, click "Operation On the Platform", as shown in the figure below.

15:12 🖬 🙎 🗁 🛞		Θ	¥G⊿ 🕯 90%
Show Menu	f		ŀ
MERCEDES-BENZ V10.02 > Operating Environment			
Operation On The Vehicle			
Operation On The Platform			

Mercedes-Benz						
	<u>ک</u>	þ	C.	P	Ð	
Figure 3						

Figure 3

3. Click "Calculate Password by Adding Key", as shown in the figure below.

15:12 🖪 🛛 🖑 🛞						Θ \checkmark	4G 🖊 🗎 90%
Show Menu					f	-	₽
MERCEDES-BENZ V10.02 >	Function Men	1					
Calculate Password By A	Adding Key						
Read The Password Of E	3E Key						
Mercedes-Benz							
	Ę¢	G	E.	P	Ð		



4. Select the corresponding EIS type and there is a corresponding wiring diagram. If the wiring is already connected, click "Automatic Identification", as shown in the figure below.

15:12 🖪 🙎 🌾 🛞	⊖ ⊽ 46⊿ 1 90%
Show Menu	A 🖶 🗗
MERCEDES-BENZ V10.02 > Type	
Automatic Identification	W164 (-2008)
W164 (2009-)	W166
W169	W172
W197	W204
W207	W209
Mercedes-Benz	
6 6	

Figure 5

5. The EIS type is identified. Click OK, as shown in the figure below.

15:12 🗳 🕑 🤟 🛞				⊖ ❤ 46⊿ 🕯 90%
Show Menu			A	ē P
MERCEDES-BENZ V10.02 > Typ	pe			
Automatic Identification		W164 (-2008)		
W164 (2009-)	Inform			
W169	Automatic Identified Type O			
W197	C	Ж		
W207		W209		
Mercedes-Benz				
	ŵ 🗅 🎸		5	



6. Click OK, as shown in the figure below.

15:13 🖬 🛛 또 🛞				Θ	▼4G⊿ 🗎 90%	
Show Menu			f	ē	₽	
MERCEDES-BENZ V10.02 > 1	Гуре					
Automatic Identification	Infor	W164 (-2008)				
W164 (2009-)	Note: 1. This Function Requires Ne Keep The Network Connected					
W169	 Please Strictly Operate Act Avoid Key Code Hopping And 3. After The Function Comple Key Being Inserted Into The E 	2. Please Strictly Operate According To The Prompts To Avoid Key Code Hopping And Unable To Start Vehicle; 3. After The Function Completed, It May Need The Start Key Being Inserted Into The EIS And Pulled Out From The				
W197	EIS For Several Times To Sta	rt Vehicle.	_			
W207	CANCEL	ок				
Mercedes-Benz						
			Ð			

Figure 7

7. The following operations can be repeated for several times. Follow the prompts and click OK, as shown in the figure below.

15:17 🗖 🛛 🤄 🖓 🛞				Θ	▼4G⊿ 🗎 90%
Show Menu			A		P
MERCEDES-BENZ V10.02 > 7	Туре				
Automatic Identification		W164 (-2008)			
W164 (2009-)	Infor	Information			
W169	Insert The Start Key Into The EIS And Remove It From The EIS For 3 Times. Then, Insert It Into The EIS And Click OK.				
W197	(ОК			
W207		W209			
Mercedes-Benz					
			•		

Figure 8

8. After inserting the key into the infrared key hole, click OK, as shown in the figure below.

15:18 🖬 오 🖖 (第)							Θ	❤4G⊿ 🕯 90%
Show Menu						f	Ē	P
MERCEDES-BENZ V10.02 >	Туре							
Automatic Identification		W164 (-2	2008)					
W164 (2009-)		Inform	nation					
	Remove The Start	Kev From 1	The FIS Inse	ert It Into The				
W169	Infrared Key Hole							
					_			
W197		0	Ж					
W207			W209					
Mercedes-Benz								
	ŵ 6	G	B	P	€			

Figure 9

9.	Click OK	after following	the prompts,	as shown in the	figure below.
----	----------	-----------------	--------------	-----------------	---------------

15:18 🗔 🛛 🖑 🛞				Θ \checkmark	4G⊿ 🗎 90%
Show Menu			A		P
MERCEDES-BENZ V10.02 >	Туре				
Automatic Identification		W164 (-2008)			
W164 (2009-)	Infor	mation			
	Insert The Start Key Into The EIS And Remove It From The				
W169	EIS For 3 Times. Then, Insert It Into The EIS And Click OK.				
W197		ок			
W207		W209			
Mercedes-Benz					

Figure 10

10. Click OK after following the prompts, as shown in the figure below.

15:19 🗔 🛛 🖑 🛞							Θ	🕶 4G 🔟 🗎 90%
Show Menu						f	Ē	P
MERCEDES-BENZ V10.02 >	Туре							
Automatic Identification	W164 (·	⁻ 2008)						
W164 (2009-)		Inf	ormation					
W104 (2005)	Turn The Start Key To On Position, And Observe If The							
W169 Instrument Panel Is Illuminated At The Same Time. If It Is Unable To Turn To On Position Or The Instrument Panel Is Not Illuminated, Please Try Repeatedly Till It Is Successful, And Then Click <ok> Button.</ok>				nel Is				
W197	ок							
W207			W209					
Mercedes-Benz								
	<u>ل</u>	G		P	Ð			

Figure 11

11. After inserting the key into the infrared key hole, click OK, as shown in the figure below.

15:20 🖬 🛛 🖓 🛞						Θ	¥G 📕 🗎 90%
Show Menu					ft -	ē	P
MERCEDES-BENZ V10.02 >	Туре						
Automatic Identification		W164 (-2008)				
W164 (2009-)	Information						
	Remove The Start Key	v From The FIS In	sert It Into The	- 8			
W169			ogrammer, And Click OK.				
				_			
W197		ОК					
W207		W209					
W207		VV209					
Mercedes-Benz							
			P	Ð			



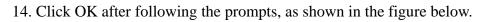
12. Collecting password calculation data...as shown in the figure below.

15:20 🖬 堅 🤄 🛞							Θ	46 90%	
Show Menu						f		P	
MERCEDES-BENZ V10.02 >	Туре								
Automatic Identification			W164 (-2	.008)					
W164 (2009-)	N	otes							
W169	С	Collecting Password Calculation Data, Connecting 1 Packet Data,Please Wait. It Takes 5-10 Minutes. Please Wait And Operate As Prompted.							
W197		END S	ESSION						
W207			W209						
Mercedes-Benz									
	ŵ	6		P	Ð				

Figure 13

15:22 🖬 🛛 🌝 🤄							Θ	▼4G∠ 🗎	90%
Show Menu						f	Ē	ŀ	
MERCEDES-BENZ V10.02 > 1	Гуре								
Automatic Identification			W164 (-2	2008)					
W164 (2009-)		Inforr	nation						
W169		nove It From IS And Click							
W197		C	к						
W207			W209						
Mercedes-Benz									
	ά C	6		P	Ð				
Figure 14									

13. Click OK after following the prompts, as shown in the figure below.



15:22 🖬 🔮 🖓 🛞							Θ	4G 90	%
Show Menu						f	ē	P	
MERCEDES-BENZ V10.02 >	Туре								
Automatic Identification			W16	54 (-2008)					
W164 (2009-)			Information						
W104 (2009-)	Turn The Start Key To On Position, And Observe If The Instrument Panel Is Illuminated At The Same Time. If It Is								
W169	Unable To Turn To On Position Or The Instrument Panel Is Not Illuminated, Please Try Repeatedly Till It Is Successful, And Then Click <ok> Button.</ok>								
W197	ок								
W207			W20)9					
Mercedes-Benz									
	۲	G	B	P	Ð				

Figure 15

15:23 🖬 💇 ୰ (ݞ)									
Show Menu					A	ē	ŀ		
MERCEDES-BENZ V10.02 > 1	Туре								
Automatic Identification			W164 (-200	8)					
W164 (2009-)		N	otes						
W169	C	Networking To Upload Data, Please Wait							
W197		END S	ESSION						
W207			W209						
Mercedes-Benz									
	ل	6	<u></u>						
	Figure 16								

15. Networking to upload data...as shown in the figure below.

16. After the password is calculated, take screenshots or take pictures, and then click OK, as shown in the figure below.

15:23 🖬 🙎 🖖 (婆)				⊝ ▼ 46⊿ Î 90%		
Show Menu			f	ē P		
MERCEDES-BENZ V10.02 > 1	Туре					
Automatic Identification		W164 (-2008)				
W164 (2009-)	Infor	Information				
W169	The Password Of Key Is Succ Key Password Is:2					
W197	C	Ж				
W207		W209				
Mercedes-Benz						
	ŵ 🖸 🎸	l) 🔽 🛨)			

Figure 17

17. Click Yes, as shown in the figure below.

15:23 🖬 🙎 🖖 (第)				⊖ ❤4G⊿ 🕯 90%
Show Menu			f	
MERCEDES-BENZ V10.02 > 1	Туре			
Automatic Identification		W164 (-2008)		
W164 (2009-)	Info	mation		
W169	Do You Want To Back Up Th Passwords?	e Module Data Containing Key		
W197	NO	YES		
W207		W209		
Mercedes-Benz				

Figure 18

15:25 🖪 🛛 🖓 🔅 🕞 💎4G🖌 🗎 89% Show Menu ē P ♠ Automatic Identification W164 (-2008) Information W164 (2009-) Backup Module Data Succeeded ! The Path Of Saving File Is:/storage/emulated/0/cnlaunch/ X431Pro/988770001084/DIAGNOSTIC/ImmoData/ W169 IMMO_BENZ/EIS/ReadData/164newpasswords.bin W197 οк W207 W209 Mercedes-Benz þ C. ۲ P Ð

18. After the file is named and saved, click OK, as shown in the figure below.

Figure 19

19. Go back to the initial page and click "Anti-theft Key Matching", as shown in the figure below.

15:27 🖪 🛛 또 🛞							
Show Menu							
MERCEDES-BENZ V10.02 > Function Menu							
Anti-Theft Key Matching	Immobilizer Module Replacement						
Anti-Theft Password Reading	ECU Erasing						

Mercedes-Benz				
	G	P	€)	



20. Click "Generate BE Key File", as shown in the figure below.

15:27 🙎 🖖 (第)	○ ❤4G▲ 189%
Show Menu	A 🖶 🕞
MERCEDES-BENZ V10.02 > Function Menu	
Read Key Data	Generate BE Key File
Completely Erase BE Key	Write Key File



Figure 21

21. Click OK, as shown in the figure below.

15:27 🖬 👤 ひ (第)							Θ	▼4G⊿ 🕯 89%
Show Menu						f	Ē	ŀ
MERCEDES-BENZ V10.02 > F	Function Menu							
Read Key Data			Genera	te BE Key F	ile			
Completely Erase BE Key		In	formation					
		ion Requires N Connected.	etworking, Plea	ase Make Su	ire The			
		ок						
Mercedes-Benz								
	€	G	B	P	ſ			

Figure 22

22. Click OK, as shown in the figure below.

15:27 🖬 🙎 🖖 🛞					Θ \blacklozenge	4G 🖌 🗎 89%
Show Menu				A		ŀ
MERCEDES-BENZ V10.02 > Fu	nction Menu					
Read Key Data		Generate BE Key File				
Completely Erase BE Key	Infor	Information				
	Choose The Module Data Fi	le.				
			_			
	c	ж				
			_			
Mercedes-Benz						
	ŵ 🖸 🔞		Ð			

Figure 23

23. Select the file where the calculated password is saved, and click OK, as shown in the figure below.

15:27 🖬 🗵 🤟 🛞				Θ	▼4G⊿ 🕯 89%
Choose File			f	Ē	F
/storage/emulated/0/cnlaur 164newpasswords.bin	nch/X431Pro/988770001084/	DIAGNOSTIC/ImmoData/IN	IMO_BENZ	/EIS/Rea	dData/
A Back to Up Page	Inform	nation			
Home					
164newpasswords.bin	Selected File Is:164newpass	vords.bin			
164newpassword.bin	CANCEL	ОК			
		_			
C	К	CAI	NCEL		
)		

