

Instructions for Replacement of Steering Column

Function Description

1. After replacement of steering column for Shanghai VW New Lavida (VIN: LSVFV6187E2193873), if the steering system fault indicator inside the instrument panel illuminates, perform this operation.
2. If the DTC “P106900 - Crash Shut-Off Was Triggered” exists in the system, perform this operation.

Attentions

1. Switch on the ignition.
2. Keep the battery voltage above 12V.

Instructions

1. Only for New Lavida, Gran Lavida, New Santana and New POLO produced by Shanghai VW. Choose VW V28.80 > System Selection > 44 Power Steering. See Figure 1.

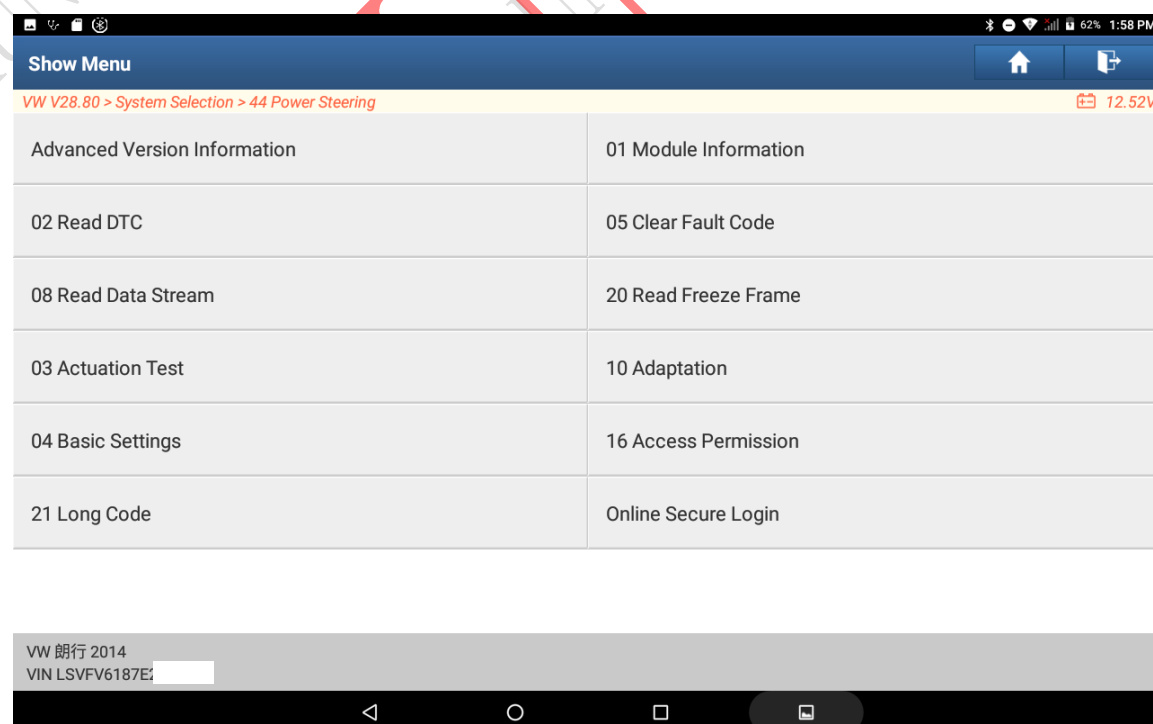
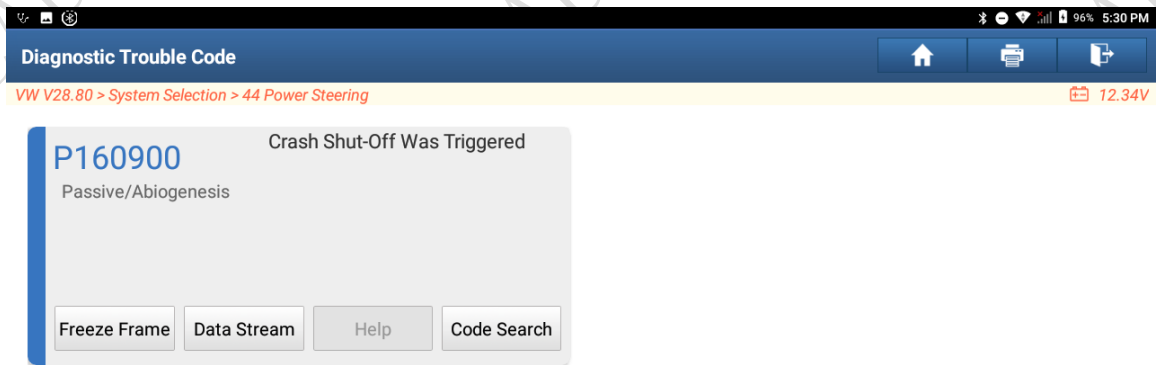


