VW/Audi Diagnostic Firewall Deactivation Operation Instructions

Function Execution Background

If the diagnostic firewall of some 2024MY Audi and VW models is activated, the matching, basic setting, coding, and other functions of the control unit will not be able to be executed normally. Therefore, the diagnostic firewall must be deactivated.

Procedure

1. Turn on the ignition switch, connect to the diagnostic connector, and choose VW V29.05 or a later version.
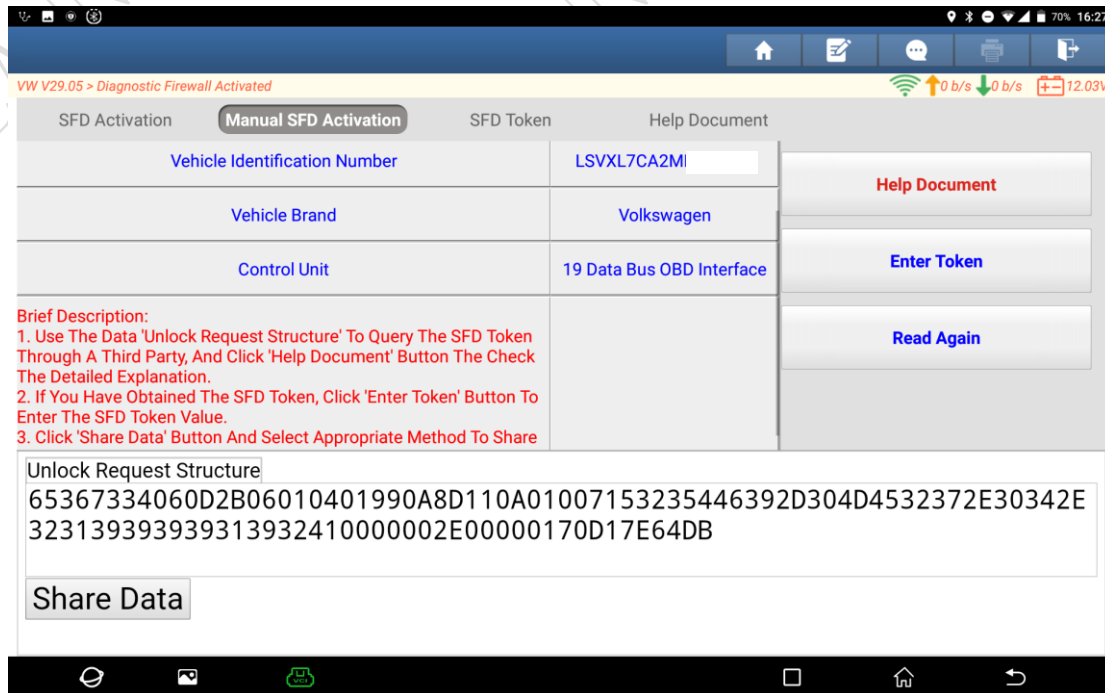2. Choose [Full Systems List] or other main menus.