Figure 24

24. After confirming the password, click OK, as shown in the figure below.

15:28 🖬 🧕 🌝 🏵					⊖ ▼4G⊿ 🕯 89%
Key Password				1	
Please Input 16-digit Password Of The Key :	2				
Mercedes-Benz					Confirm
G	þ	E.	P	€)	
		Eigung 25			

Figure 25

25. Click OK, as shown in the figure below.

15:28 🖬 🛛 🌝					Θ	4G 🖌 🖥 89%
Key Information				f		ŀ
MERCEDES-BENZ V10.0	2 > Key Information					
Key Position	Status		Status			
The Last Use Key Bit	Key Position 3					
The Last But One Use Key Bit	Key Position 6					
Key 1	Used		Not Disabled			
Key 2	Unused		Not Disabled			
Key 3	Used		Not Disabled			
		ОК				
Mercedes-Benz						
	۵ ۲	H	S S			

Figure 26

26. Click OK, as shown in the figure below.

15:28 🗔 오 ৬ 🛞			⊖ ▼ 46 ⊿ Î 89 %	
Key Information			A 🖻 F	
MERCEDES-BENZ V10.0	2 > Key Information			
Key Position	Status	Status		
The Last Use Key Bit	Ker Desition 0			
	Information			
The Last But One Use Key Bit	Ke Choose The Key Bit That Needs To Gener	Choose The Key Bit That Needs To Generate The Key File.		
Key 1	Us			
Key 2	Un OK			
Key 3	Used	Not Disabled		
	ОК			
Mercedes-Benz				
	6 E	9		

Figure 27

27. Select according to your needs. Here, select "Key 6" and then click OK, as shown in the figure below.

15:28 🖬 🙎 🖑 🛞			⊖ ❤4G⊿ 🗎 89%
Show Menu			↑ ₽
MERCEDES-BENZ V10.02 > 0	Choose Key Bit		
Key 1		Key 2	
Key 3	Inforr	nation	
Key 5	It Is About To Generate Key6 Continue The Next Step Or Cl	Key File. Click OK To ick Cancel To Choose Again.	
Key 7	CANCEL	ОК	
All Key Bits			
Mercedes-Benz			
		S 🖸 🕤	

Figure 28

28. Networking to generate a key file...as shown in the figure below.

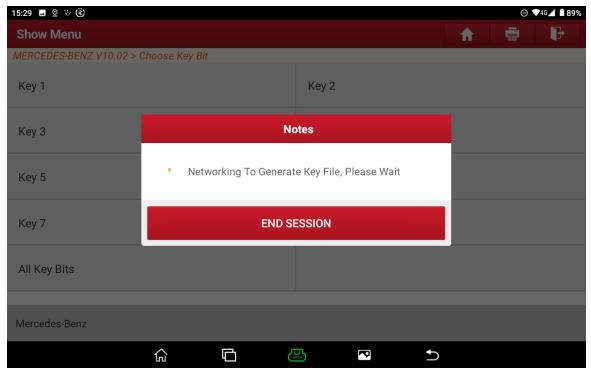


Figure 29

29. The key file is successfully generated. Write down the file name and click OK, as shown in the figure below.

15:29 🖬 🛛 🖑 🛞					⊖ ▼4	G🚄 🗎 89%
Show Menu					ē	F
MERCEDES-BENZ V10.02 > 0	Choose Key Bit					
Key 1		Key 2				
Key 3	Infor	nation				
	Key File Successfully Genera	ted !				
Key 5	The Path Of Saving File Is:/si X431Pro/988770001084/DIA IMMO_BENZ/KEYFILE/\	GNOSTIC/ImmoData/	n/			
Key 7	(Ж				
All Key Bits						
Mercedes-Benz						
	ŵ © (Ð			

Figure 30

30. Select according to your needs. Here, click No, as shown in the figure below.

15:29 🖬 🔍 🌝 🛞				⊖ ❤4G⊿ 🗎 89%		
Show Menu			A	ēP		
MERCEDES-BENZ V10.02 > Ch	oose Key Bit					
Key 1		Key 2				
Key 3	Inform	Information				
Key 5	Do You Want To Continue To	Generate The Key File?				
Key 7	NO	YES				
All Key Bits						
Mercedes-Benz						
	6 C C		€			

Figure 31

31. Go back to the immobilizer key matching page and click "Completely Erase BE Key", as shown in the figure below.

15:29 🖬 🛛 🌝 🛞	⊖ ▼46∡ 🕯 89%
Show Menu	A 🖶 🗗
MERCEDES-BENZ V10.02 > Function Menu	
Read Key Data	Generate BE Key File
Completely Erase BE Key	Write Key File

Mercedes-Benz						
	ធ្	þ	B	P	ſ	

Figure 32

32. After operating according to the prompt, click OK, as shown in the figure below.

15:29 🖪 🛛 🌝 🥵							Θ	🟹4G 📕 🗎 89%
Show Menu						A		F
MERCEDES-BENZ V10.02 > F	unction Menu							
Read Key Data			Generat	e BE Key F	File			
Completely Erase BE Key		Inf	ormation					
	Please Insert The Key Into The Hole Of Programmer IR Key, And Then Click <ok>.</ok>							
			ОК					
Mercedes-Benz								
	<u>ل</u>	G	B	P	Ð			

Figure 33

33. Click Yes, as shown in the figure below.

15:30 🖬 🙎 🖖 🛞							Θ	❤4G⊿ 🕯 89%
Show Menu						f	Ē	P
MERCEDES-BENZ V10.02 > Fo	unction Menu							
Read Key Data			Generat	e BE Key File				
Completely Erase BE Key		Inf	ormation					
	Do You Wa	ant To Erase Th	ie Key?					,
		NO		YES				
Mercedes-Benz								
	ふ	Ģ		8	Ð			

Figure 34

34. Key erasing is successful. Click OK, as shown in the figure below.

15:30 🖬 🛛 🤄 🖓							Θ	4G 📕 🗎 89%
Show Menu						f	Ē	P
MERCEDES-BENZ V10.02 > Fu	nction Menu							
Read Key Data			Generat	e BE Key File				
Completely Erase BE Key		Inf	ormation					
	Successful	lly Erased The I	Key.					
			ок					
Mercedes-Benz								
		G	B	P	Ð			

Figure 35

35. Go back to the immobilizer key matching page and click "Write Key File", as shown in the figure below.

15:30 🖪 💇 🌝 🛞	○ \$\Phi 46 \$\alphi\$ \$\$89%
Show Menu	A 🖶 🗗
MERCEDES-BENZ V10.02 > Function Menu	
Read Key Data	Generate BE Key File
Completely Erase BE Key	Write Key File

Mercedes-Benz						
	<u>ل</u>	þ	B	P	Ð	

Figure 36

36. After operating according to the prompt, click OK, as shown in the figure below.

15:30 🖪 오 또 🛞							Θ	🕶 4G 🖌 🗎 89%
Show Menu						A		P
MERCEDES-BENZ V10.02 > F	unction Menu							
Read Key Data			Generat	e BE Key Fil	е			
Completely Erase BE Key		Inf	ormation					
	Please Insert The Blank BE Key Into The Hole Of Programmer IR Key, And Then Click <ok>.</ok>							
			ок					
Mercedes-Benz								
	ک	G	(VCI)	P	Ð			

Figure 37

37. Click OK, as shown in the figure below.

15:31 🗖 🛛 🤟 🛞					Θ	74G 📕 🖬 89%
Show Menu				A	ē	P
MERCEDES-BENZ V10.02 > Fu	nction Menu					
Read Key Data		Generate BE Key File				
Completely Erase BE Key	Information					
	Please Select The Key File To	o Be Written.	- 1			
			_			
	0	к				
Mercedes-Benz						
	G G		Ð			
		• •				

Figure 38

38. Select the BE key file just generated and click OK, as shown in the figure below.

15:31 🖪 💇 ୰ (8) ⊙ 📢	4 🗎 89%
Choose File	Þ
/storage/emulated/0/cnlaunch/X431Pro/988770001084/DIAGNOSTIC/ImmoData/IMMO_BENZ/KEYFILE/	
∧ Back to Up Page	
Home	
Key6_V51.bin	
OK CANCEL	

Figure 39

39. Click OK, as shown in the figure below.

15:31 🖃 🕑 🌾 (婆)				⊖ ▼4	G🚄 🗎 89%
Choose File			A		P
/storage/emulated/0/cnlaun	ch/X431Pro/988770001084	I/DIAGNOSTIC/ImmoDat	a/IMMO_BENZ	/KEYFILE/	
A Back to Up Page					
	Infor	mation			
Home	Selected File Is:				
Key6_V51.t					
	CANCEL	ок			
OI	ĸ		CANCEL		
	ŵ 🖻 (◆		

Figure 40

40. The key file is written successfully. Click OK to complete the matching, as shown in the figure below.

15:31 🖬 🙎 🌝 (第)			Θ \checkmark	4G📕 🗎 89%
Choose File		f		P
/storage/emulated/0/cnlau	nch/X431Pro/988770001084/DIAGNOSTIC/ImmoData/IMM Key6_V51.bin	IO_BENZ	/KEYFILE/	,
	Information			
Home	Writing Key File Succeeded ! Please Insert The Key Into The EIS, Check If The Key Can			
Key6_V51	Start The Vehicle And The Function Of Remote Control Is Normal Or Not.			
	ОК			
	ОК САНС	CEL		

Figure 41

3. All Keys Lost

3.1 Model Coverage

				All Keys
Series	Model	Year	Chassis	Lost
Benz	А	2012-2014		Supported
Benz	В	2012-2014		Supported
Benz	С	2008-2014		Supported
Benz	Е	2009	Saloon car	Supported
Benz	Е	2009	Coupe	Supported
Benz	Е	2010-2013	212 chassis	Supported
Benz	Е	2010-2013	207 chassis	Supported
Benz	SLK/SLC	2011-2014		Supported
Benz	AMG GT	2010-2014		Supported
Benz	SLS	2010-2014		Supported
Benz	M/ML/GLE	2012-2013		Supported
Benz	GLK	2008-2014		Supported
Benz	CLA	2013-2014		Supported
Benz	GLA	2013-2014		Supported

3.2 Requirements

Scheme 1: Launch pad series comprehensive diagnostic equipment + X-431 gIII immobilizer programmer

Scheme 2: Launch X-431 Pro immobilizer matching tool (expert edition) + X-431 gIII immobilizer programmer

3.3 Procedure

The following are 204 EIS operations (all keys lost).

1. After accessing the Benz immobilizer software, click "Anti-theft Password Reading", as shown in the figure below.

09:47 🖪 😳 (\$)	© •⊡ 😪 🖨 51%
Show Menu	A 🖶 🕞
MERCEDES-BENZ V10.04 > Function Menu	
Anti-Theft Key Matching	Immobilizer Module Replacement
Anti-Theft Password Reading	ECU Erasing

Mercedes-Benz							
	<u>ج</u>	ſ	B	P	1		



2. Select the menu according to the actual situation. Here, click "Operation On the Platform", as shown in the figure below.

