2019 VW Magotan MQB Key Matching

Function description: 2019 VW Magotan MQB key matching

Supported products: Launch X-431 IMMO PRO/PAD/PLUS/ELITE

Tested models: 2019 VW Magotan MQB, VIN: LFV3A23C6J32***

Procedure:

1. Take IMMO Pro as an example. Enter the VW immobilizer and choose [Anti-Theft Key Matching], as shown in Figure 1.

2:59 V 🛞	⊝ ▼ 🕯 51%
Show Menu	A 🗹 오 🖶 🕞
VW V10.01 > Immobilizer	DLC ⊞12.45V
	Q Please enter keyword
Anti-Theft Key Matching	Immobilizer Module Replacement
Engine Module Replacement	Gearbox Module Replacement
Remote Matching	

VW					
	ک	þ	B	P	5

Figure 1

2. Choose [Key Learning], as shown in Figure 2.

2:59 🖪 🤟 🛞					⊝ ♥ 🖥 51%
Show Menu	f	⊒ ∕	2		F
VW V10.01 > Anti-Theft Key Matching				DLC	Ē=12.45V
			C	Please e	nter keyword
Key Learning					
All Keys Are Lost					

VW						
	ŝ	G	B	P	Ð	
			Figure 2			

3. Connect the X-431 PROGIII and the connector, and choose OK, as shown in Figure 3.

3:00 🗸 🛞					⊖ ♥∎51%
Information	f	Z	\bigcirc	Ē	ŀ
VW V10.01 > Anti-Theft Key Matching				DLC	Ē=12.45V

Please Simultaneously Connect The Diagnostic Connector And Anti-Theft Programmer



Figure 3

4. Choose [MQB Anti-theft System], as shown in Figure 4.

3:00 Vr (第)	⊙ 💎 🖬 51%
Show Menu	A 🗹 오 🖶 🕩
VW V10.01 > Key Learning	DLC 🖽 12.41V
	Q Please enter keyword
Automatic Detection Of Anti-Theft System	K-Line Anti-Theft System
4th Generation Immobilizer	5th Immobilizer
MQB Anti-Theft System	

VW						
	G	þ	Ŀ	P	€	
Figure 4						

5. Choose [Platform Mode], as shown in Figure 5.

3:00 步 ⑧					Θ 🗸 🖬 51%
Show Menu	î	Z	\mathbf{Q}		₽
VW V10.01 > MQB Anti-Theft System				DLC	Ē∃12.41V
			0	Please er	nter keyword
OBD Mode					
Platform Mode					

VW				
	ふ	G	P	D

Figure 5

6. Choose [Dismantle and read anti-theft data], as shown in Figure 6.

3:01 V· ⑧	⊙ ❤ 🖬 51%
Show Menu	A 🗹 오 🖶 🕞
VW V10.01 > Platform Mode	DLC 🖽 12.41V
	Q Please enter keyword
Dismantle and read anti-theft data	Flash&Eeprom Data Decryption
Generate Dealer Key	Learn Key
Immobilizer Status	

VW						
	G	þ	Ŀ	P	Ð	
Figure 6						

7. Choose [View Wiring diagram], as shown in Figure 7.

3:01 산 🛞	⊖ ▼ 🕯 51%
Show Menu	A 🗹 오 🖶 🗗
VW V10.01 > SCM (Single Chip Microcomputer)	DLC
	Q Please enter keyword
Read Chip ID	Backup Complete Data
Restore Complete Data	View Wiring Diagram

VW					
	<u>ک</u>	Ģ	B	2	♪

Figure 7

8. Choose [D70F3529], as shown in Figure 8.

3:02 步 懲	⊝ ▼ 🖬 51%
Show Menu	A 🗹 오 🖶 🕞
VW V10.01 > NEC35XX	DLC 🖽 12.41V
	Q Please enter keyword
A2C81589600	A2C81589700
D70F3526	D70F3529

VW						
	ŵ	б	B	P	Ð	
			Figure 8	3		

The chip model D70F3529 is on the back of the instrument, as shown in Figure 8-1.