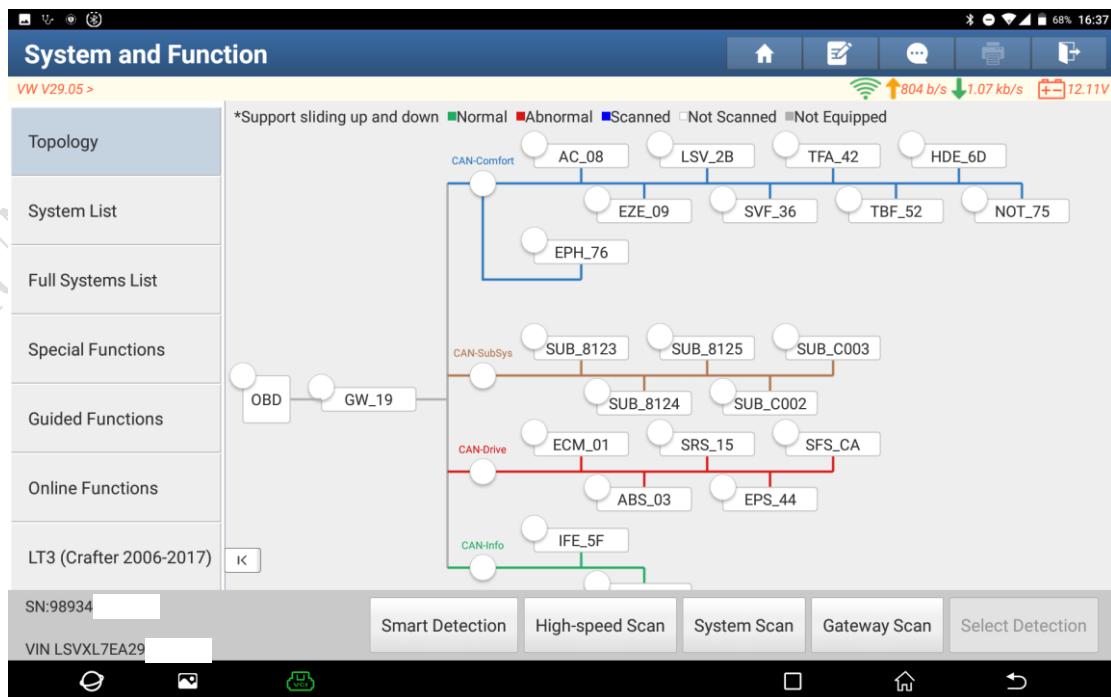
3. If the diagnostic firewall is active, the following prompt information will appear.
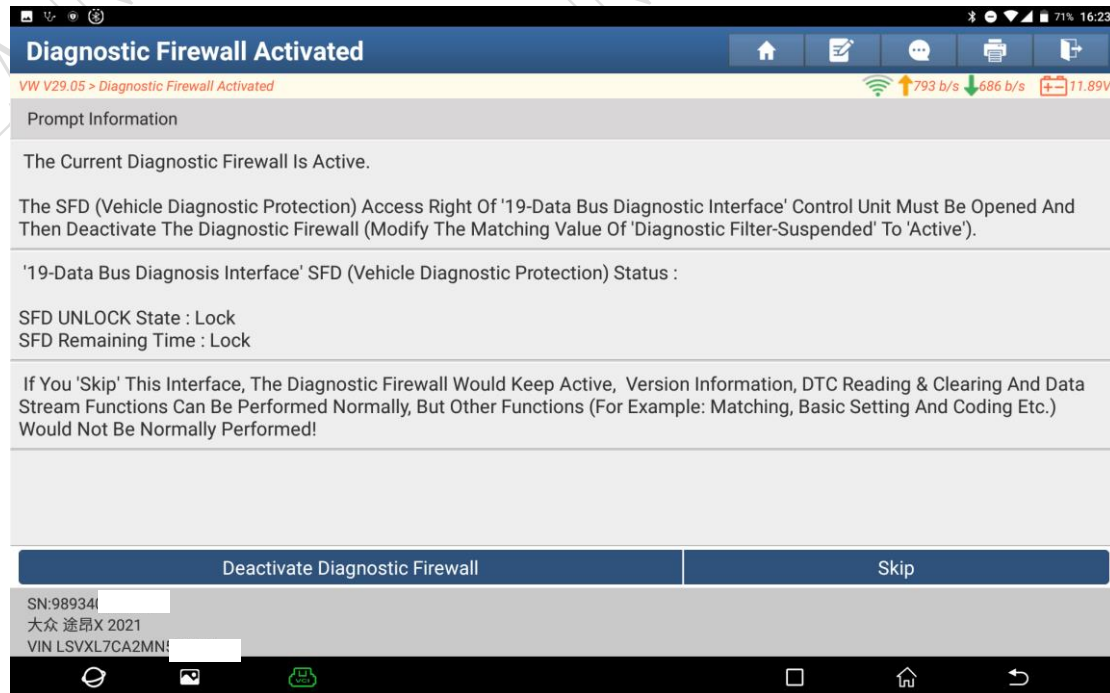
4. Click "Deactivate Diagnostic Firewall" to first execute the SFD (Vehicle Diagnostic Protection) activation function of the 19 system.
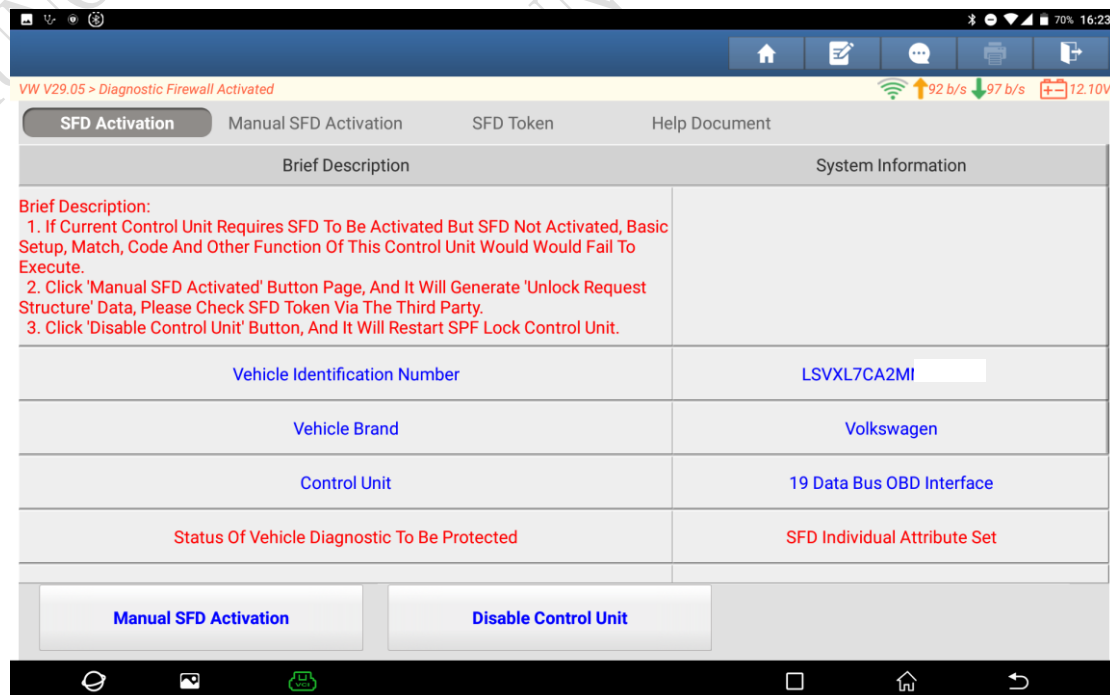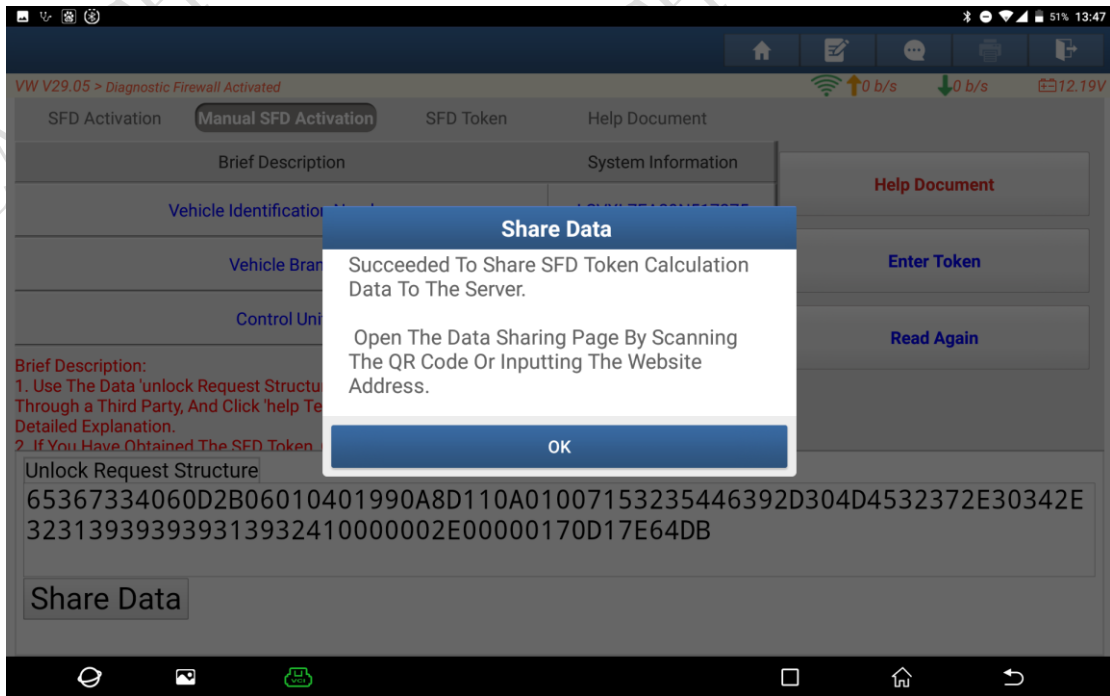
5. At this time, the SFD is in the locked status. Choose "Manual SFD Activation".