09:47 🖪 🤟 🛞		ଡ଼ 🕩 🗣 🔏 🖥 51%
Show Menu	f	i P
MERCEDES-BENZ V10.04 > Operating Environment		
Operation On The Vehicle		
Operation On The Platform		

Mercedes-Benz					
	G	G	B	P	€

Figure 3

3. Click "(Quick) Calculate Password By Losing All Keys", as shown in the figure below.

09:47 🖪 V 🛞		◊ 🕩 😪∠ 🕯 51%
Show Menu	f	F C
MERCEDES-BENZ V10.04 > Function Menu		
Calculate Password By Adding Key		
(Quick) Calculate Password By Losing All Keys		
Read The Password Of BE Key		

Mercedes-Benz					
	<u>ک</u>	þ	P	Ð	

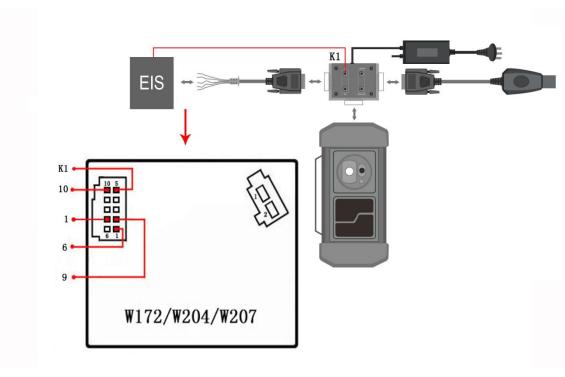
Figure 4

4. Click W204, as shown in the figure below.

09:48 🖪 ৬ 🛞	0 🕂 🗣 🖉 51%
Show Menu	
MERCEDES-BENZ V10.04 > Type	
W166	W172
W197	W204
W207	W212
W218	W246

Mercedes-Benz				
	<u>ل</u>	G	P	1

Figure 5



5. Connect according to the wiring diagram, make sure that communication is

possible, and click OK, as shown in the figure below.

Figure 6

6. When the automatically-identified EIS type is inconsistent with the currently-selected EIS type, check whether the EIS type is correct and whether the EIS connection and communication are normal. This prompt will not appear under normal circumstances, as shown in the figure below.

Information

Automatic Identified Type Of This EIS Is:Unknown Currently You Selected EIS Type Is:W204 It Is Inconsistent With The Automatic Identified Type, Do You Want To Continue?



Figure 7

7. The following is the prompt under normal circumstances. Select Bluetooth or wired connection to connect the communication connector according to your needs. The default is Bluetooth, and then click OK, as shown in the figure below.

Information

Warm Prompt:

It Is Recommended That The Communication Connector Be Connected In Wired Mode To Speed Up Password Calculation.



8. After understanding the precautions, click OK, as shown in the figure below.

Information

Note:

1. This Function Requires Network Connection, Please Keep The Network Connected All The Time;

2. Please Connect The Device, Programmer And Benz IR Key Simulator In Sequence;

3. Please Operate By Strictly Following The Prompts, And Do NOT Disconnect In The Process.



Figure 9

9. Click OK after following the prompts, as shown in the figure below.

Information

Please Confirm That The EIS Has Disconnected With ELV, And Then Click <OK> Button.



Figure 10

10. After operating according to the prompt, it will be executed automatically, as shown in the figure below.

Notes

Please Insert Benz IR Key Simulator Into The EIS. If It Is Already Inserted, Please Pull Out And Then Insert Again .

END SESSION

Figure 11

11. Collecting data...as shown in the figure below.

1

Notes

Collecting Password Calculation Data, Connecting 1 Packet Data, Please Wait.

It Takes 5-10 Minutes. Please Wait And Operate As Prompted.

END SESSION

Figure 12

12. After operating according to the prompt, click OK, as shown in the figure below.

Information

Pull The Benz Infrared Key Simulator Out Of The EIS And Click OK.



13. Networking to upload data...as shown in figure below.

Notes



Networking To Upload Data, Please Wait

END SESSION

Figure 14

14. After the password is calculated, take screenshots or take pictures, and then click OK, as shown in the figure below.

Information

The Password Of Key Is Successfully Calculated, And The Key Password Is:587893339E



15. Click Yes, as shown in the figure below.

Information

Do You Want To Back Up The Module Data Containing Key Passwords?





16. After the file is named and saved, click OK, as shown in the figure below.

Information

Backup Module Data Succeeded ! The Path Of Saving File Is:/storage/emulated/0/cnlaunch/ X431Pro/988770001319/DIAGNOSTIC/ImmoData/ IMMO_BENZ/EIS/ReadData/w204passwords.bin



17. Go back to the initial page and click "Anti-theft Key Matching", as shown in the figure below.

09:47 🖪 😳 🛞	ତ 🕕 😪 🖬 51%
Show Menu	
MERCEDES-BENZ V10.04 > Function Menu	
Anti-Theft Key Matching	Immobilizer Module Replacement
Anti-Theft Password Reading	ECU Erasing

Mercedes-Benz							
	ធ៌	þ	B	R	Ð		
							

Figure 18

18. Click "Generate BE Key File", as shown in the figure below.

09:57 🖪 🥲 🛞	• 🗣 🎝 🔒 50%
Show Menu	A 🖶 🕑
MERCEDES-BENZ V10.04 > Function Menu	
Read Key Data	Generate BE Key File
Completely Erase BE Key	Write Key File

Mercedes-Benz						
	ŝ	þ		P	Ð	



19. Click OK, as shown in the figure below.

09:58 🖬 🖖 (婆)							0	🗣 🖓 🔒 50%
Show Menu						f		P
MERCEDES-BENZ V10.04 > F	unction Mer	าน						
Read Key Data			Gene	erate BE Key F	ile			
Completely Erase BE Key			Information					
	This Fur Network	nction Requires Is Connected	s Networking, F	Please Make S	ure The			
			ОК					
Mercedes-Benz								
	ធ៌	þ	æ	P	♪			

Figure 20

20. Click OK, as shown in the figure below.

09:58 🗳 🤟 🛞							0	ᢏ∠} 🗎 50%
Show Menu						f	ē	P
MERCEDES-BENZ V10.04 > Fu	nction Menu							
Read Key Data			Generat	e BE Key File				
Completely Erase BE Key		Information						
	Choose The	Module Data F	ile.					
	_				_			
			ок					
Mercedes-Benz								
	ŵ	6	B	P	Ð			

Figure 21

21. Select the file where the calculated password is saved, and click OK, as shown in the figure below.

09:58 🖬 🖖 ())			@ ᢏ∠ 🔒 50%
Choose File			A ē P
/storage/emulated/0/cnlar w204passwords.bin	unch/X431Pro/988770001319/DIA	GNOSTIC/ImmoData/IMM	10_BENZ/EIS/ReadData/
A Back to Up Page			
Home	Informatio		
w204passwords.bin	Selected File Is:w204passwords.b		
W204password.bin	CANCEL	ОК	
	ок	CAN	CEL

Figure 22

22. After confirming the password, click OK, as shown in the figure below.

o9:58 ■ ♥ ⑧ Key Password			↑	• • • 2 = 50%
Please Input 16-digit Password Of The Key :	58 78 93 33 98	•		
Mercedes-Benz				Confirm
ŵ				



23. Click OK, as shown in the figure below.

09:59 🖬 🌾 (왕							÷	€⊈ 🖥 50%
Key Information					f		ŀ	
MERCEDES-BENZ V10.0	4 > Key Informati	on						
Key Position	Status			Status				
The Last Use Key Bit	Key Position 3							
Key 1	Unused			Not Disa	bled			
Key 2	Unused			Not Disa	bled			
Key 3	Used			Not Disa	bled			
Key 4	Unused			Not Disa	bled			
ОК								
Mercedes-Benz								
	ŝ	þ	æ	P	ſ			

Figure 24

24. Click OK, as shown in the figure below.

09:59 🖬 및 🛞							Ð	€ 🖓 🖬 50%
Key Information						f		P
MERCEDES-BENZ V10.0	4 > Key Info	rmation						
Key Position	Status			Statu	ıs			
The Last Use Key Bit	Ke	1 ¹ 111 0	Information					
Key 1	Un —— Ch	oose The Key Bit T	hat Needs To G	enerate The	Key File.			
Key 2	Un	-			-			
Key 3	Us		ОК					
Key 4	Unused			Not D	isabled			
			ОК					
Mercedes-Benz								
		G		P	Ð			

Figure 25

25. Select according to your needs. Here, select "Key 6" and then click OK, as shown in the figure below.

09:59 🖬 🖖 🛞					0	🕼 🖬 50%
Show Menu				f	ē	P
MERCEDES-BENZ V10.04 >	Choose Key Bit					
Key 1		Key 2				
Key 3	Inforr	nation				
	It Is About To Generate Key6	Key File. Click OK To				
Key 5	Continue The Next Step Or Cl	ick Cancel To Choose	Again.			
Key 7	CANCEL	ОК				
All Key Bits						
Mercedes-Benz						
	ŵ 🗗 🕹	S	Ð			



26. Networking to generate a key file...as shown in the figure below.

09:59 🖬 또 🛞					0	× 🖌 🖬 50%
Show Menu				f	ē	P
MERCEDES-BENZ V10.04 > Choose	e Key Bit					
Key 1		Key 2				
Key 3	N	otes				
Key 5	Networking To Generat	te Key File, Please Wait				
Key 7	END S	ESSION				
All Key Bits						
Mercedes-Benz						
Ġ	6		€			

Figure 27

27. The key file is successfully generated. Write down the file name and click OK, as shown in the figure below.

10:00 🗳 🖑 🛞					÷	🗣 🔏 🗎 50%
Show Menu				f	ē	P
MERCEDES-BENZ V10.04 > (Choose Key Bit					
Key 1		Key 2				
Key 3	Infor	mation				
	Key File Successfully Genera					
Key 5	The Path Of Saving File Is:/s X431Pro/988770001319/DIA IMMO_BENZ/KEYFILE/WDB2	GNOSTIC/ImmoData/	ch/			
Kou 7						
Key 7		Ж				
All Key Bits						
Mercedes-Benz						
			Ð			

Figure 28

28	Select according to	vour needs	Here	click No :	as shown	in the	figure	helow
20.	Select according to	your needs.		CHER INO, a	as shown	III the	inguie	DEIUw.

16:13 ৬ 🛞				◊ 🕕 🕵 🖓 🕯 44%
Show Menu			A	ē P
MERCEDES-BENZ V10.04 > C	hoose Key Bit			
Key 1		Key 2		
Key 3	Inforn	nation		
Key 5	Do You Want To Continue To	Generate The Key File?		
Key 7	NO	YES		
All Key Bits				
Mercedes-Benz				
	6 E &		Ð	

Figure 29

29. Go back to the immobilizer key matching page. The BE key can be written without erasing. Click "Write Key File", as shown in the figure below.

09:57 🖪 🖖 🛞	•• 🖘 🖉 50%
Show Menu	A 🖶 🗗
MERCEDES-BENZ V10.04 > Function Menu	
Read Key Data	Generate BE Key File
Completely Erase BE Key	Write Key File

Mercedes-Benz					
	G	þ	B	P	



30. After operating according to the prompt, click OK, as shown in the figure below.

10:00 🗳 🤟 🛞							÷	ᢏ∠} 🗎 50%
Show Menu						f	ē	ŀ
MERCEDES-BENZ V10.04 > F	Function Menu							
Read Key Data			Genera	ite BE Key Fi	le			
Completely Erase BE Key		In	formation					
			3E Key Into The Then Click <oi< td=""><td></td><td></td><td></td><td></td><td></td></oi<>					
			ОК					
Mercedes-Benz								
	ل	þ	B	ß	Ð			

Figure 31

31. Click OK, as shown in the figure below.

10:00 🖬 🖖 🛞							0	ᢏ∠} 🕯 50%
Show Menu						A	Ē	P
MERCEDES-BENZ V10.04 > Fu	nction Menu							
Read Key Data			Generat	e BE Key File				
Completely Erase BE Key		Info	ormation					
	Please Sele	ect The Key File	To Be Writter	٦.				
					_			
			ок					
Mercedes-Benz								
	<u>ل</u>	G	B	R	Ð			

Figure 32

32. Select the BE key file just generated and click OK, as shown in the figure below.

	Choose File
1MO_BENZ/KEYFILE/	/storage/emulated/0/cnlaunch/X431Pro/988770001319/DIAGNOSTI WDB20400000000000/BD9DA64D_Key6_V51.bin
	∧ Back to Up Page
	Rome
	BD9DA64D_Key6_V51.bin

ОК			CANCEL	
ſ		2	◆	

Figure 33

33. Click OK, as shown in the figure below.

10:01 🕳 또 ())			0	
Choose File		f		P
/storage/emulated/0/cnlaur WDB20400000000000/BD9	nch/X431Pro/988770001319/DIAGNOSTIC/ImmoData/IMI DA64D_Key6_V51.bin	MO_BENZ	Z/KEYFILE	/
∧ Back to Up Page				
	Information			
Home				
BD9DA64D_Key6_V51.	Selected File Is:BD9DA64D_Key6_V51.bin			
	CANCEL			
	CAN CAN	ICEL		

Figure 34

34. The key file is written successfully. Click OK to complete the matching, as shown in the figure below.

10:01 ■ ♥ ⑧ Choose File		• * 2 • 50%
/storage/emulated/0/cnlau WDB20400000000000/BD9	nch/X431Pro/988770001319/DIAGNOSTIC/ImmoData/IN IDA64D_Key6_V51.bin	/MO_BENZ/KEYFILE/
∧ Back to Up Page	Information	
Home BD9DA64D_Key6_V51	Writing Key File Succeeded ! Please Insert The Key Into The EIS, Check If The Key Can Start The Vehicle And The Function Of Remote Control Is Normal Or Not.	
	ок	
	ОК СА	NCEL
)

Figure 35

4. Gearbox Computer Erasing

4.1 Model Coverage

Gearbox (VGS-NAG2)
Gearbox
(VGS2-NAG2)
Gearbox
(VGS3-NAG2)

4.2 Requirements

Scheme 1: Launch pad series comprehensive diagnostic equipment + X-431 gIII immobilizer programmer

Scheme 2: Launch X-431 Pro immobilizer matching tool (expert edition) + X-431 gIII immobilizer programmer

4.3 Procedure

The following is about vgs3 nag2 erasing.