9. Choose [Pin-up wiring diagram], as shown in Figure 9.

3:02 🖖 🛞		⊝ 💎 🖬 51%
Show Menu	♠ 🗹	
VW V10.01 > D70F3529		DLC
		Q Please enter keyword
Pin-up wiring diagram		
Secant wiring diagram		

VW						
	<u>ک</u>	þ	B	P	Ð	
		_				

Figure 9

10. Use USB to connect the diagnostic connector and tablet device, connect according to the wiring diagram, and select OK, as shown in Figure 11.



Connect To The ECU According To The Wiring Diagram.

The Current Read/Write Data Volume Is Large. To Improve Communication Stability, Use The USB For Connection.







11. After the wiring is successful, choose [Read Chip ID], as shown in Figure 12.

3:01 \ \ \ \	⊖ → 51%
Show Menu	A 🗹 오 🖶 🕞
VW V10.01 > SCM (Single Chip Microcomputer)	DLC 🖽 12.41V
	Q Please enter keyword
Read Chip ID	Backup Complete Data
Restore Complete Data	View Wiring Diagram

VW				
	G	B	P	1

Figure 12

12. The chip ID is successfully read and the wiring is normal. Select OK, as shown in Figure 13.

3:13 V· 🛞						⊝ 💎 🖬 51%
Show Menu		A	Z		ē	ŀ
VW V10.01 > SCM (Single Ch	nip Microcomputer)					Ē=12.40V
				C	Please en	ter keyword
Read Chip ID	R	ackun Complete F	lata			
	Informatio	on				
Restore Complete Data	10000144373046333532392020F	FFF1F00FF7F0002	20400			
	ОК					
VW						
		P	Ð			
	Figu	re 13				

13. Choose [Back Up Complete Data], as shown in Figure 14.

3:01 业 ⑧	⊙ ▼ 🖬 51%
Show Menu	A 🗹 오 🖶 🕩
VW V10.01 > SCM (Single Chip Microcomputer)	DLC
	Q Please enter keyword
Read Chip ID	Backup Complete Data
Restore Complete Data	View Wiring Diagram

VW				
	G	B	P	Ð



14. Reading the data...Please wait, as shown in Figure 15.

3:14 ৬ 🛞			⊙ ▼ 🖬 51%
Show Menu		♠ 🗹	2 ā P
VW V10.01 > SCM (Single Ch	hip Microcomputer)		Ē=12.42V
			Q Please enter keyword
Read Chip ID	P	Backup Complete Data	
	Notes		
Restore Complete Data	Calculating, This Process Please Wait	May Last 1-5 Minutes,	
	END SESS	ION	
VW			
	6 E 🖾	₽ t)
	Figure 1	15	

15. It will read FLASH and EEPROM data in turn, please wait, as shown in Figure 16.

3:17 산 🛞								Θ 🛡 🗎 51%
Show Menu				A	Z		Ē	P
VW V10.01 > SCM (Single Ch	nip Micro	ocomputer)						⊞12.41V
						C	Please e	nter keyword
Read Chip ID			Backup	Complete	Data			
		N	otes					
Restore Complete Data	C	Reading EEPROM, Pro	gress:					
		SZ 10						
	END SESSION							
VW								
	G			P	Ð			

Figure 16

16. After the data is read successfully, enter the name of the saved file and select OK, as shown in Figure 17 (the Chinese name is not supported for the time being).

3:18 ৬ 🛞					⊝ 🗢 🕯 50%
Information		A	Z	<u>Q</u>	i P
Input The Name Of The Saved File, Which Contains Only Characters From 0 To 9, a To z, A To Z, And Special Characters (Full Stops, Commas, Spaces, Underscores):	mqbyuan				
VW					Confirm
	r a		◆		
17. Select the save path and 3:18 산 ⓒ	Fillselect OK, as sh	igure 17 Iown in Figure 1	8.		⊙ ❤ ₽ 50%
/storage/emulated/0/cnlaunch/X43	1Pro/988770001104/	DIAGNOSTIC/Immo	Data/IMM(C_VW/m	qbyuan.bin
∧ Back to Up Page					
Home					
ОК			CANC	EL	
<u>ج</u>			ſ		
		1.0			