Figure 1

- Then perform [Read DTC]. The message “P106900—Crash Shut-Off Was Triggered” is displayed. See Figure 2. When the DTC cannot be cleared, perform the next step.



- First perform [16 Access Permission], and input “20103”. See Figure 3. Perform the next step after successful login.

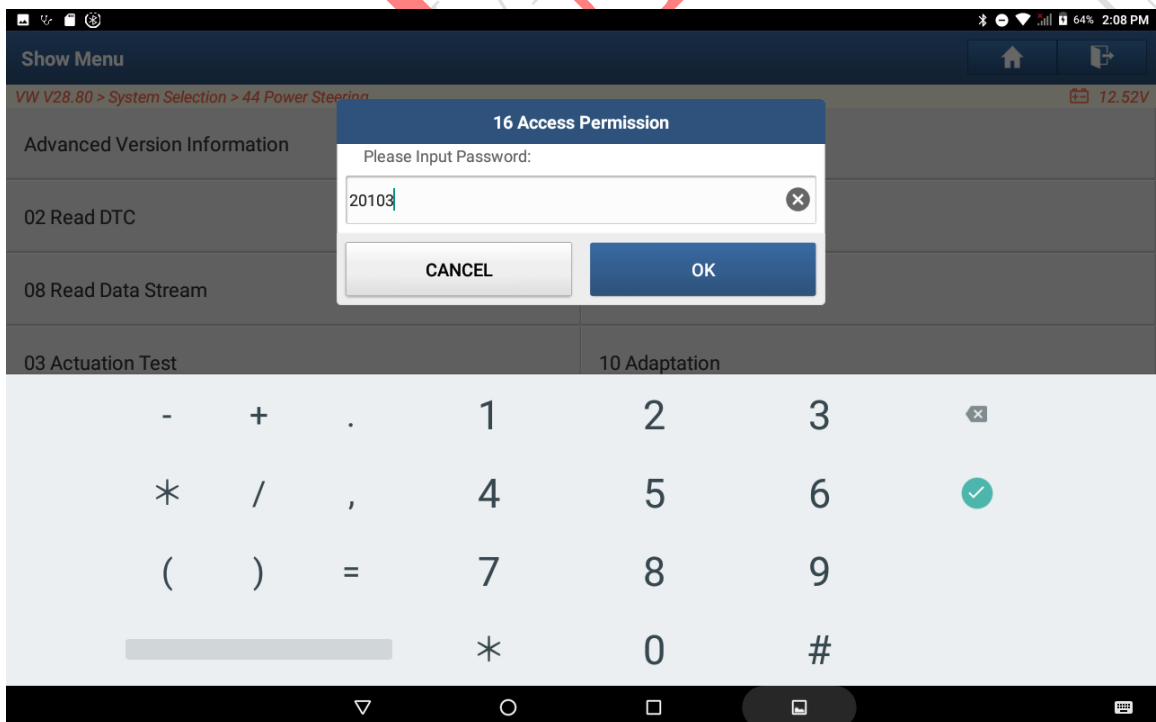


Figure 3

4. Perform [Adaptation], and click Resetting of All Adaptation Values. See Figure 4.

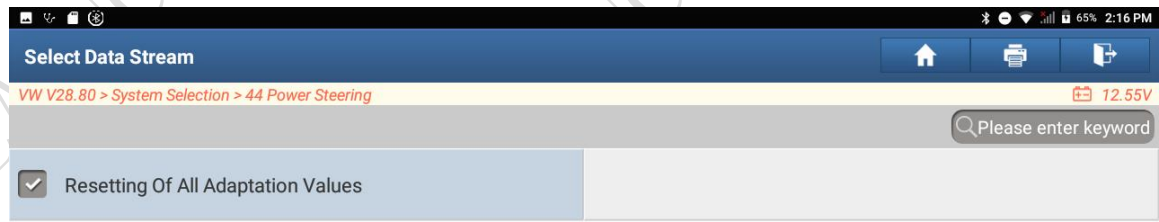


Figure 4

5. Perform [Resetting of All Adaptation Values]. See Figure 5. After it is successfully performed, take the next step.