1. Click "ECU Erasing", as shown in the figure below.

17:33 🖪 🗕 또 🛞	ଡି \ominus 😪 46🖋 🕯 81				
Show Menu					
MERCEDES-BENZ V10.02 > Function Menu					
Anti-Theft Key Matching	Immobilizer Module Replacement				
Anti-Theft Password Reading	ECU Erasing				

Mercedes-Benz						
	ŵ	þ	E	P	Ð	
			Figure 2			

2. Click "Transmission Control Unit (TCU)", as shown in the figure below.

17:33 🗖 🙎 🖖 🛞	ଡ଼ ⊖ 😪 46 % 🕯 81%
Show Menu	
MERCEDES-BENZ V10.02 > Immobilizer	
Electronic Ignition System (EIS)	
Engine Control Unit	
Transmission Control Unit (TCU)	

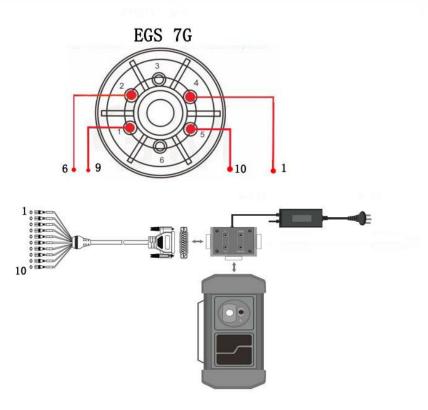
Mercedes-Benz						
	ŝ	þ		P	Ð	
			Figure 3			

3. Click "Wiring Diagram", as shown in the figure below.

17:33 🖬 🛛 🌝 🔅		0 0 9	₽ 4G 🎽 🖥 81%
Show Menu	^		ŀ
MERCEDES-BENZ V10.02 > Function Menu			
Wiring Diagram	Read Module Data		
Load Data File	Completely Erase Module		

Mercedes-Benz						
	G	þ	B	P	€)	
			Figure 4			

4. After removing the module and connecting it according to the wiring diagram, click OK, as shown in the figure below.





5. Click "Completely Erase Module", as shown in the figure below.

17:34 👱 🖖 🛞	ତ ⊙ 😪 46 ⁴ ⊿ 🛱 81%
Show Menu	A 🖶 🕞
MERCEDES-BENZ V10.02 > Function Menu	
Wiring Diagram	Read Module Data
Load Data File	Completely Erase Module

Mercedes-Benz						
	ک	þ	B	P	€	
			Figure 6			

6. Click OK, as shown in the figure below.

17:35 🖬 🙎 🖓 🛞				ଡ଼⊖ 😪 4Gʻ≟ 🕯 81%
Show Menu			A	ē
MERCEDES-BENZ V10.02 >	Function Menu			
Wiring Diagram		Read Module Data		
Load Data File	Info	rmation		
	Network Is Connected; 2. This Function Does Not S	working, Please Make Sure The Support Operating In Vehicle, e And Perform On The Platform. OK		
Mercedes-Benz				
)	

Figure 7

7. The gearbox information before erasing is displayed. Click OK to start erasing, as shown in the figure below.

17:36 🗖 🙎 ৬ 🛞	⊖ 🐨 46″⊿ 🕯 81%				
Module Information	↑				
MERCEDES-BENZ V10.02 > Module Information					
Name	Corresponding Value				
Initialized	Yes				
TP Cleared	Yes				
Personalized	Yes				
Activated	Yes				
Key 1	D5D1B700CCD5EF5E				
ОК					
Mercedes-Benz					
	F ¹				



8. Choose whether to back up data according to your needs. Click "NO" here, as shown in the figure below.

17:37 🖬 🙎 ৬ 🛞							Θ	46 🗹 🗎 81%
Module Information						f	ē	P
MERCEDES-BENZ V10.02 > M	odule Information							
Name		Correspond	ding Value					
Initialized		Yes						
		Informa	ation					
TP Cleared								
Personalized	Do You Want To Backup Module Data?							
					-			
Activated								
	NO			YES				
Key 1					_			
					_			
		OK	×					
Mercedes-Benz								
	ά D			P	Ð			

Figure 9

9. Click "YES", as shown in the figure below.

17:41 오 ৬ 🛞						Θ	≩ 4G≝ Î 819	6
Module Information						ē	P	
MERCEDES-BENZ V10.02 > Me	odule Information							
Name		Corresponding	g Value					
Initialized		Yes						
		Informatio	n					
TP Cleared								
Personalized	Do You Want To E Click <yes> Butto</yes>	o Exit.						
Activated								
Key 1	NO		YES					
		OK			_	_	_	
		OK						j
Mercedes-Benz								
	<u>م</u>		P	ſ				

Figure 10

10. Erasing...as shown in the figure below.

17:41 🖬 🛛 🤟 🛞								Θ	₽4G % 🗋 81 %
Module Information							f	ē	P
MERCEDES-BENZ V10.02 > I	Module I	nformation							
Name			Correspon	ding Valu	е				
Initialized			Yes						
TP Cleared			Not	es					
Personalized	1	Frasing Module In Progress, Please Wait							
Activated			END SES	SSION					
Kov 1									
Key 1			D2D1B100	CCDSEFS					
			Ok	<					
Mercedes-Benz									
	ŝ	þ		3	P	Ð			

Figure 11

11. The erasing is successful and the activation status is No. Click OK to complete the erasing, as shown in the figure below.

17:42 🖬 🙎 ৬ 🛞	⊙ 😪 46≦∕ 🖬 81%						
Module Information	🔒 👘 👘						
MERCEDES-BENZ V10.02 > Module Information							
Name	Corresponding Value						
Initialized	Yes						
TP Cleared	Yes						
Personalized	No						
Activated	No						
Key 1	D5D1B700CCD5EF5E						
	ОК						
Mercedes-Benz							
<u>ش</u>							

Figure 12

5. Engine Computer Erasing

5.1 Model Coverage

Engine (CR3.xx)
Engine (SIM266)
Engine (ME9.7)
Engine (MED17.7.x)
Engine (SIM271DE2.0)
Engine (SIM271KE2.0)
Engine (CR4.xx)
Engine (CR5.xx)
Engine (CR6.xx)
Engine (CR60.xx)
Engine (CRD.11)
Engine (CRD2.xx)
Engine (CRD3.xx)
Engine (ME2.8.1)

5.2 Requirements

Scheme 1: Launch pad series comprehensive diagnostic equipment + X-431 gIII immobilizer programmer

Scheme 2: Launch X-431 Pro immobilizer matching tool (expert edition) + X-431 gIII immobilizer programmer

5.3 Procedure

The following is about me9.7 engine computer erasing.

1. Click "ECU Erasing", as shown in the figure below.



Mercedes-Benz						
	ß	D	E.	P	Ð	

Figure 2 2. Click "Engine Control Unit", as shown in the figure below.

17:33 🖪 🙎 😳 🔅		ଡ଼⊖ 😪 46 🚰 🕯 81%
Show Menu	f	
MERCEDES-BENZ V10.02 > Immobilizer		
Electronic Ignition System (EIS)		
Engine Control Unit		
Transmission Control Unit (TCU)		

Mercedes-Benz						
	G	þ	B	P	Ð	
			Figure 3			

3. Click "Wiring Diagram", as shown in the figure below.

17:33 🖬 오 🤟 🛞		00	24G 🗹 🗎 81%
Show Menu	^		P
MERCEDES-BENZ V10.02 > Function Menu			
Wiring Diagram	Read Module Data		
Load Data File	Completely Erase Module		

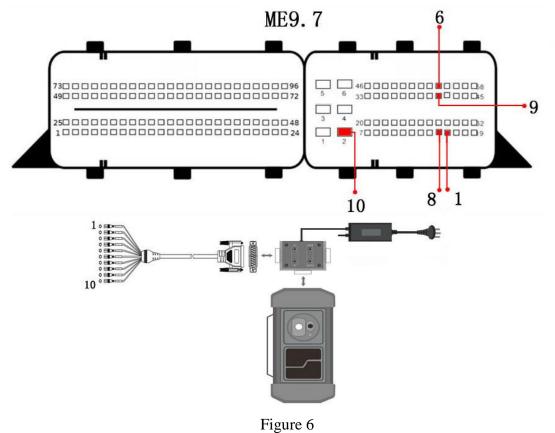
Mercedes-Benz						
	<u>ل</u> م	þ	B	P	ſ	
			Figure 4			

4. Click "ME9.7", as shown in the figure below.

17:33 🖪 🙎 🌾 🛞	ତ ⊖ 😪 46″ 🖬 81%
Show Menu	A 🖶 🗗
MERCEDES-BENZ V10.02 > Type	
CR3.xx	ME9.7
MED17.7.x	SIM271DE2.0
SIM271KE2.0	

Mercedes-Benz						
	ធ្	G	B	P	Ð	
Figure 5						

5. After removing the module and connecting it according to the wiring diagram, click OK, as shown in the figure below.



- l'iguie o
- 6. Click the back icon in the lower navigation bar, as shown in the figure below.