6. Next, click "Share Data". There are three share ways. Here we use the server mode to share and obtain data.
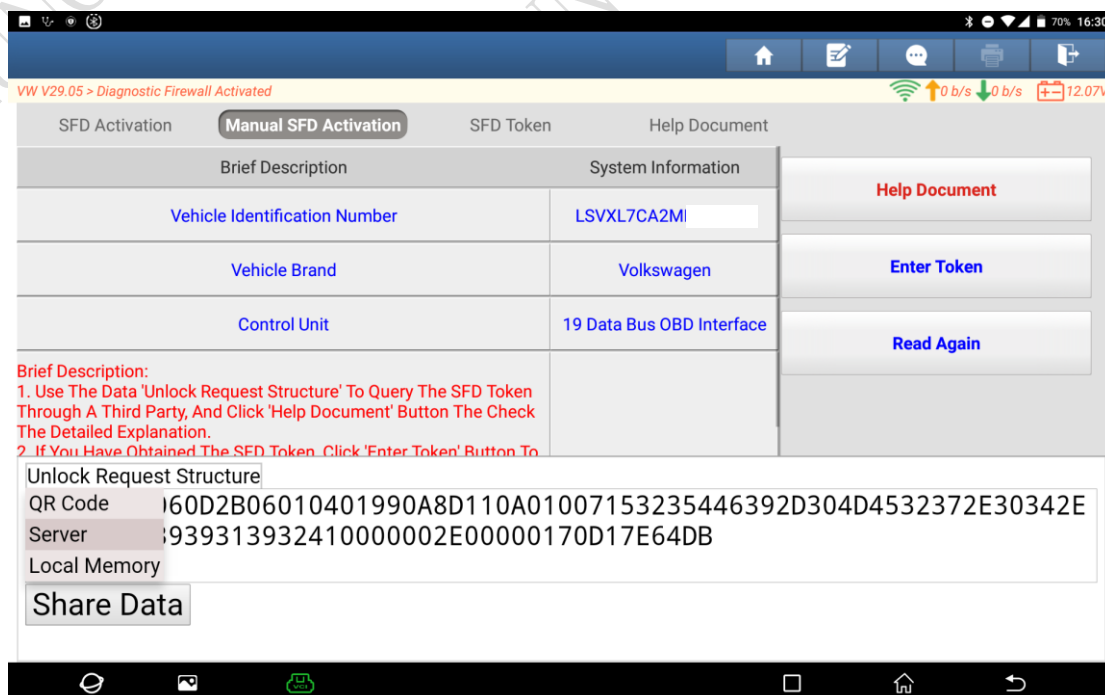
7. Choose the "Server" option, share the data of "Unlock Request Structure" to the server, click OK, and then scan the QR code with WeChat/Alipay on your phone, or input the website address on the web browser of your phone or computer to access the data sharing page.