18. Confirm the save path and select OK, as shown in Figure 19.

3:19 ৬ 🛞								Θ 💎 🗎 50%
Choose File For Save				A	E	2	Ē	ŀ
/storage/emulated/0/cnla	unch/X431P	ro/9887700	01104/DIAGNO	STIC/Immo	Data/IMN	/IO_VW/n	nqbyuan	.bin
A Back to Up Page								
			Information					
Home	Selected	File Is:/stora	ge/emulated/0/ci	nlaunch/X43	1Pro/			
	mqbyuan	bin	105 HC/IIIIII0Dat		/			
			OK					
			UK					
								_
	ОК				CAN	CEL		
	ស្ន	G	(J)	P	Ð			
			Figure 19					

19. Select [Flash&Eeprom Data Decryption], as shown in Figure 20.

3:19 🖑 🛞	⊝ ❤ ∎ 50%
Show Menu	A 🗹 오 🖷 🕩
VW V10.01 > Platform Mode	DLC 🖽 12.41V
	Q Please enter keyword
Dismantle and read anti-theft data	Flash&Eeprom Data Decryption
Generate Dealer Key	Learn Key
Immobilizer Status	

VW					
	Ę۲	þ	B	P	5

Figure 20



20. Select the instrument data read before and select OK, as shown in Figure 21.

3:21 V ⑧	⊝ 💎 🖬 50%
Choose File 🔶 👱 膏	ŀ
/storage/emulated/0/cnlaunch/X431Pro/988770001104/DIAGNOSTIC/ImmoData/IMMO_VW/mqbyuan	.bin
nqbyuan.bin	
P MED17.1.27_TC1793_41C80D07D1C3E45D170C002011000000_FLASH_20230413193454.bin	
P MED17.1.27_TC1793_41C80D07D1C3E45D170C002011000000_EEPROM_20230413191954.bin	
MEVD17.2_4180830706E09F177408001011140300_FLASH_20230427130519_101F_OFF.bin	
DQ200G2EEPROM_47800KM.bin	
Immo5_LFV3B28R2C3014452.bin.bin	
OK CANCEL	
Figure 21	

21. The parsing is successful. Record the CS code of the car and select Confirm, as shown in Figure 22.

3:21	
Information	
VW V10.01 > Information	DLC ⊞12.41V
Immobilizer Data	Value
VIN (Vehicle Identification Number) :	LFV2A23C2K3158079
CS:	82D8BA52D7585B7B7DE55DBCAFDA9EB3
Power Level:	D5
Return	Confirm
VW	

Figure 22

22. Choose [Generate Dealer Key], as shown in Figure 23.

3:21 步 ⑧	⊝ ▼ 🗎 50%
Show Menu	A 🗹 오 🖶 🕞
VW V10.01 > Platform Mode	DLC 🖽 12.41V
	Q Please enter keyword
Dismantle and read anti-theft data	Flash&Eeprom Data Decryption
Generate Dealer Key	Learn Key
Immobilizer Status	

VW							
	ŝ	þ		P	Ð		
Figure 23							

23. Put the original car key into the programmer and select OK, as shown in Figure 24.

3:22 ♥・ ⑧								
Show Menu				A	E		ē	P
VW V10.01 > Platform Mode)							⊞12.43V
						C	Please er	nter keyword
Dismantle and read anti-	theft data	Infor	Flash&Fe	pprom Da	ta Decryn	tion		
Generate Dealer Key	For Th Origina Anti-Th	e 5th Generation Key, al Key Data. Please Pla neft Key Matching Ada	It Is Necessar ace The Origir optor	ry To Reac nal Key Int	l The to The			
Immobilizer Status								
			ЭК					
VW								
	<u>ل</u>		B	P	Ð			

Figure 24



24. The original car key is successfully read. Put in the blank key that needs to be matched and select OK, as shown in Figure 16.