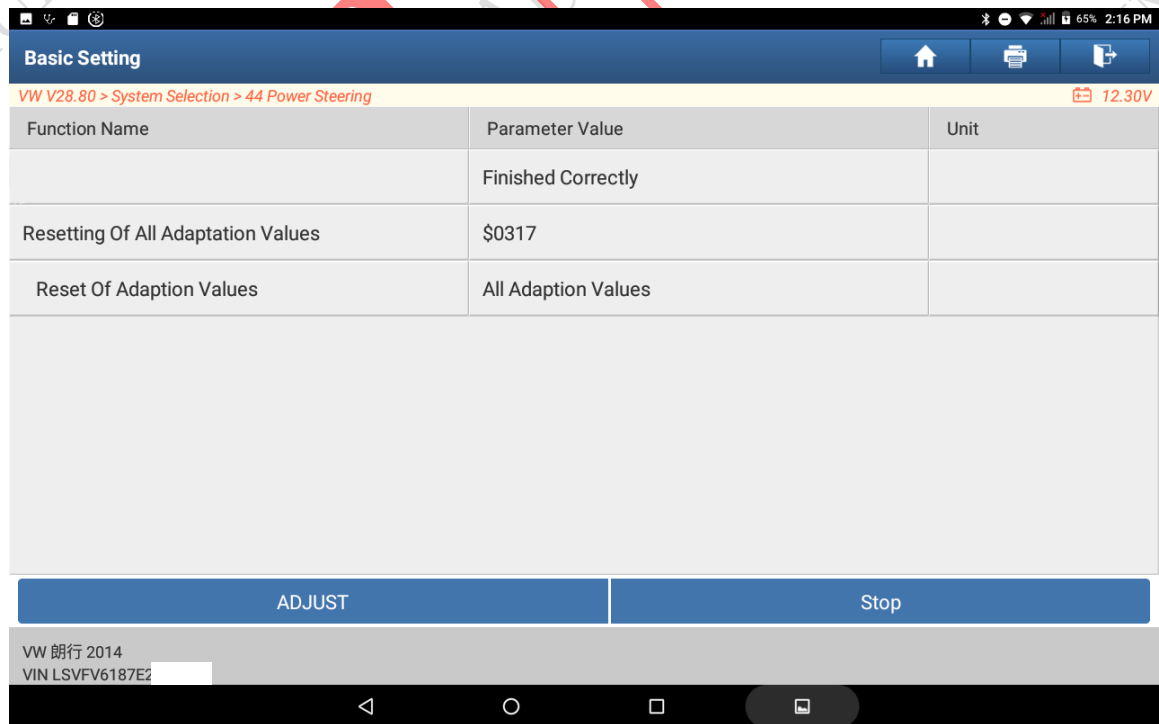


Figure 5

- Then perform [Clear DTC]. If it succeeds, the instrument malfunction indicator lamp will go out.

Maintenance Tips

Car models which are equipped with CEPS steering system (New Lavida, Gran Lavida, New Santana and New POLO), Crash Protection is newly added to the Power Steering Controller Software. During the dismantling of Steering Column, if the SRS reset ring is not in its normal position, the steering angle signal may be abnormal and trigger the controller to start this function, which may cause the false alarm of steering MIL.

