Operating Instructions for the Function of BMW

CAS4/CAS4+Key Adding

I Function introduction

Support the functions of Key Adding and All Lost for BMW CAS4/CAS4+Anti-Theft System Module, and 32-digit Engine ISN is required for CAS4+Immobilizer Module All Lost.

II Condition requirements

Device requirements

PRO and other Android devices of 431 products, X431-G/X431-G3 Immobilizer with key

adapter;

Software requirements

BMW V50.54 and above

III Steps

The function of CAS4 Immobilizer Module Key Adding is described as below:

1.1 Enter the software, and select [Anti-Theft System], as shown in Figure 1.

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Show Menu	
BMW V50.70 > Menu	🖽 11.91V
Automatically Search	Manually Select
Coding/Program	Special Function
Function Help	ADAS Calibration
Anti-Theft System	

BMW GT 535i xDr VIN WBASP2C518						
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			Figure 1			

1.2 Click [OK], as shown in Figure 2.

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Show Menu				B
BMW V50.70 > Menu				🖽 11.91V
Automatically Search	Manually Select	Manually Select		
Coding/Program	Special Function			
	Information			
Function Help	The Execution Of The IMMO Function			
Anti-Theft System	Requires An IMMO Programmer. Please Connect The Programmer. Click [OK] To Execute The Next Step.			
	CANCEL			
BMW GT 535i xDrive 2011 VIN WBASP2C51BC337850				
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Figure 2

1.3 Enter the Anti-Theft System, and you need to connect with X431-G/X431-G3 Anti-Theft key adapter to perform the next step, as shown in Figure 3.

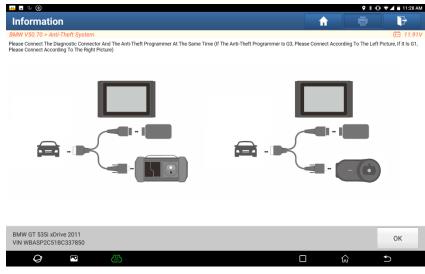


Figure 3

1.4 If you don't know the type of the Anti-Theft System, you can select [Intelligent Mode] to enter, as shown in Figure 4.

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Show Menu		f	ē	ŀ
BMW V50.70 > Anti-Theft System				🖽 11.89V
Intelligent Mode	IMMO			
EGS System	Engine System			

VIN WBASP2
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1.5 Jump CAS4/CAS4+ Anti-Theft System to the corresponding Anti-Theft system menu, as shown in Figure 5.

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BMW V50.70 > Anti-Theft System	🖽 11.89V
ECU Information	Read ISN (Initial Serial Number)
Preprocessing	Key Learning
Replace Immobilizer Data	Mileage Reset
Key Status	MCU Operation

BMW GT 535i x VIN WBASP2C5						
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Figure 5

1.6 Click [Preprocessing], you need to preprocess the module to perform Read Anti-Theft data, Key Matching and more. If it has already been preprocessed, you can perform relevant functions. The ECU will be upgraded in this process, and files need to be downloaded online. Please connect to the network in advance, as shown in Figure 6.

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Show Menu					P
BMW V50.70 > Anti-Theft System					🖽 11.89V
ECU Information		Read ISN (Initial Serial Nu	umber)		
Preprocessing		Key Learning			
Replace Immobilizer Data	No	otes			
Key Status	Downloading,please w Progress: 0 / 2	ait			
BMW GT 535i xDrive 2011 VIN WBASP2C51BC337850					
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1.7 Make sure that vehicle power supply voltage stable, and then click [Yes], as shown in Figure 7.