VW V29.05 > *Diagnostic Firewall Activated*

SFD Activation | Manual SFD Activation | SFD Token | Help Document

Brief Description	System Information

Vehicle Identification

Vehicle Bran

Control Uni

Help Document

Enter Token

Read Again

Brief Description:
1. Use The Data 'unlock Request Structu
Through a Third Party, And Click 'help Te
Detailed Explanation.
2. If You Have Obtained The SFD Token.

Share Data

Succeeded To Share SFD Token Calculation Data To The Server.

Open The Data Sharing Page By Scanning The QR Code Or Inputting The Website Address.

OK

Unlock Request Structure
65367334060D2B06010401990A8D110A01007153235446392D304D4532372E30342E
3231393939393931393241000000002E00000170D17E64DB

Share Data

VW V29.05 > *Diagnostic Firewall Activated*

Manual SFD Activation

https://diagnostic.x431.com/dos/css/sdvsu/LSVXL7CA2MI_____0x0019_D2957A6E337AF7657F5F315E5657730
locale=EN

8. The data sharing page opened on the phone or computer is as follows.

SFD Data Share

ID	LSVXL7EA29l ‹0019_D2957A6E337AF7657F5F315E56577301
SFD Request Data Type	Text
SFD Request Data	Copy Select All

Vehicle Identification Number : LSVXL7EA2!

Vehicle Brand : Volkswagen

Control Unit : 19 Data Bus OBD Interface

Unlock Request Structure :

65367334060D2B06010401990A8D110A01007153235446392D304D4532372E30342E3231393939393931393241000002E00000170D17E64DB

SFD Token Type	Text ▾
SFD Token	Copy Select All Clear All

[Submit SFD Token]

9. Copy the data of "Unlock Request Structure", send it to a third party (Taobao seller, etc.) for calculation, paste the calculated SFD token value in the "SFD Token" box, and then submit the token data until a success message is displayed, as shown in the figure below.

SFD Data Share

ID	LSVXL7EA29N: 019_D2957A6E337AF7657F5F315E56577301
SFD Request Data Type	Text
SFD Request Data	Copy Select All

Vehicle Identification Number : LSVXL7EA29

Vehicle Brand : Volkswagen

Control Unit : 19 Data Bus OBD Interface

Unlock Request Structure :

65367334060D2B06010401990A8D110A01007153235446392D304D4532372E30342E3231393939393931393241000002E00000170D17E64DB

SFD Token Type	Text ▾
SFD Token	Copy Select All Clear All

7F218201D17F4E495F290170420D444555565747505346000001227F4C33060D2B06010401990A8D110A02000153224258312D32343730342E
31312E32333637353830363234020101000000018E4F925FCB5F37820180075B4FC3CD30BA8B201DC90C14575FBF300E1C01E565891614111E
945CF28FC509002B4E2892D3D0EFE795292E520DFE74E75910D436CCDC2BEF78D513B163B66E2B0C9A035604104271ACBD446208CF861
6B230011BB4A3754ECE3136D6335C723646D0A69948159EB68F8E70FFBA70079BB15986EF9A57738317B5E7713570224CF14AB7B2076FFE
7D0CD054415F868F600A4D85B92FE0759C1B79689C07795B49877254B80249609E0EAFA1A82B1869BAA0F5850BE33D6BF02285388412083
1E07ED65EB1688F80382F30E03C64CB291EF4708B66FB1F95580706784D038445C5C805641796C75BA80CF98CA6971E647A0AEF5A8BA38
D8DAF37038BEC9B050DAA7CFACB6B7A291E64F642C2D6359DDFECDBDD7511C182FE038BC79FCCF449DED4B7AFE444374C413BEB87E
79D62261D5672E205FC9BFDD349BAF911F956635A6C729A3A394655EBBD773DF0111016B2B3BBE70FBC0EB61CA80352CA96AE2DD60556
7F07B0BA3108602D8BFFA7CD6699DCCC4D2F922AEE3BF1CAF9D5DEBD32

[Submit SFD Token]

10. Next, choose "SFD Token" in the diagnostic device, and then choose the "Server" option from the "Get Data" button to obtain the SFD token data submitted in the previous step.