Basic Setting and Software Refreshing of VW NSK Second-Generation Steering Wheel System

Tested Model:

VW, New Lavida 184*/New Gran Lavida/New Cross Lavida 185*, VIN code: LSVNV4188FN0 8****

Background of Function Execution

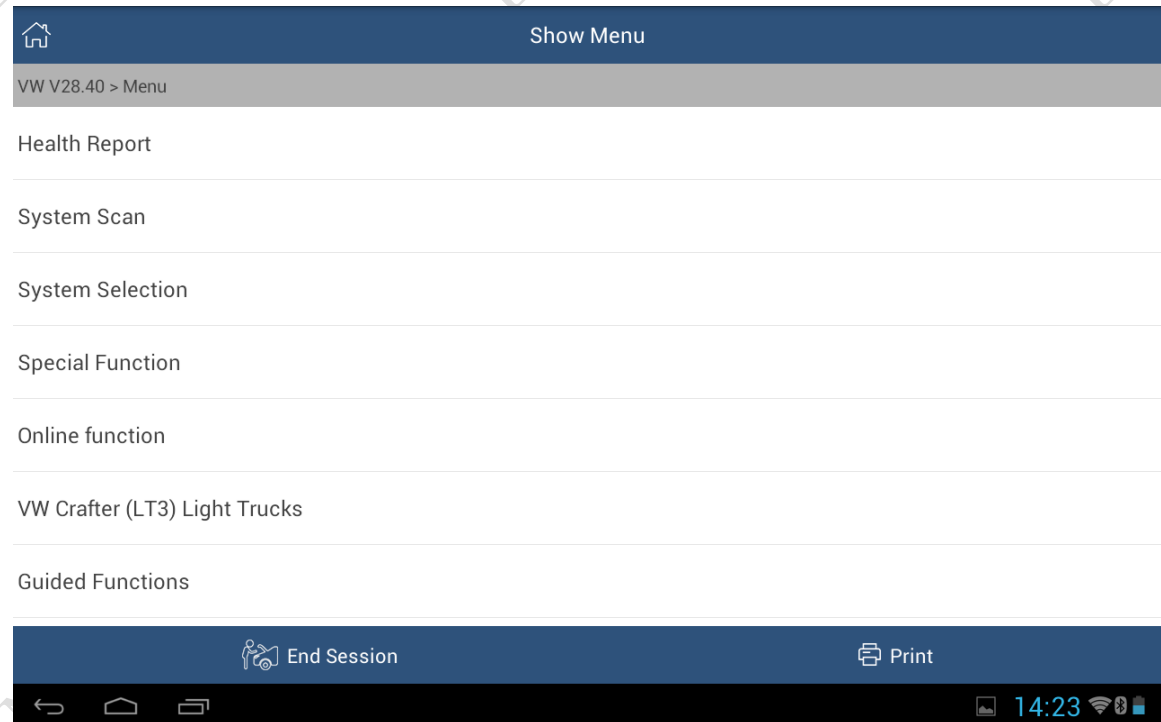
The vehicle is equipped with second-generation NSK steering wheel, after the replacement of the steering wheel, the steering system warning lamp on the combination instrument will light up.

The following DTCs in the “44 Power Steering System” are not able to be cleared.