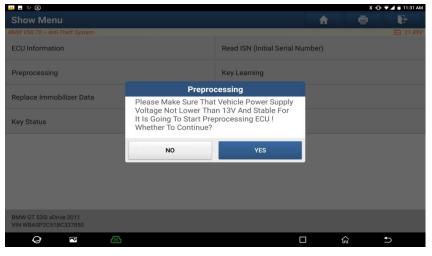


Figure 7

1.8 After preprocessing succeeded, click [OK] button, as shown in Figure 8.

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Show Menu					P	
BMW V50.70 > Anti-Theft System					💼 11.88V	
ECU Information		Read ISN (Initial Serial Number)				
Preprocessing		Key Learning				
Replace Immobilizer Data	Prepro	cessing				
Key Status	Preprocessing Succeed Successfully !	Preprocessing Succeeded, Restore Code Successfully !				
	o	к				
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1.9 After preprocessing succeeded, return to the function menu and click [Key Learning] function, as shown in Figure 9.

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Show Menu	A 🖻 🕑
BMW V50.70 > Anti-Theft System	🖽 11.88V
ECU Information	Read ISN (Initial Serial Number)
Preprocessing	Key Learning
Replace Immobilizer Data	Mileage Reset
Key Status	MCU Operation

BMW GT 535i xD VIN WBASP2C51						
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1.10 After the key information successfully read, select the unused key position and click [Key Generated By Ignition Switch], as shown in Figure 10.

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Key ID		Key Status	💼 11.9.
FFFFFFF			
A281AA32	l	Jsed	
FFFFFFF	ι	Jnused	
FFFFFFF	l	Jnused	
viteb Kov			Erase Key 1
	A281AA32 FFFFFFFF FFFFFFFF FFFFFFFF FFFFFFFF FFFF	FFFFFFFF II A281AA32 II FFFFFFF II FFFFFFFF II FFFFFFFF II FFFFFFFF II FFFFFFFF II	FFFFFFF Unused A281AA32 Used FFFFFFF Unused FFFFFFFF Unused FFFFFFFF Unused FFFFFFFF Unused FFFFFFFF Unused FFFFFFFF Unused

Figure 10

1.11 Read and display the password, and click [OK] button, as shown in Figure 11.

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Key Learning				ŀ
BMW V50.70 > Anti-Theft System				🖽 11.92V
Key Position	Key ID	Key Statu	IS	
Key 1	FFFFFFF	Unused		
Key 2	Key Learning	Used		
Key 3	Secret Key:B659AF6406B61B308658FD0B96F7BA0B	Unused		
Key 4	Secret Key DME: 336154F0B922A35BE077E42FC6676C93 DME ISN:	Unused		
Key 5	336154F0B922A35BE077E42FC6676C93	Unused		
Кеу б	ок	Unused		
Key 7	FFFFFFF	Unused		
Key Generated By Ignition	Switch Key Generated By Programm		Erase	Koy 1
Key Generated by Ignition	Rey Generated by Hogramm		LIUSE	itey i
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Figure 11

1.12 Please place a new key close to vehicle coil, click [OK] button, and wait for key generation, as shown in Figure 12 and 13.

Key Learning			A		F			
MW V50.70 > Anti-Theft System	n		-		🖽 11.			
Key Position	Key ID		Key Status					
Key 1	FFFFFFF		Unused	Unused				
Key 2	A281AA32		Used					
Key 3		Key Learning						
Key 4		Please Place A New Key Close To Vehicle Coil, And Wait For Key Generation.		Jnused				
Key 5								
Key 6		ок			Jnused			
Key 7	FFFFFFF	FFFFFFF		Unused				
Key Generated B	y Ignition Switch	Key Generated By Program	mer	Erase	Key 1			
BMW GT 535i xDrive 2011								





Figure 13

1.13 The dealer key is successfully generated, please try to start vehicle, as shown in Figure 14 and 15.

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Key Learning					
BMW V50.70 > Anti-Theft System		E 11,90			
Key Position	Key ID	Key Status			
Key 1	FFFFFFF	Unused			
Key 2	A281AA32	Used			
Key 3	Key Learning	Unused			
Key 4	Dealer Key Is Generated Successfully, Please Try To Start Vehicle.	Unused Unused Unused			
Key 5					
Key 6	ок				
Key 7	FFFFFFF	Unused			
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BMW GT 535i xDrive 2011					
VIN WBASP2C51BC337850					
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Figure 14