17:34 🖪 🙎 ৬ 🛞	ତ 🕞 😭 46 % କି 81%
Show Menu	A 🖻 🕞
MERCEDES-BENZ V10.02 > Type	
CR3.xx	ME9.7
MED17.7.x	SIM271DE2.0
SIM271KE2.0	

Mercedes-Benz						
	ک	þ	æ	ß	€)	
Figure 7						

7. Click "Completely Erase Module", as shown in the figure below.

17:34 오 ½ 🛞		0 O	😪 4G🗳 🗎 81%
Show Menu	^		P
MERCEDES-BENZ V10.02 > Function Menu			
Wiring Diagram	Read Module Data		
Load Data File	Completely Erase Module		

Mercedes-Benz						
	ک	þ	B	R	ſ	
			Figure 8			

8. Click OK, as shown in the figure below.

17:35 🖬 🙎 🖖 🛞				0 O	46 🖬 🕯 81%
Show Menu			f		P
MERCEDES-BENZ V10.02 >	Function Menu				
Wiring Diagram		Read Module Data			
Load Data File	Info	ormation			
	Network Is Connected; 2. This Function Does Not 3	tworking, Please Make Sure The Support Operating In Vehicle, e And Perform On The Platform OK			
Mercedes-Benz					
	ŵ 🗅		5		

Figure 9

9. The engine information before erasing is displayed. Click OK to start erasing, as shown in the figure below.

17:36 🖬 🙎 🤟 🛞	⊝ 😪 461⁄⊿ 🕯 81%				
Module Information 🔒 📑					
MERCEDES-BENZ V10.02 > Module Information					
Name	Corresponding Value				
Initialized	Yes				
TP Cleared	Yes				
Personalized	Yes				
Activated	Yes				
Key 1	D5D1B700CCD5EF5E				
ОК					
Mercedes-Benz					
Eigung 10					

Figure 10

10. Choose whether to back up data according to your needs. Click "NO" here, as shown in the figure below.

17:37 🖬 🙎 😕 🛞							Θ	46 🖌 🕯 81%
Module Information	nation					f	ē	F
MERCEDES-BENZ V10.02 > Me	odule Information							
Name	Corresponding Value							
Initialized		Yes						
		Inform	ation					
TP Cleared								
Personalized	Do You Want To	Backup Modu	ıle Data?					
Activated								
	NO			YES				
Key 1								
					_			
		Ok						
Mercedes-Benz								
			5	P	Ð			

Figure 11

11. Click "YES", as shown in the figure below.

17:41 🛛 🖓 🛞			⊖ 🗣 4G 🚰 🗎 81 %
Module Information	A	ē	
MERCEDES-BENZ V10.02 > M	odule Information		
Name	Corresponding Value		
Initialized	Yes		
	Information		
TP Cleared			
Personalized	Do You Want To Erase Module ? Click <yes> Button To Erase, Click <no> Button To Exit.</no></yes>		
Activated	NO YES		
Key 1	NO		
	OK		
Mercedes-Benz			
		\supset	

Figure 12

12. Erasing...as shown in the figure below.

17:41 🖬 🙎 🖓 🛞						Θ 🗣	46 🖆 🕄 81%
Module Information					f	Ē	F
MERCEDES-BENZ V10.02 >	Module Information						
Name		Corresponding	/alue				
Initialized		Yes					
TP Cleared		Notes					
Personalized	 Erasing Module In Progress, Please Wait 						
Activated							
		END SESSION					
Key 1		D2D1B700CCD2	EF5E				
		OK					
Mercedes-Benz							
	6 E		P	Ð			



13. The erasing is successful and the activation status is No. Click OK to complete the erasing, as shown in the figure below.

17:42 🖬 🙎 ৬ 🛞	⊙ 😪 46≦∕ 🔒 81%			
Module Information				
MERCEDES-BENZ V10.02 > Module Information				
Name	Corresponding Value			
Initialized	Yes			
TP Cleared	Yes			
Personalized	No			
Activated	Νο			
Key 1	D5D1B700CCD5EF5E			
ОК				
Mercedes-Benz				

Figure 14

6. EIS Erasing

6.1 Model Coverage

W169 EIS supported W204 EIS supported W209 EIS supported W209(K) EIS supported W203(K) EIS supported W210(K) EIS supported W211 EIS supported W212 EIS supported W207 EIS supported W215(K) EIS supported W220(K) EIS supported W209 EIS supported W218 EIS supported W211 EIS supported W216 EIS supported W215(K) EIS supported W172 EIS supported W197 EIS supported W164 EIS supported W164NEW EIS supported W166 EIS supported W1641NEW EIS supported W463 EIS supported W246 EIS supported W639NEW EIS supported W906 EIS supported

6.2 Requirements

Scheme 1: Launch pad series comprehensive diagnostic equipment + X-431 gIII immobilizer programmer

Scheme 2: Launch X-431 Pro immobilizer matching tool (expert edition) + X-431 gIII immobilizer programmer

6.3 Procedure

The following is about the W164 (2009 -) EIS erasing.

1. Click "ECU Erasing", as shown in the figure below.

17:33 🖬 🙎 또 🛞	ତି \ominus 😪 46 🖌 🗎 81%
Show Menu	
MERCEDES-BENZ V10.02 > Function Menu	
Anti-Theft Key Matching	Immobilizer Module Replacement
Anti-Theft Password Reading	ECU Erasing

Mercedes-Benz					
	↓	þ	P	ſ	

Figure 2

2. Click "Electronic Ignition System (EIS)", as shown in the figure below.

17:33 🖪 🙎 😌 🛞	ଡ଼ ⊖ 😪 46 🗳 🕯 81%
Show Menu	
MERCEDES-BENZ V10.02 > Immobilizer	
Electronic Ignition System (EIS)	
Engine Control Unit	
Transmission Control Unit (TCU)	

Mercedes-Benz				
	<u>ہ</u>	C	P	•)

Figure 3

3. Select the menu according to the actual situation. Here, click "Operation On the Platform", as shown in the figure below.

15:12 🖪 💇 🥲		Θ	▼4G ⊿ 🗎 90%
Show Menu	f		ŀ
MERCEDES-BENZ V10.02 > Operating Environment			
Operation On The Vehicle			
Operation On The Platform			

Mercedes-Benz						
	G	þ	E	P	Ð	
			Figure 4			

4. Click "Wiring Diagram", as shown in the figure below.

17:33 🗖 👳 😌 🛞	ତି \ominus 😪 46 🖌 🗎 81%
Show Menu	A 🖶 🗗
MERCEDES-BENZ V10.02 > Function Menu	
Wiring Diagram	Read Module Data
Load Data File	Completely Erase Module

Mercedes-Benz						
	ل ک	þ	B	R	Ð	
			F '			

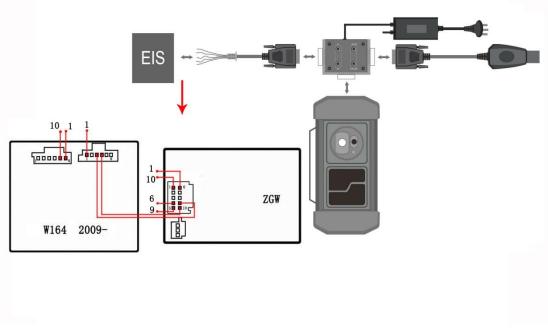
Figure 5

5. Click "W164(2009-)", as shown in the figure below.

14:45 🖬 👤 또 🛞	⊝ ▼46⊿ ♀ 41%
Show Menu	A 🖶 🕑
MERCEDES-BENZ V10.02 > Type	
W164 (-2008)	W164 (2009-)
W166	W169
W172	W197
W204	W207
W209	W211
Mercedes-Benz	
ŵ 🗅 🖑	



6. After connecting according to the wiring diagram, click OK, as shown in the figure below.





7. Click the back icon in the lower navigation bar, as shown in the figure below.

14:45 🖪 💇 🖓 🛞 ⊖ 🗣46⊿ 🖬 41%						
Show Menu	↑					
MERCEDES-BENZ V10.02 > Type						
W164 (-2008)	W164 (2009-)					
W166	W169					
W172	W197					
W204	W207					
W209	W211					
Mercedes-Benz						
ŵ G &						
Figure 8						

- 8. Click "Completely Erase Module", as shown in the figure below.

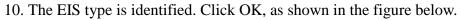
17:33 🖪 🙎 🖖 (왕)		0 0 °	R 46 🖌 🕯 81%
Show Menu	^		P
MERCEDES-BENZ V10.02 > Function Menu			
Wiring Diagram	Read Module Data		
Load Data File	Completely Erase Module		

Mercedes-Benz						
	G	þ	B	P	Ð	
			Figure 9			

9. Click "Automatic Identification", as shown in the figure below.

15:12 🖪 👤 💯 🛞	○ ♥46▲ 190%
Show Menu	A 🖶 🗗
MERCEDES-BENZ V10.02 > Type	
Automatic Identification	W164 (-2008)
W164 (2009-)	W166
W169	W172
W197	W204
W207	W209
Mercedes-Benz	

Figure 10



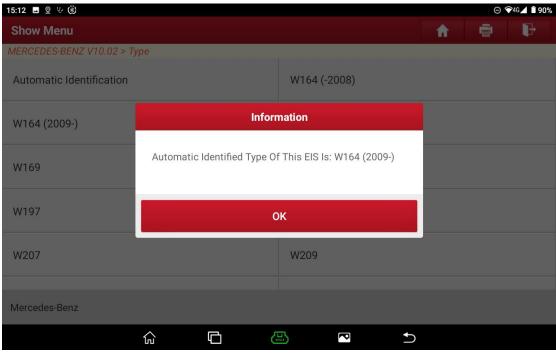


Figure 11

11. Click OK, as shown in the figure below.

10:01 🖬 🙎 🥲 🛞				ତ
Show Menu			f	ē P
MERCEDES-BENZ V10.02 > T	уре			
Automatic Identification	Infor	W164 (-2008) nation		
W164 (2009-)	Note: 1. This Function Needs Netw Network Is Connected;		ne	
W169	 Erasing EIS Will Cause Orig Vehicle, Please Use This Fun This Function Requires Co Programmer, Please Connect 			
W197	IR Key Simulator.		_	
W207	CANCEL	ок		
Mercedes-Benz				
	ŵ © (

Figure 12

12. Click OK, as shown in the figure below.

10:01 🖬 🛛 🖑 🛞				0 🖯 🖈	4G 🖬 🔒 49%
Show Menu			f	ē	ŀ
MERCEDES-BENZ V10.02 >	Туре				
Automatic Identification		W164 (-2008)			
W164 (2009-)	Infor	mation			
W169	Please Sequentially Connect The Device, Programmer And Benz IR Key Simulator, And Then Click <ok> Button.</ok>				
W197		ок			
W207		W209			
Mercedes-Benz					



13. Input or pull down to select the calculated 16-digit original car key password, and click OK, as shown in the figure below.

10:01 🖬 🛛 🤟 🛞					ତ ⊙ ¬ ≉4	G 🖌 🖣 49%
Key Password				f		₽
Please Input 16-digit Password Of The Key :	2					
Mercedes-Benz					Con	firm
ĥ	þ	E	P	Ð		
		F' 14				

Figure 14

14. Choose whether to back up data according to your needs. Click "NO" here, as shown in the figure below.

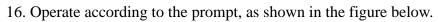
10:01 🗔 🛛 🤟 🛞							0 0	46" 🖬 49%
Key Password						ft 👘	ē	P
Please Input 16-digit	2							
Password Of The Key		Inform	ation					
	Do You Want 7	Го Backup Mod	ule Data?					
	NO			YES				
Mercedes-Benz							Co	onfirm
	<u>ش</u> (В	P	Ð			



15. Click "YES", as shown in the figure below.

10:01 🗳 🕑 😕 🛞					ତ ⊙ 😪 40	1 49%
Key Password				f		ŀ
Please Input 16-digit Password Of The Key	Do You Want To Eras	Information se Module ? o Erase, Click <no> Buttor</no>	n To Exit.			
	NO	YES				
Mercedes-Benz					Conf	îrm
	6 G		Ð			

Figure 16



10:02 🖪 🛛 🌝 🔅				$\odot \odot$	ag≝ 1 9%
Key Password			A	Ē	F
Please Input 16-digit Password Of The Key :		2			
		Notes			
		END SESSION			
Mercedes-Benz				Co	onfirm
1	۵				

Figure 17

17. Erasing is completed. Click OK, as shown in the figure below.

10:02 🗳 ⊻ 🛞							0 🖯 🗜	4G 🗹 🗎 49%
Key Password						f		P
Please Input 16-digit Password Of The Key		In f odule Complet	formation ed.					
			ОК					
Mercedes-Benz							Cor	nfirm
	<u>ل</u>	G	B	P	Ð			

Figure 18

18. The information after erasing is displayed and the EIS activation status is No. Click OK to complete the erasing, as shown in the figure below.

10:02 🗔 🙎 ৬ 🛞			ଡ଼ ⊙ 😪 46≝ 🖬 49%
Module Informatio	n	^	r i de la companya de
MERCEDES-BENZ V10.	02 > Module Information		
Name	Corresponding Value		
SSID	302F9A35		
Initialized	Yes		
TP Cleared	Yes		
Personalized	Yes		
Activated	No		
	ОК		
Mercedes-Benz			
		P 1	
	F ' 10		

Figure 19

7. ISM Computer Erasing

7.1 Model Coverage

ISM Computer
Erasing
W164ISM
W212DSM

7.2 Requirements

Scheme 1: Launch pad series comprehensive diagnostic equipment + X-431 gIII immobilizer programmer

Scheme 2: Launch X-431 Pro immobilizer matching tool (expert edition) + X-431 gIII immobilizer programmer

7.3 Procedure

The following is about W164ISM computer erasing.