11. After obtaining the SFD token data, click "Activate Control Unit" to unlock. An unlocking success message is displayed, as shown in the figure below.
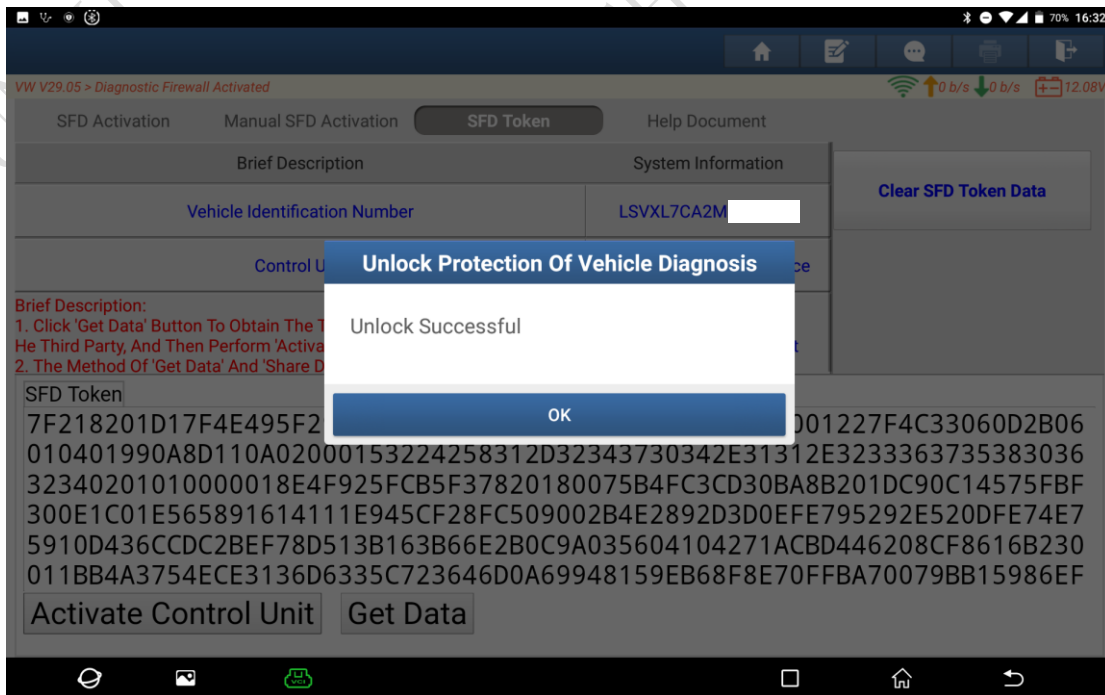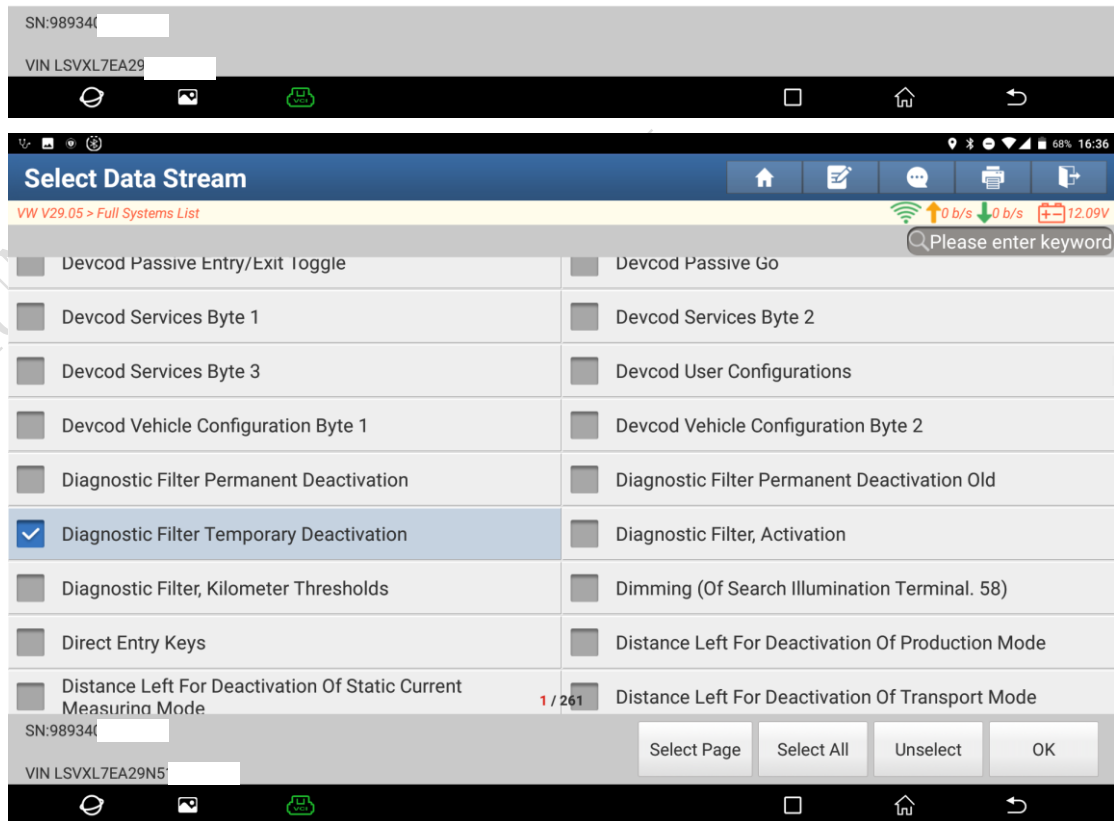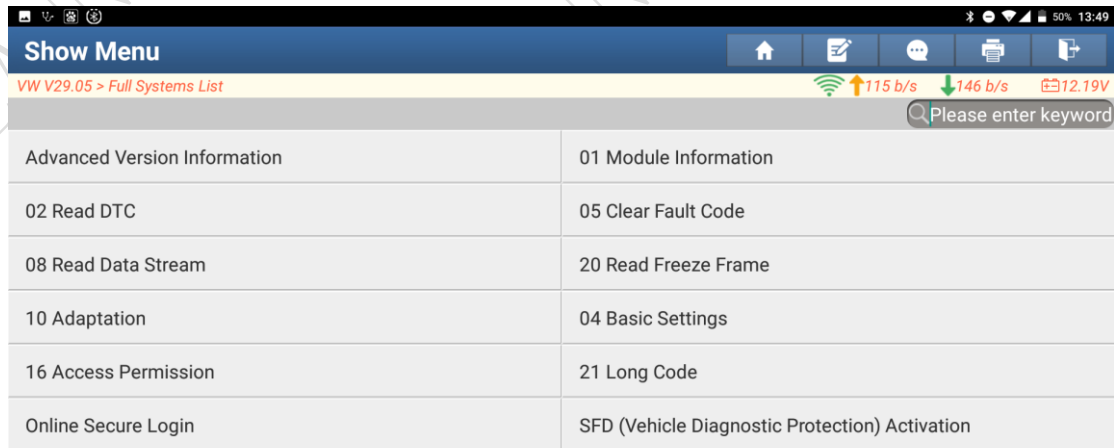