3:28 🖬 🖑 🛞								⊝ 💎 🔒 50%
Show Menu				A	Ľ	2	ē	₽
VW V10.01 > Platform Mode								Ē 12.41V
						0	Please e	nter keyword
Dismantle and read anti-t	heft data		Elash&E	enrom Dat	a Decryp	ti <mark>on</mark>		
		Inf	ormation					
Generate Dealer Key	Original Key Blank Key	Data Is Succe	essfully Read, P	lease Inser	t a			
Immobilizer Status								
			ок					
VW								
	ŵ	6		P	Ð			

第 15 页 共 22 页

25. Choose [VW], as shown in Figure 26.

3:38 V- (\$)	ා 🗢 🗢 🕯 49%
Show Menu	A 🗹 오 🖶 🕞
VW V10.01 > Information	DLC 🖽 12.40V
	Q Please enter keyword
SEAT	VW
Skoda	AUDI

VW						
	لک	G	B	P	Ð	
			Figure 26	5		

26. The dealer key is successfully generated. Select OK, as shown in Figure 27.

3:39 🖖 🛞								⊙ 💎 🖬 49%
Show Menu				A	Ľ	2	ē	P
VW V10.01 > Information								⊞12.43V
						C	Please er	nter keyword
SEAT			V/W/					
		1						
Skoda	Dealer Ke	ey Is Generate	d Successfully					
VW								
	۵	G	J.	P	Ð			

27. After restoring the instrument, install it on the car, connect the device to the car, and choose [Learn Key], as shown in Figure 28.

3:21 步 ⑧	⊝ ❤ 🛱 50%
Show Menu	A 🗹 오 🖶 🕒
VW V10.01 > Platform Mode	DLC ⊞12.41V
	Q Please enter keyword
Dismantle and read anti-theft data	Flash&Eeprom Data Decryption
Generate Dealer Key	Learn Key
Immobilizer Status	

vw GRANDE CONSTRUCTION CONSTRUCTUON CONSTR

28. Enter the number of keys to be learned and select OK, as shown in Figure 29.

3:39 산 🛞		 			<u> </u>	⊙ 💎 🖬 49%
Information		f	₹	2		ŀ
Please Input The Number Of Keys To Be Learned:	2	8				
VW					Co	onfirm

ß

P

Ð

្រ

þ

29. The current key is a smart key. Select Yes, as shown in Figure 30.

3:39 V-®							⊝ 💎 🖬 49%
Information				A	Z	ē	F
Please Input The Nur Keys To Be Learned:	nber Of 2			8			
			Information				
	Is The Curre	ent Key a S	mart Key?	YES			
VW						Co	onfirm
	ک	þ	B	P	Ð		
		Fi	igure 30				

30. Keep the key in the sensing area on the right side of the steering column and select OK, as shown in Figure 31.

3:40 방 ()						⊝ 💎 🖬 49%
Information			A	E	ē	P
Please Input The Nu Keys To Be Learned:	Please Put The Ke Start/Stop Button Attention: 1. Do Not Turn Off Process 2. Put The End Of Induction Coil Duri 3. Key Learning Fa	Information by Close To The Induc To "On" Position f Ignition Switch Durin The Key With The Braing Key Learning. ailed. Online Key Lear	tion Coil And ng Key Learni and Close To ning Is Needo	Turn ing The ed.		
		UK				
VW					C	onfirm
		B	P	Ð		

第 18 页 共 22 页



31. The instrument displays 0-2 and enters the learning mode, as shown in Figure 32.



32. The first key is successfully learned, and the instrument displays 1-2, as shown in Figure 33.





33. After the first key is successfully learned, directly replace it with the second key and paste the second key on the sensing area, as shown in Figure 34.

5:22 U 🛞							\odot	⊝ 💎 🖬 46%
Information				A	E	2	Ē	P
Please Input The Nu Keys To Be Learned:	Place T Turn Numbe 1/2 Cautio	2 The Keys To Be er Of Keys Learr n: Do No Turn O	Information Learned Aroum ned/Number Of Off Ignition Swi END SESSION	d Ignition Swit Keys To Be La	ch In earned:			
VW							Co	onfirm
	ک	G		P	Ð			

Figure 34



34. The second key is successfully learned, and the instrument displays 2-2, as shown in Figure 35.

Figure 35

35. After the data is saved, the function is completed, as shown in Figure 36.

8

5:22 ¥ 🔅		A				0	⊝ 💎 🖬 46%
Information				A	Ľ	ē	₽
Please Input The Nu Keys To Be Learned:	mber C	D f 2	Notes v Number	8			
			END SESSION				
VW						C	onfirm
	ធ្វ	G	æ	P	Ð		



Statement:

The content of this document is copyrighted by Shenzhen Launch Tech Co.,

Ltd., and no individual or organization may quote or reprint it without consent.