1. After accessing the Benz immobilizer software, connect according to the wiring diagram and click OK, as shown in the figure below.

16:42 ♥ (\$)	ତ ⊙ ♥ ⊿ 🖬 57%
Information	
MERCEDES-BENZ V10.04 >	
Mercedes-Benz	ОК
<u>ن</u>	

Figure 1

2. Click "ECU Erasing", as shown in the figure below.

16:42 🖬 🖖 🛞	♡ 🕕 ▼∠1 🖬 57%
Show Menu	A 👤 🖷 🕞
MERCEDES-BENZ V10.04 > Function Menu	
	Q Please enter keyword
Anti-Theft Key Matching	Immobilizer Module Replacement
Anti-Theft Password Reading	ECU Erasing

Mercedes-Benz					
	<u>ل</u>	G	B	P	5

Figure 2

3. Click "ISM", as shown in the figure below.

16:42 🖪 🖖 🛞	♡ 🕕 ♥⊿ 🖬 57%
Show Menu	A 👤 🖷 📭
MERCEDES-BENZ V10.04 > Immobilizer	
	Q Please enter keyword
Electronic Ignition System (EIS)	Engine Control Unit
Transmission Control Unit (TCU)	ISM

Mercedes-Benz						
	ل م	þ	B	P	♪	
			D' 0			

Figure 3

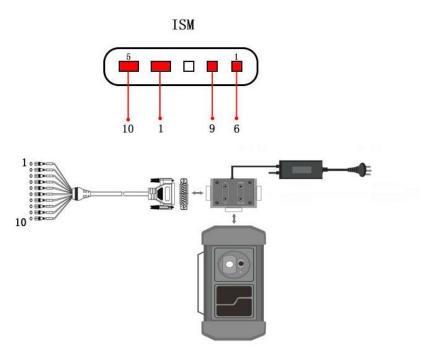
4. Click "Wiring Diagram", as shown in the figure below.

16:42 🖪 🖖 🛞	♡ 🕕 ▼∠ 🔒 57%
Show Menu	A 2 ā P
MERCEDES-BENZ V10.04 > Function Menu	
	Q Please enter keyword
Wiring Diagram	Read Module Data
Load Data File	Completely Erase Module

Mercedes-Benz					
	ک	þ	U.S.	R	♠

Figure 4

5. After removing the module and connecting it according to the wiring diagram, click OK, as shown in the figure below.





6. Click "Completely Erase Module", as shown in the figure below.

16:42 🖬 🖖 🛞	ତ • 0 ♥ ∠ 🖬 57%
Show Menu	
MERCEDES-BENZ V10.04 > Function Menu	
	Q Please enter keyword
Wiring Diagram	Read Module Data
Load Data File	Completely Erase Module

Mercedes-Benz						
	€	Ģ	(June 1997)	P	ſ	

Figure 6

7. Click OK, as shown in the figure below.

16:43 🖬 🖖 🛞							0 O	▼⊿ 🕯 57%
Show Menu					A			F
MERCEDES-BENZ V10.04 >	Function Menu							
						C		
Wining Discussion			Decilate	-l-l- D-t-				
Wiring Diagram		Inform	nation					
Load Data File	Network Is Cor 2. This Functio	n Does Not Sup The Module A	oport Opera	ting In Vehi	cle,			
Mercedes-Benz								
	<u>ن</u> (3	2	€			

Figure 7

8. The information before erasing is displayed. Click OK to start erasing, as shown in the figure below.

16:45 🖪 💯 🛞	• 🗣 🎝 🔓 57%
Module Information	
MERCEDES-BENZ V10.04 > Module Information	
Name	Corresponding Value
VIN	WDDNG54X78A
Serial Number	0014480710
Number	1642700352
Initialized	Yes
TP Cleared	Yes
	ОК
Mercedes-Benz	
6 G	

Figure 8

9. The erasing is successful and the activation status is No. Click OK to complete the erasing, as shown in the figure below.

ponding Value
0352
ОК
Comparison (1997)

Figure 9

8. EIS Replacement

8.1 Model Coverage

W169 EIS supported
W204 EIS supported
W209 EIS supported
W209(K) EIS supported
W203(K) EIS supported
W210(K) EIS supported
W211 EIS supported
W212 EIS supported
W207 EIS supported
W215(K) EIS supported
W220(K) EIS supported
W209 EIS supported
W218 EIS supported
W211 EIS supported

W216 EIS supported
W215(K) EIS supported
W172 EIS supported
W197 EIS supported
W164 EIS supported
W164NEW EIS supported
W166 EIS supported
W1641NEW EIS supported
W463 EIS supported
W246 EIS supported
W639NEW EIS supported
W906 EIS supported

8.2 Requirements

Scheme 1: Launch pad series comprehensive diagnostic equipment + X-431 gIII immobilizer programmer

Scheme 2: Launch X-431 Pro immobilizer matching tool (expert edition) + X-431 gIII immobilizer programmer

8.3 Procedure

The following is about replacement of w164 (2009 -) EIS.

1. Click "Anti-theft Password Reading", as shown in the figure below.

15:11 🖬 🙎 😳 🛞	⊙ ▼46⊿ 🗎 90%
Show Menu	A 🖶 🕞
MERCEDES-BENZ V10.02 > Function Menu	
Anti-Theft Key Matching	Immobilizer Module Replacement
Anti-Theft Password Reading	ECU Erasing

Mercedes-Benz						
	ل	þ	B	P	ſ	



2. Select the menu according to the actual situation. Here, click "Operation On the Platform", as shown in the figure below.

15:12 🖪 🧕 🖖 🛞		Θ	¥G⊿ 🕯 90%
Show Menu	f		P
MERCEDES-BENZ V10.02 > Operating Environment			
Operation On The Vehicle			
Operation On The Platform			

Mercedes-Benz					
	G	G	B	P	€

Figure 3

3. Select any method to obtain the password. Here, click "Calculate Password by Adding Key", as shown in the figure below.

15:12 🖪 🧕 🤟 🛞		⊖ ▼4G⊿ 🗎 90%
Show Menu	f	i P
MERCEDES-BENZ V10.02 > Function Menu		
Calculate Password By Adding Key		
Read The Password Of BE Key		

Mercedes-Benz						
	<u>ن</u>	þ	ß	P	Ð	
			Г.	4		

Figure 4

4. Select the corresponding EIS type and there is the corresponding wiring diagram. If the wiring is already connected, click "Automatic Identification", as shown in the figure below.

15:12 🗔 👤 또 (⑧)	⊙ ❤ 46 ⊿ 🗎 90%
Show Menu	
MERCEDES-BENZ V10.02 > Type	
Automatic Identification	W164 (-2008)
W164 (2009-)	W166
W169	W172
W197	W204
W207	W209
Mercedes-Benz	
ŵ © 3	

Figure 5

5. The EIS type is identified. Click OK, as shown in the figure below.

15:12 🖬 🙎 🖑 🛞				⊝ ❤4G⊿ 🕯 90%
Show Menu			A	ē
MERCEDES-BENZ V10.02 > Ty	/pe			
Automatic Identification		W164 (-2008)		
W164 (2009-)	Infor	nation		
W169	Automatic Identified Type O	f This EIS Is: W164 (2009-)		
W197	C	Ж		
W207		W209		
Mercedes-Benz				
	ŵ 🗗 🖉			



6. Click OK, as shown in the figure below.

15:13 🖬 🛛 또 🛞				Θ	▼4G⊿ 🗎 90%
Show Menu			f	ē	₽
MERCEDES-BENZ V10.02 > 1	Гуре				
Automatic Identification	Infor	W164 (-2008)			
W164 (2009-)	Note: 1. This Function Requires Ne Keep The Network Connected				
W169	 Please Strictly Operate Act Avoid Key Code Hopping And 3. After The Function Comple Key Being Inserted Into The E 	cording To The Prompts To Unable To Start Vehicle; eted, It May Need The Start EIS And Pulled Out From The	2		
W197	EIS For Several Times To Sta	rt Vehicle.	_		
W207	CANCEL	ок			
Mercedes-Benz					
			Ð		

Figure 7

7. The following operations may be repeated for several times. Follow the prompts and click OK, as shown in the figure below.

15:17 🗖 🛛 🤄 🖓 🛞				Θ	▼4G⊿ 🗎 90%
Show Menu			A		P
MERCEDES-BENZ V10.02 > 7	Туре				
Automatic Identification		W164 (-2008)			
W164 (2009-)	Infor	mation			
W169	Insert The Start Key Into The EIS And Remove It From The EIS For 3 Times. Then, Insert It Into The EIS And Click OK.				
W197	(ОК			
W207		W209			
Mercedes-Benz					
			•		

Figure 8

8. After inserting the key into the infrared key hole, click OK, as shown in the figure below.

15:18 🖬 오 🖖 (第)							Θ	❤4G⊿ 🕯 90%
Show Menu						f	Ē	P
MERCEDES-BENZ V10.02 >	Туре							
Automatic Identification			W164 (-2	2008)				
W164 (2009-)		Inform	nation					
	Remove The Start	Kev From 1	The FIS Inse	ert It Into The				
W169	Infrared Key Hole							
					_			
W197		0	Ж					
W207			W209					
Mercedes-Benz								
	ŵ 6	G	B	P	€			

Figure 9

9. Click OK after following the prompts, as shown in the figure below.

15:18 🖬 🛛 🖓 🛞				Θ \checkmark	4G🖊 🗎 90%
Show Menu			f	ē	₽
MERCEDES-BENZ V10.02 >	Туре				
Automatic Identification		W164 (-2008)			
W164 (2009-)	Inform	nation			
W169	Insert The Start Key Into The EIS For 3 Times. Then, Insert				
W197	C	Ж			
W207		W209			
Mercedes-Benz					
	ŵ 🗅 🎸				

Figure 10

10. Click OK after following the prompts, as shown in the figure below.

15:19 🖬 🛛 🖑 🛞								Θ	₹4G ⊿ 🗎 90%
Show Menu							A	Ē	P
MERCEDES-BENZ V10.02 > 1	Гуре								
Automatic Identification				W164 (-	2008)				
W(164 (2000-)			Informa	tion					
W164 (2009-)		e Start Key To							
W169	Unable ⁻ Not Illur	ent Panel Is Illu To Turn To On ninated, Please en Click <ok> E</ok>	Position (e Try Repe	Or The In	strument	Panel Is			
W197			ОК						
W207				W209					
Mercedes-Benz									
	ណ៍	G	æ)	R	•⊃			

Figure 11

11. After inserting the key into the infrared key hole, click OK, as shown in the figure below.

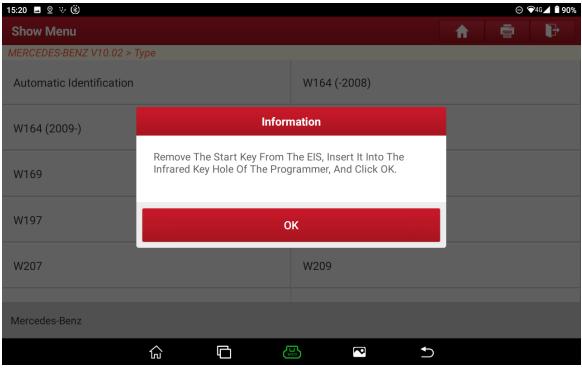


Figure 12

12. Collecting password calculation data...as shown in the figure below.

15:20 🖬 🛛 🖑 🛞					Θ	4G 🖌 🗎 90%
Show Menu				A	ē	ŀ
MERCEDES-BENZ V10.02 > "	Туре					
Automatic Identification			W164 (-2008)			
W164 (2009-)		N	otes			
W169	С	Packet Data, Please W	Calculation Data, Connecting 1 ait. . Please Wait And Operate As			
W197		END S	ESSION			
W207			W209			
Mercedes-Benz						
	۲	6	S P 5			