12. After successful unlocking, click OK, and then click the back icon. The diagnostic firewall will be automatically deactivated and enter the system list.
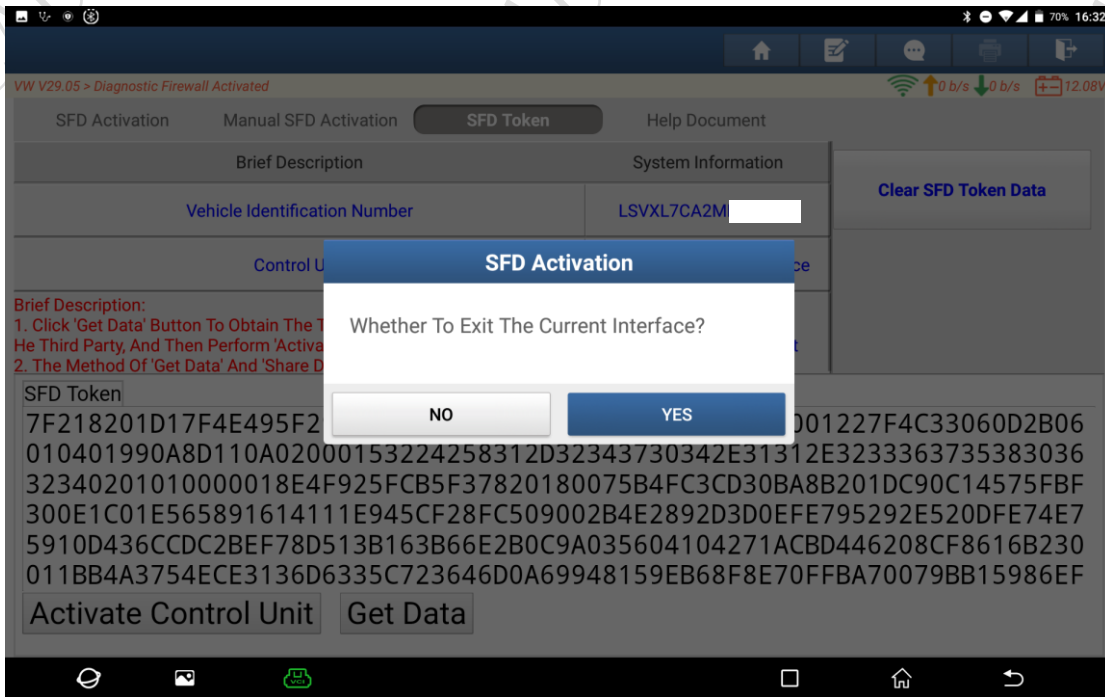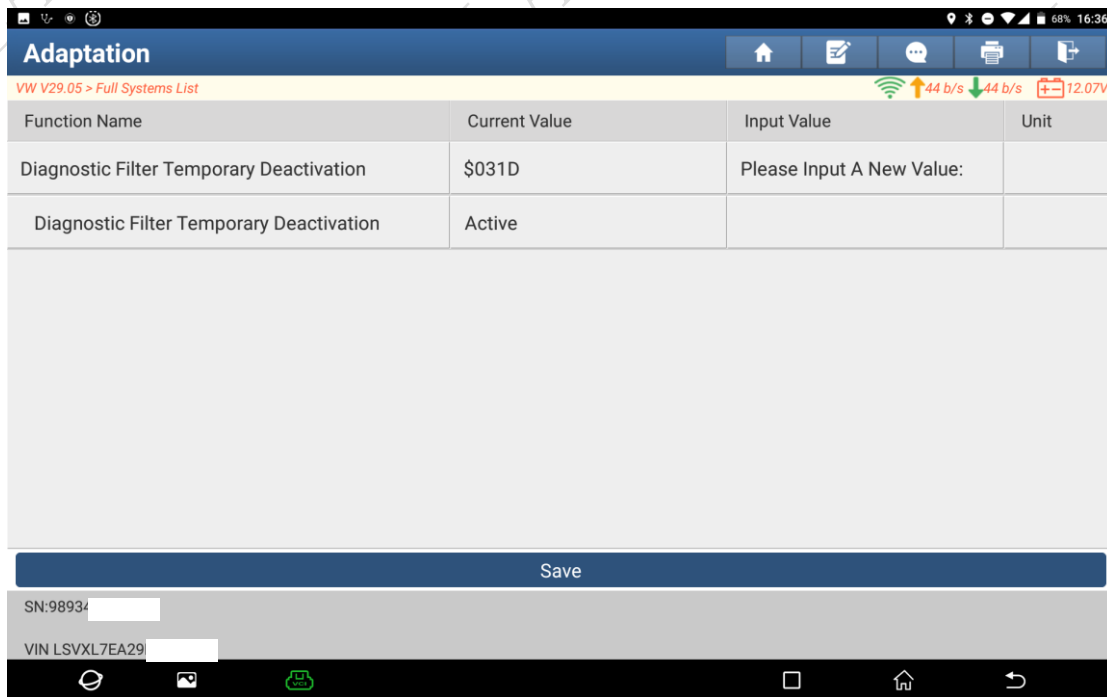