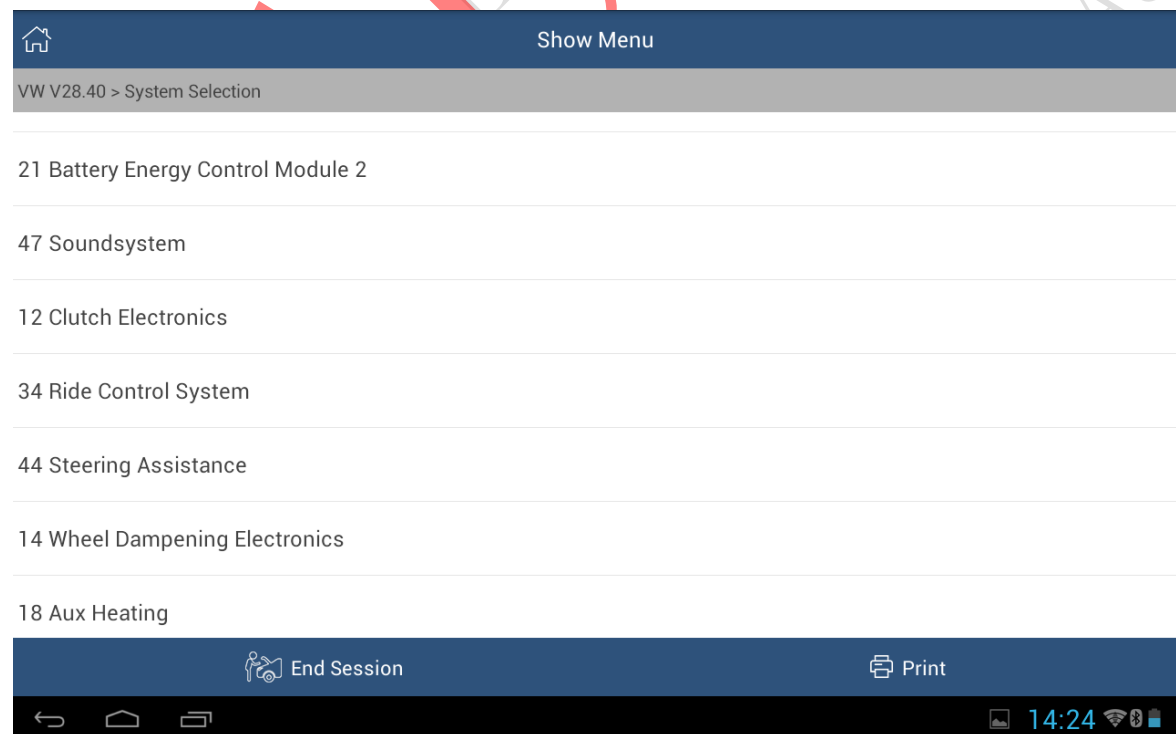
Diagnostic Trouble Code			
VW V28.40 > System Selection > 44 Steering Assistance			
DTC	Description	State	DTC
P160900	Crash shut-off was triggered	active/static	🔍