Figure 13

13. Click OK after following the prompts, as shown in the figure below.

15:22 🖪 🛛 🖑 🛞				⊖ ▼4G⊿ 🕯 90%
Show Menu			f	ē P
MERCEDES-BENZ V10.02 > 7	Туре			
Automatic Identification		W164 (-2008)		
W164 (2009-)	Infor	mation		
W169	Insert The Start Key Into The EIS For 3 Times. Then, Insert			
W197		ЭК		
W207		W209		
Mercedes-Benz				

Figure 14

14. Click OK after following the prompts, as shown in the figure below.

15:22 🖬 🙎 🖑 🛞								Θ	¥G ∠ 🕯 90%
Show Menu							A	ē	ŀ
MERCEDES-BENZ V10.02 > 7	Гуре								
Automatic Identification			,	W164 (-:	2008)				
W164 (2000)			Informat	tion					
W164 (2009-)		e Start Key To							
W169	Unable Not Illur	ent Panel Is Illu To Turn To On minated, Please en Click <ok> E</ok>	Position C e Try Repe	Dr The In	strument	Panel Is			
W197			ОК						
W207			ľ	W209					
Mercedes-Benz									
	ណ៍	G			P	Ð			

Figure 15

15. Networking to upload data...as shown in the figure below.

Show Menu Image: Constraint of the stress of the stre	15:23 🖬 🛛 🤟 🛞				⊝ 💎 4	G🚄 🗎 90%
Automatic Identification W164 (-2008) W164 (2009-) Notes W169 Image: Networking To Upload Data, Please Wait W197 END SESSION W207 W209	Show Menu			f	ē	P
W1 64 (2009-) Notes W1 69 Networking To Upload Data, Please Wait END SESSION W207 W209 Mercedes-Benz 	MERCEDES-BENZ V10.02 > Type					
W169 Networking To Upload Data, Please Wait W197 END SESSION W207 W209	Automatic Identification		W164 (-2008)			
W103 END SESSION W207 W209 Mercedes-Benz	W164 (2009-)	N	otes			
W207 W209 W209 Mercedes-Benz	W169	Networking To Upload	Data, Please Wait			
Mercedes-Benz	W197	END S	ESSION			
	W207		W209			
	Mercedes-Benz					
	ſ					



16. After the password is calculated, take screenshots or take pictures, and then click OK, as shown in the figure below.

15:23 🖪 오 ৬ (흥)							Θ	¥G⊿ 🕯 90%
Show Menu						f	ē	P
MERCEDES-BENZ V10.02 >	Туре							
Automatic Identification			W164 (-2	2008)				
W164 (2009-)		Inforn	nation					
W169	The Password Of Key Password Is:2	ev Is Succ	essfully Cal	culated, And	d The			
W197		0	K					
W207			W209					
Mercedes-Benz								
	ŵ 6	6	3	P	Ð			

Figure 17

17. Click YES, as shown in the figure below.

15:23 🖬 🛛 🖖 (第)				Θ	❤4G⊿ 🕯 90%
Show Menu			A	Ē	P
MERCEDES-BENZ V10.02 > 7	Туре				
Automatic Identification		W164 (-2008)			
W164 (2009-)	Inform	nation			
W169	Do You Want To Back Up The Passwords?	Module Data Containing Key			
W197	NO	YES			
W207		W209			
Mercedes-Benz					
	ŵ 🗅 🔇	B 🛛 🗖			

Figure 18

18. After the file is named and saved, click OK, as shown in the figure below.

15:25 🖬 🛛 🖑 🛞				Θ	¥G 📕 🖥 89%
Show Menu			A		P
MERCEDES-BENZ V10.02 > 7	Туре				
Automatic Identification		W164 (-2008)			
W164 (2009-)	Info	rmation			
	Backup Module Data Succe				
W169	The Path Of Saving File Is:/ X431Pro/988770001084/DI IMMO_BENZ/EIS/ReadData,				
W197		ок			
W207		W209			
Mercedes-Benz					

Figure 19

19. Go back to the initial page and click "Immobilizer Module Replacement", as shown in the figure below.

09:16 🖪 🗕 또 🛞	⊖ 😪 46≝∕ 🖬 52%
Show Menu	A 🖶 🗗
MERCEDES-BENZ V10.02 > Function Menu	
Anti-Theft Key Matching	Immobilizer Module Replacement
Anti-Theft Password Reading	ECU Erasing

Mercedes-Benz					
	þ	L.	P	Ð	

Figure 20

20. Click "Electronic Ignition System (EIS)", as shown in the figure below.

09:16 🖬 😟 🖖 🛞	⊝ 😪 46 *⊿ 🖬 52%
Show Menu	† e b
MERCEDES-BENZ V10.02 > Immobilizer	
Electronic Ignition System (EIS)	
Engine Control Unit	
Transmission Control Unit (TCU)	

Mercedes-Benz				
	٦	G	P	1

Figure 21

21. Select the menu according to the actual situation. Here, click "Operation On the Platform", as shown in the figure below.

09:16 🖪 💇 🤟 🛞		Θ	2 4G 🖌 🗎 52%
Show Menu	f		ŀ
MERCEDES-BENZ V10.02 > Operating Environment			
Operation On The Vehicle			
Operation On The Platform			

Mercedes-Benz						
	G	G	(vii)	P	◆	

Figure 22

22. Click "Write Data File", as shown in the figure below.

09:16 🖬 👤 🌝 🛞	⊙ 😪 4621 🗎 52%
Show Menu	
MERCEDES-BENZ V10.02 > Function Menu	
Wiring Diagram	Read Module Data
Load Data File	Completely Erase Module
Clear TP Protection	Write The VIN
Write Data File	Activate Module
Generate BE Key File	Check EIS Status
Mercedes-Benz	
ŵ 🖸 🔮	

Figure 23

23. Click "Automatic Identification", as shown in the figure below.

09:17 🖬 오 & 🛞	⊙ 🐨 46 🖌 🕯 52%
Show Menu	
MERCEDES-BENZ V10.02 > Type	
Automatic Identification	W164 (-2008)
W164 (2009-)	W166
W169	W172
W197	W204
W207	W209
Mercedes-Benz	



24. The EIS type is identified. Click OK, as shown in the figure below.

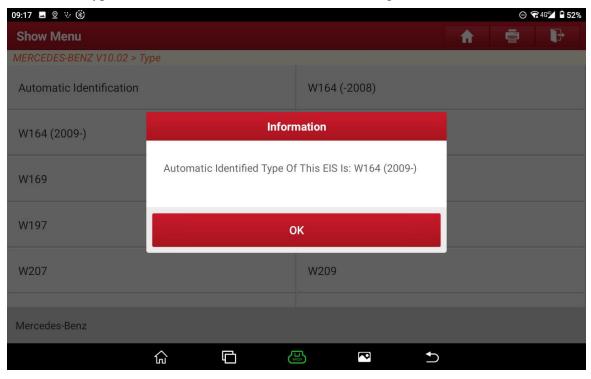


Figure 25

25. Click OK after following the prompts, as shown in the figure below.

09:17 🖬 오 ৬ 🛞				⊖ 😪 4G 🖬 🖬 52%
Show Menu			f	ē P
MERCEDES-BENZ V10.02 > 7	Туре			
Automatic Identification		W164 (-2008)		
W164 (2009-)	Infor	nation		
W169	Please Sequentially Connect Benz IR Key Simulator, And T	The Device, Programmer And hen Click <ok> Button.</ok>		
W197	C	ж		
W207		W209		
Mercedes-Benz				
	ŵ 🗅 ć			



26. Click OK, as shown in the figure below.

09:18 🖬 🙎 또 🛞			⊝ 🐨 46≝ 🔒 52%
Show Menu			† ē F
MERCEDES-BENZ V10.02 > Ty	уре		
Automatic Identification		W164 (-2008)	
W164 (2009-)	Inforr	nation	
W169	Choose The Module Data Fil	e.	
W197	C	Ж	
W207		W209	
Mercedes-Benz			
	6 6		

Figure 27

27. Write the data file just saved into an erased or second-hand EIS. Click OK, as shown in the figure below.

09:19 🖬 💇 歩 ⑧		Θ	4G 🖌 🗎 52%
Choose File	f		ŀ
storage/emulated/0/cnlaunch/X431Pro/988770001084/DIAGNOSTIC/ImmoDa 64newpasswords.bin	ata/IMMO_BEN	Z/EIS/Read	dData/
∧ Back to Up Page			
Home			
7 164newpasswords.bin			
7 164newpassword.bin			

ок			CANCEL		
ŵ			P	↑	



28. Click OK, as shown in the figure below.

09:19 ■ 2 ♥ ⑧ Choose File		⊙ ₹46¥ ₽ 52%
/storage/emulated/0/cnlau 164newpasswords.bin	nch/X431Pro/988770001084/DIAGNOSTIC/Imm	oData/IMMO_BENZ/EIS/ReadData/
∧ Back to Up Page	Information	
Home	Selected File Is:164newpasswords.bin	
164newpassword.bin	CANCEL	
(ОК	CANCEL
		5

Figure 29

29. Click OK, as shown in the figure below.

09:19 🖬 🙎 또 🛞		Θ 🗣 40	G🞾 🗎 52%
Information	A	-	₽
Please Input 17-Digit VIN:	wdc		8
Please Input 16-digit Password Of The Key :	27		
Mercedes-Benz		Cont	firm
ن			

Figure 30

30. Click OK, as shown in the figure below.

09:19 🖬 🛛 🕑 (종)							Θ	46 🖬 🖥 52%
Information						f		P
Please Input 17-Digit Please Input 16-digit Password Of The Ke	Some	wd EIS Only Suppor ully Check The V	Information t Writing VIN F IN!	or Once, Please				8
			ОК					
Mercedes-Benz							Со	onfirm
	ធ្	G	æ	P	Ð			

Figure 31

31. Click OK, as shown in the figure belo	W.
---	----

09:19 🖬 🛛 🖓 🖑			⊖ 🔩 46⁴ 🖌 🕯 52%
Module Information	n	1	
MERCEDES-BENZ V10.0	02 > Module Information		
Name	Corresponding Value		
VIN	WD		
EIS Number	1645451508		
Vehicle Mileage	ОКМ		
SSID	302F9A35		
Initialized	Yes		
	Return	ОК	
Mercedes-Benz			

Figure 32

32. Operate according to the prompts, as shown in the figure below.

09:20 🖬 🛛 🖑 (흥ଁ)		⊝ 🐨 46≝ 🖬 52%
Module Information		A 🖻 🕞
MERCEDES-BENZ V10.0	2 > Module Information	
Name	Corresponding Value	
VIN	WD	
EIS Number	Notes	
Vehicle Mileage	OF Please Insert Benz IR Key Simulator Into The EIS. If It Is Already Inserted, Please Pull Out And Then Insert Again .	
SSID	30 END SESSION	
Initialized	Yes	
	Return C	ж
Mercedes-Benz		

Figure 33

09:20 🖬 💇 🖑 🛞			⊝ 😪 4G⁴ 🖬 🖥 52%
Module Information			A 🖻 🖟
MERCEDES-BENZ V10.0	02 > Module Information		
Name	Corresponding Value		
VIN	WDC		
	Informati	ion	
EIS Number	16		
Vehicle Mileage	Data File Successfully Written, D Module Information?	o You Want To Read	
SSID	30 NO	YES	
Initialized	Ye		
	1		
	Return	0	K
Mercedes-Benz			
	ĥ 🗅 😃		

33. The data file is successfully written. Click "YES", as shown in the figure below.

Figure 34

34. The information after writing is displayed. Click OK, as shown in the figure below.

09:21 🖬 🛛 🖑 🛞	⊙ 🐨 46⅔ 🖬 52%					
Module Information						
MERCEDES-BENZ V10.0	2 > Module Information					
Name	Corresponding Value					
SSID	302F9A35					
Initialized	Yes					
TP Cleared	Yes					
Personalized	Yes					
Activated	No					
	ОК					
Mercedes-Benz						

Figure 35

35. Install the EIS on the car, insert the original car key to automatically activate the EIS, and then start the car. EIS replacement is completed.