13. Then, access [19 Data Bus OBD Interface] to check whether the diagnostic firewall is successfully deactivated.
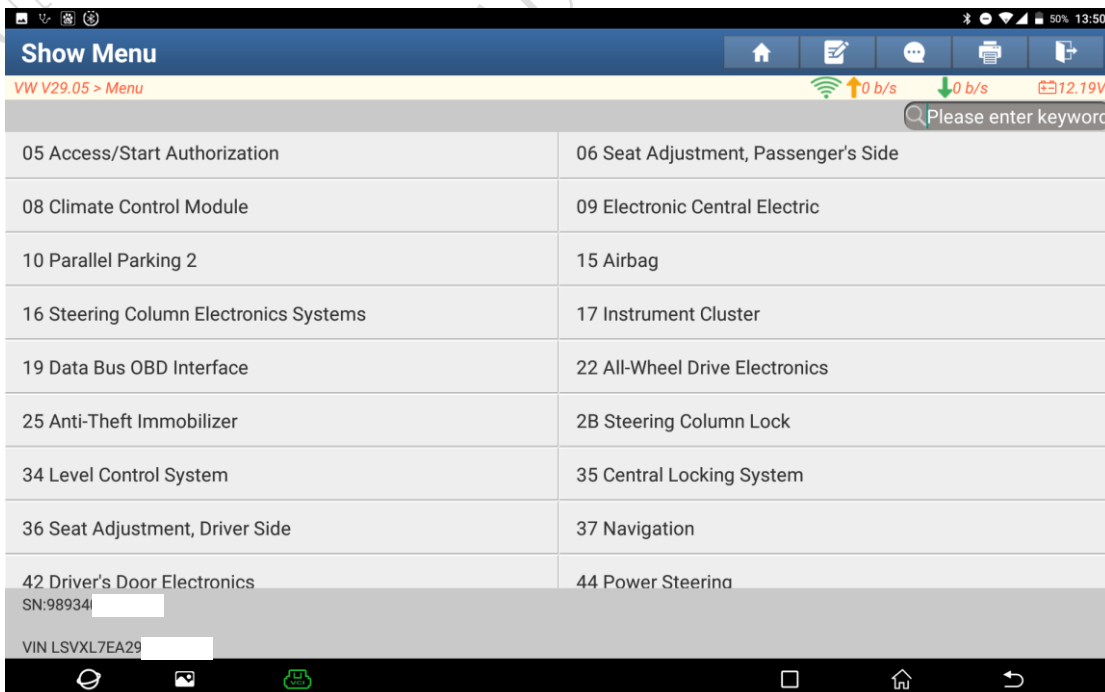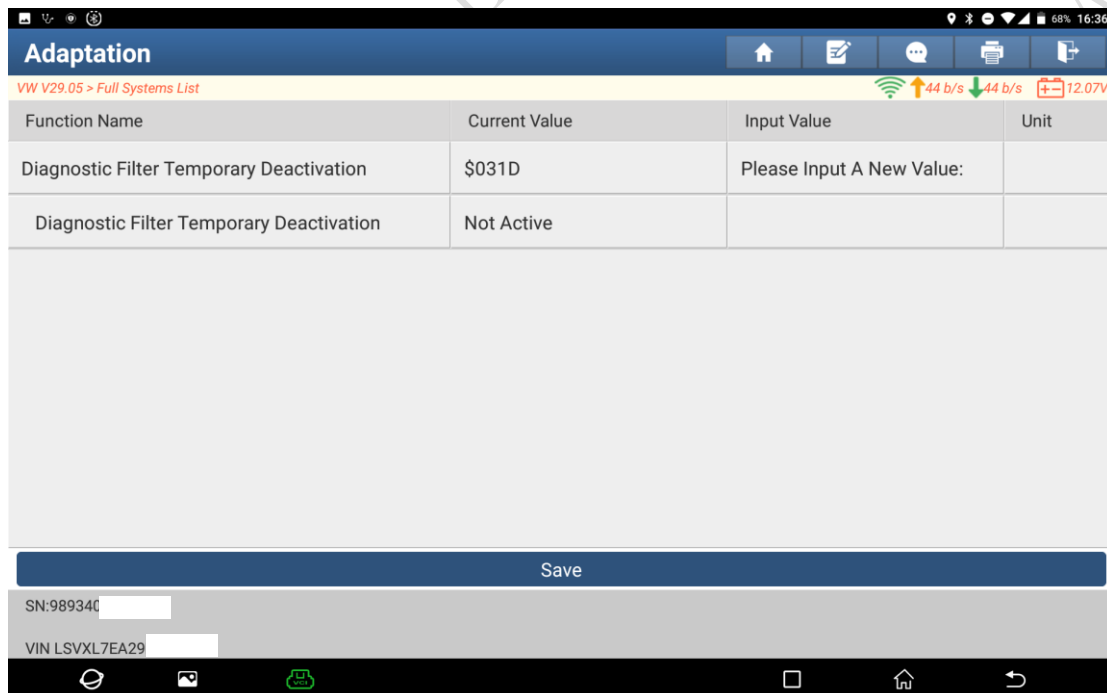
14. Then, choose [10 Adaptation] and choose "Diagnostic Filter Temporary Deactivation".