Instructions

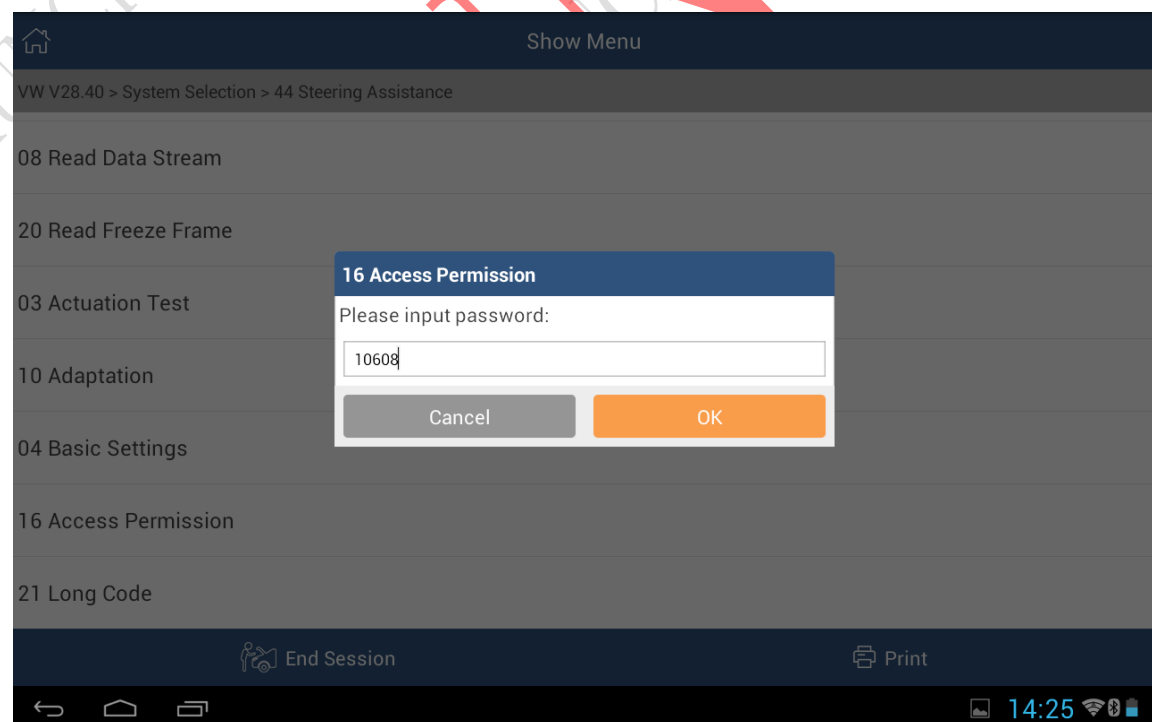
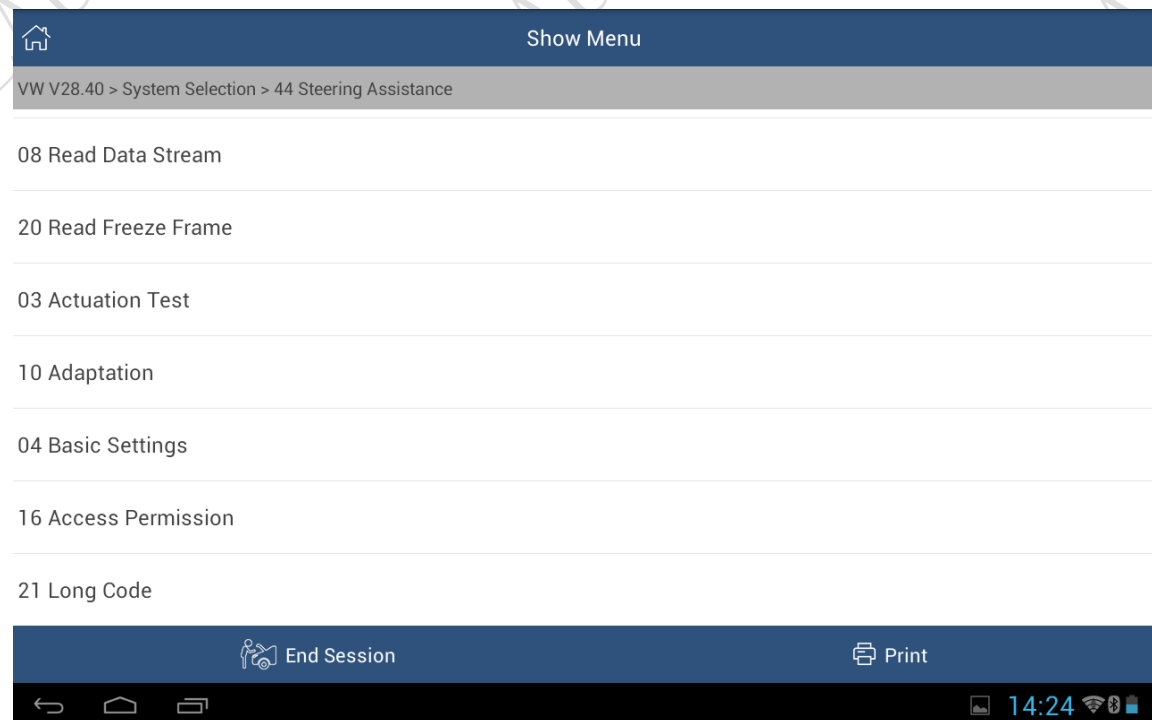
1. Turn on the ignition, properly connect the LAUNCH X431 PAD III connector, and select VW car model software version V28.10 or above. The following main menu will show up after login.