9. Engine/Gearbox Computer Clone

9.1 Model Coverage

Gearbox (VGS2-FCVT)					
Gearbox (VGS-FDCT)					
Gearbox (VGS2-FDCT)					
Gearbox (9G_Tronic)					
Engine (TC1793)					
Engine (TC1797)					
Engine (TC1796)					
Engine (TC1767)					
Engine (EDC16C32)					
Engine (EDC16CP31)					
Engine (EDC16C2)					
Engine (EDC16CP36)					

9.2 Requirements

Scheme 1: Launch pad series comprehensive diagnostic equipment + X-431 gIII immobilizer programmer

Scheme 2: Launch X-431 Pro immobilizer matching tool (expert edition) + X-431 gIII immobilizer programmer

9.3 Procedure

The engine/transmission computer cloning process is similar, and the following is

9g_ Tronic transmission computer clone.

1. Choose [Gearbox] > [Benz] > [VGS-NAG3], as shown in Figure 2.

19:22 V 🛞			00	4G 📕 🖬 17%
Show Menu		f		Þ
IMMO PROG V10.06 > Benz				
VGS2-FCVT	VGS-FDCT			
VGS2-FDCT	VGS-NAG3			

Immo Prog				
	لتا	G	P	Ð



2. Due to the large amount of data when reading and writing, in order to improve communication stability, use USB to connect, as shown in Figure 3.

19:23 생 🛞				00	¥G 🖌 🖬 17%
Show Menu			A	ē	F
IMMO PROG V10.06 > Benz					
VGS2-FCVT		VGS-FDCT			
VGS2-FDCT	Infor	mation			
	The Current Read/Write Data Communication Stability, Use	Volume Is Large. To Improve e The USB For Connection.	I		
	(Ж			
Immo Prog					
	ŵ 🖸 👌		Ъ		

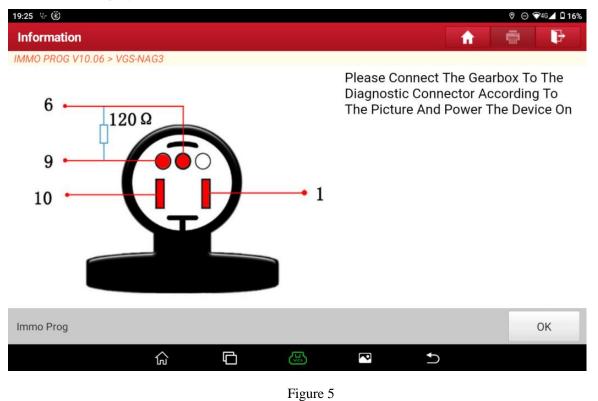
Figure 3

3. Click [OK] to execute the [Connect] function first, as shown in Figure 4.

19:23 🖖 🛞							0 O 🕈	4G 🔟 🗋 17%
Information						A		P
IMMO PROG V10.06 > Benz								
		Preca	aution	IS.				
ECU may be dama		Inf	ormation			ooth or	WiFi in	
BENCH mode. Plea						8		
	Perform The	e [Connect] Fu	inction First.					
			ок					
	_	-						
T T		1						
UŠB		WIFI/BLUET	тоотн					
Immo Prog							(ок
	<u>ل</u>	G	B	P	€			

Figure 4

4. Choose [View Wiring Diagram] to dismantle the original car gearbox and connect it to the immobilizer programmer with a wire harness.



5. Before performing other functional operations, execute the [Connect] function first to verify whether the gearbox and the programmer are connected, as shown in Figure 6 and Figure 7.

19:23 😳 (왕)	ତ ⊙ ❤46⊿ 🗅 17%
Show Menu	A 🖶 🗗
IMMO PROG V10.06 > VGS-NAG3	
Connect	Backup complete data
Restore complete data	Disconnect
View Wiring Diagram	

Immo Prog				
	<u>ل</u>	G	P	1

Figure 6

19:37 🖖 🛞							Θ	P4G⊿ 🖬 16%
Show Menu						f		P
IMMO PROG V10.06 > VGS-N	AG3							
Connect			Backup	complete data	а			
Restore complete data		Int	formation					
View Wiring Diagram	Connected							
			ОК					
Immo Prog								
	ŝ	G	E.	P	Ð			

Figure 7

6. Click OK and then click [Backup complete data] (as shown in Figure 8 and Figure 9) to back up and save the internal data of the original car gearbox, as shown in Figure 10 and Figure

I	I	•

19:38 ৬ 🛞							Θ	🗣4G 📕 🖬 16%
Show Menu						f	Ē	P
IMMO PROG V10.06 > VGS-N	IAG3							
Connect	Connect				data			
Restore complete data			Information					
View Wiring Diagram	Reading	EEPROM, Prog	17655 [.]					
	neuung		greee.					
			27%					
Immo Prog								
	ធ្	G	B	P	Ð			

Figure 8

19:41 ৬ 🛞							Θ	₽4G⊿ 🛛 16%
Show Menu						f	ē	P
IMMO PROG V10.06 > VGS-N	IAG3							
Connect			Backu	o complete (data			
Restore complete data			Information					
View Wiring Diagram	Reading Fl	_ASH Data F	Please Wait.					
			73%					
Immo Prog								
	۵	þ		P	Ð			

Figure 9

19:42 🖬 🖑 🤅	9								Θ	❤46⊿ 🛙 16%
Show Me	nu			Anti-T	heft Funct	ion		A	ē	P
IMMO PROG	V10.06 > V(GS-N/ Ple	ase Input 1	The Saved F	ile Name:					
Connect										
Restore co	omplete dat	a	CANC	CEL		ОК				
				[Ŷ
q	2 W	е	r 4	t s	⁶	U 7	8 İ	9 O	р	\propto
а	S	d	f	g	h	j	k	1		e
+	Z	Х	С	۷	b	n	m	ļ	?	*
?123	,				Engli	sh				٢
		ŝ	ſ	3	- See	P	ţ			

Figure 10

19:43 생 🛞				⊝ 🐨 46 🗹 🖬 16%
Show Menu			f	ē P
IMMO PROG V10.06 > VGS-NA	4G3			
Connect		Backup complete data		
Restore complete data	Infor	mation		
View Wiring Diagram	Data Backup Succeeded			
		ж		
Immo Prog				
			Ð	

Figure 11

7. Click [Disconnect] to disconnect the original car gearbox from the immobilizer programmer,

as	shown	in	Figure	12.	
----	-------	----	--------	-----	--

19:56 🗔 🖓 🛞							Θ	¥G 🖊 🖬 15%
Show Menu						f	Ē	P
IMMO PROG V10.06 > VGS-NA	AG3							
Connect			Backup	complete dat	а			
Restore complete data		Info	ormation					
View Wiring Diagram	Disconne	ction Succeeded						
			ок					
Immo Prog								
	ធ	G	B	P	Ð			

Figure 12

- 8. Perform steps 5 and 6 to connect the external gearbox to the immobilizer programmer.
- 9. Click [Restore complete data] and select the data backed up in step 7, as shown in Figure 13. Click [Yes], and write the data of the original car gearbox to the external gearbox, as shown in Figure 14, Figure 15, and Figure 16.

19:43 생 🛞						Θ	▼4G⊿ 🖬 16%
Anti-Theft Function					f	-	₽
IMMO PROG V10.06 > Anti-Theft Functi	ion						
Backup File Name							
qqqqqqqq.bin							
GGG.bin							
KVM_mc9s12dg256_flash.bin							
qqqqq.bin							
Gogh.bin							
		EXIT					
Immo Prog						_	
<u>ل</u>	þ	B	P	€			



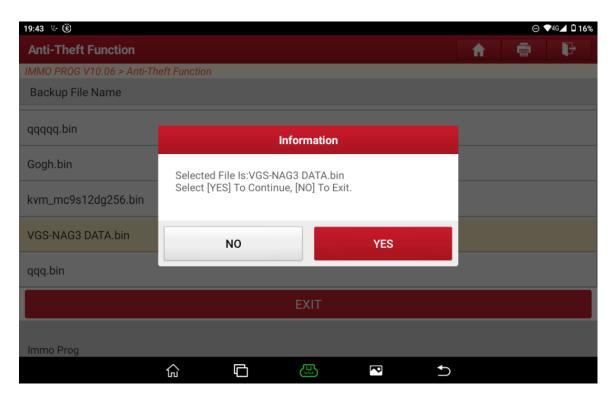


Figure 14

19:47 또 🛞							Θ	▼4G⊿ 🛛 16%
Anti-Theft Function						f	Ē	F
IMMO PROG V10.06 > Anti-T	heft Functi	ion						
Backup File Name								
qqqqq.bin								
			Information					
Gogh.bin								
kvm_mc9s12dg256.bin	Restor	ing EEPROM da	ta in progress					
VGS-NAG3 DATA.bin			1 (0/					
			16%					
qqq.bin								
			EXIT					
Immo Prog								
	لک	6	یا ا	P	5			

Figure 15

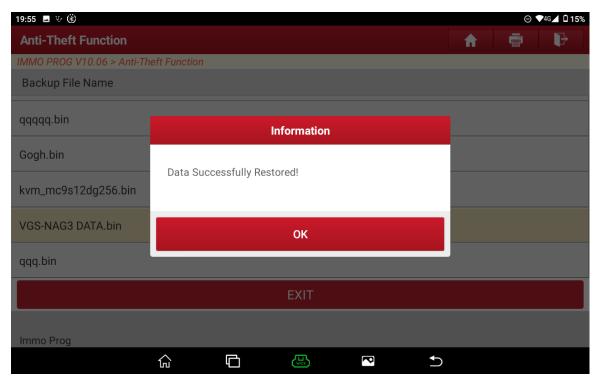


Figure 16

10. The gearbox clone has been basically completed, but in order to determine whether the data of the original car gearbox has really been written to the external gearbox, click [Backup complete data] to back up the data of the external gearbox. Click [Disconnect] and then click the back icon to return to the page shown in Figure 17.

19:22 步 ⑧	ଡ ⊝ ≎ 46⊿ ⊔ 17%
Show Menu	
IMMO PROG V10.06 > Anti-Theft Key Matching Adaptor	
EEPROM	Engine
Gearbox	Кеу
SCM (Single Chip Microcomputer)	Data comparison

Immo Prog				
	€	þ	P	

Figure 17

11. Click [Data comparison] to access the data comparison page, as shown in Figure 18.

19:56 ৬ 🛞							⊖ ❤4G⊿	ū 15%	
Data comparison	f		Į	}					
IMMO PROG V10.06 > Data	a comparis	วท							
[F1] load the first data to be compared [F2] load the second data to be compared		Status							
F1		Not Loaded							
F2		Not Loaded							
Return	F	1	F2	Comparison		Return			
Immo Prog									
	<u>ل</u>	ſ	L. C.	9					

Figure 18

12. Click [F1] and [F2] to respectively import the original car gearbox data saved in step 7 and the external gearbox data saved in step 11, as shown in Figure 19.

19:58 ৬ 🛞									e) 💎4G	15%
Data comparison							fi	-		₽	
IMMO PROG V10.06 > Data											
[F1] load the first data to be compared [F2] load the second data to be compared		Status									
F1	VGS-NAG3 DATA.bin										
F2	VGS-NAG3 DATA new.bin										
Return	F	F1		F2	Comparison				Return		
Immo Prog											
	G	ſ	3	U.		2	Ð				

- Figure 19
- 13. Click [Comparison], as shown in Figure 20. Finally load the external gearbox into the car.

Data comparison <hh> <hh <hh="" <hh<="" th=""><th>}</th></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh></hh>	}
[F1] load the first data to be compared [F2] load the second data to be	
compared [F2] load the second data to be Status	
compared Information	
F1	
F2 The contents of two loaded data are the same	
ОК	
Return F1 F2 Comparison Return	
Immo Dece	

Figure 20

Statement:

The content of this document belongs to Shenzhen Launch . All rights reserved. Any individual or unit shall not quote or reprint without consent.