15. If the current value of "Diagnostic Filter Temporary Deactivation" is "Active" (as shown in the figure below), it indicates that the diagnostic firewall has been deactivated. You can return to the menu to perform the corresponding diagnostic function.

Function Name	Current Value	Input Value	Unit
Diagnostic Filter Temporary Deactivation	$031D	Please Input A New Value:	
Diagnostic Filter Temporary Deactivation	Active		

Save

SN:98934
VIN LSVXL7EA29

16. If the current value of "Diagnostic Filter Temporary Deactivation" is "Not Active", you need to manually change the matching value. First click the line below "Please Input A New Value" and then choose "Not Active".

Function Name	Current Value	Input Value	Unit
Diagnostic Filter Temporary Deactivation	$031D	Please Input A New Value:	
Diagnostic Filter Temporary Deactivation	Not Active		

Save

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Show Menu

VW V29.05 > Full Systems List   12.22V

🔍 Please enter keyword

Active

Not Active

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Adaptation

VW V29.05 > Full Systems List   0 b/s 0 b/s   12.07V

Function Name	Current Value	Input Value	Unit
Diagnostic Filter Temporary Deactivation	$031D	Please Input A New Value:	
Diagnostic Filter Temporary Deactivation	Not Active	Not Active	

Save

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VIN LSVXL7EA29

17. Then, click "Save". The current value of "Diagnostic Filter Temporary Deactivation" changes to "Active". The diagnostic firewall deactivation procedure is completed. You can return to the menu to perform the corresponding diagnostic function.

Function Name	Current Value	Input Value	Unit
Diagnostic Filter Temporary Deactivation	Passed	Please Input A New Value:	
Diagnostic Filter Temporary Deactivation	Active	Not Active	

Save

SN:98934

VIN LSVXL7EA29N51
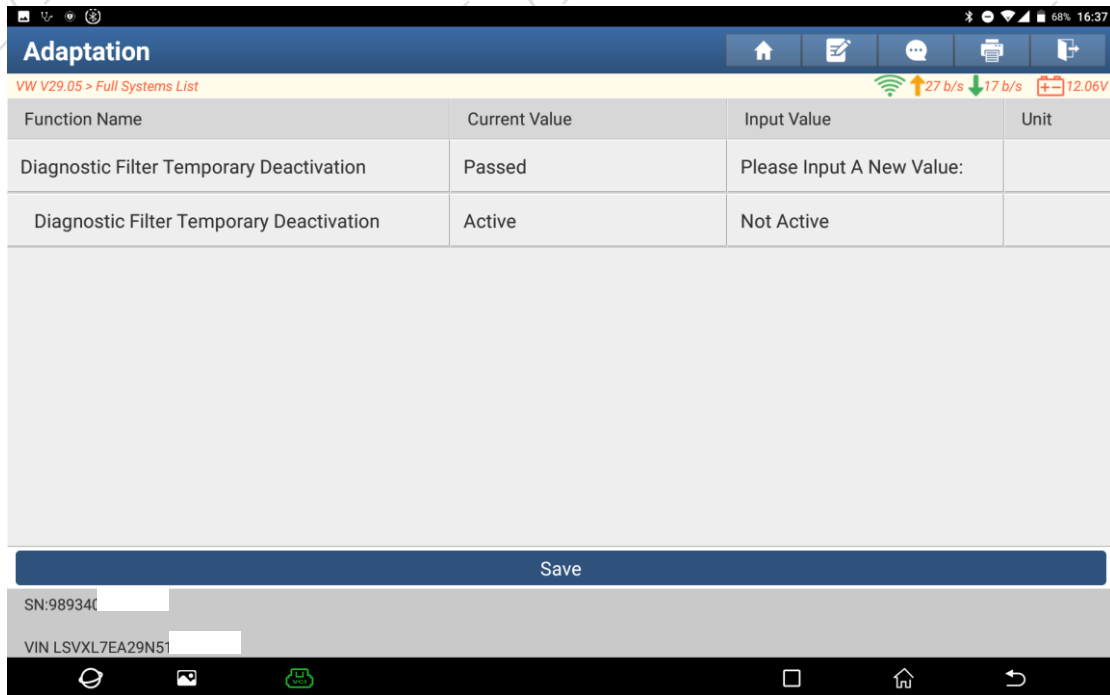
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