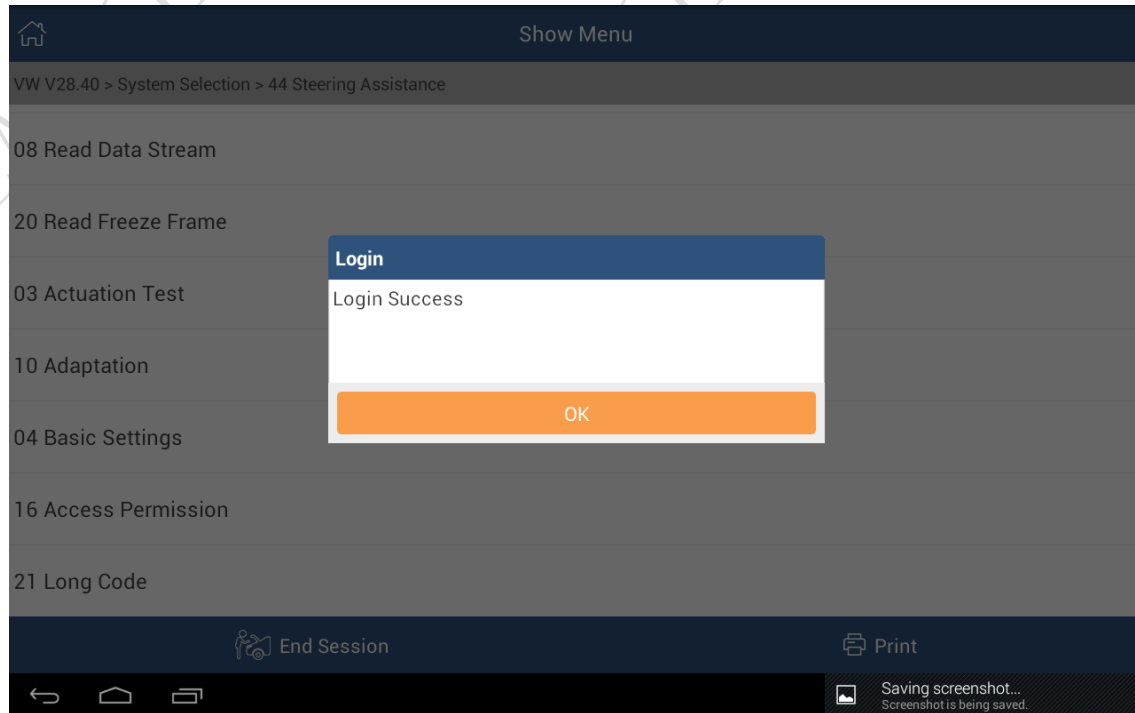


2. Click to enter [System Selection], and then choose [44 Power steering system].

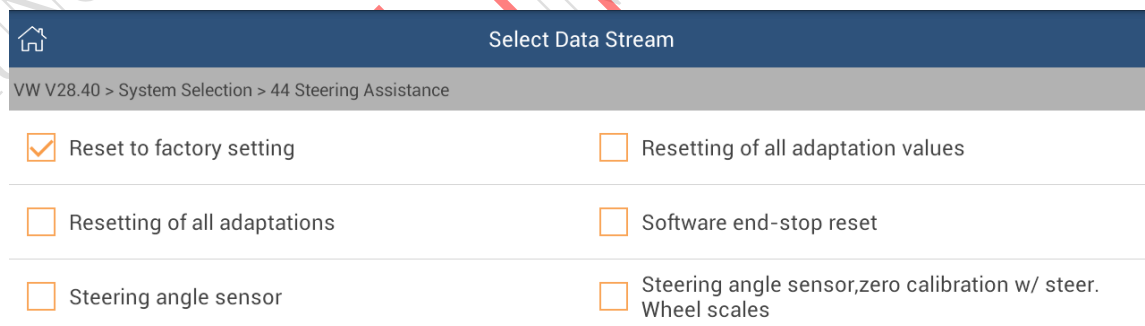


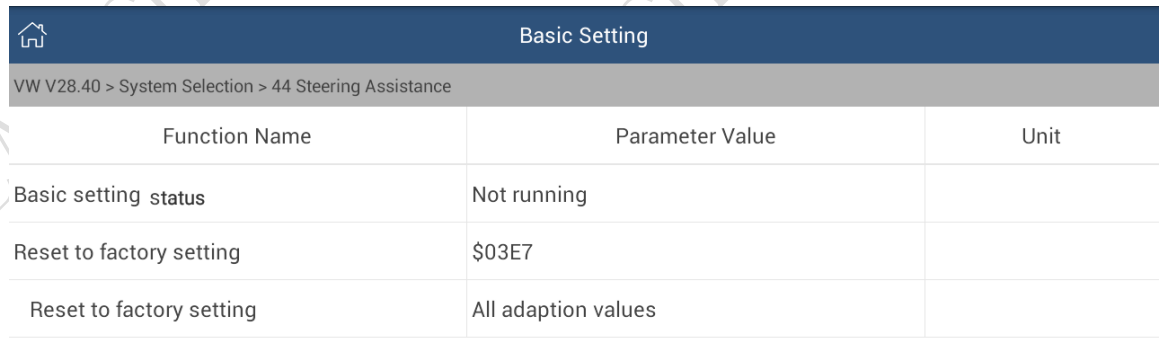
3. The following functions are displayed after entering the 44 Power steering system. Choose [16 Access Permission], the password is 10608. Click OK after successful login.





- After successful login, perform [04 Basic System Adjustment]. Select “Reset to factory setting”, and then click Confirm to start the Basic Setting. Click ADJUST and wait until the basic setting status changes to “Finished correctly”.

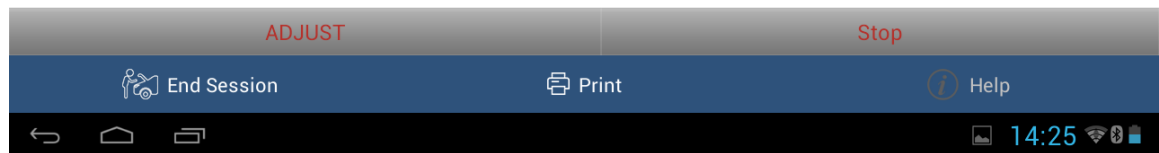




Basic Setting

VW V28.40 > System Selection > 44 Steering Assistance

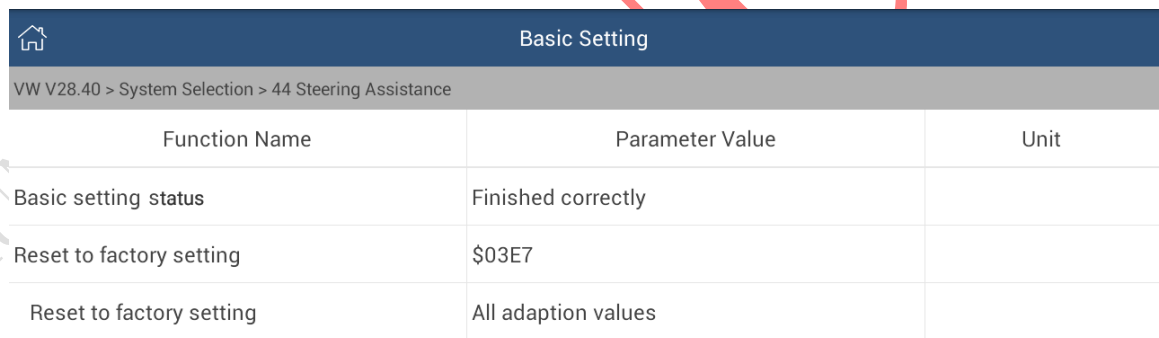
Function Name	Parameter Value	Unit
Basic setting status	Not running	
Reset to factory setting	\$03E7	
Reset to factory setting	All adaption values	



ADJUST Stop

End Session Print Help

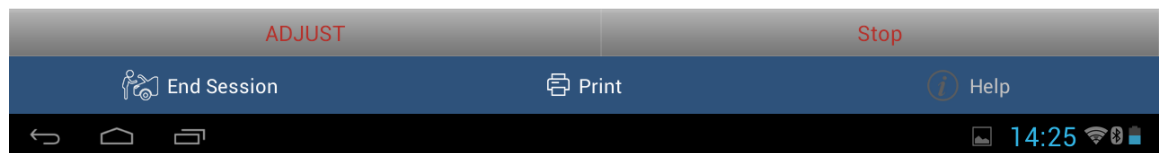
14:25



Basic Setting

VW V28.40 > System Selection > 44 Steering Assistance

Function Name	Parameter Value	Unit
Basic setting status	Finished correctly	
Reset to factory setting	\$03E7	
Reset to factory setting	All adaption values	



ADJUST Stop

End Session Print Help

14:25

5. After completely performing “Reset to factory setting”, “44 Power Steering System” will store the following DTCs, which will need to be cleared in the next step.

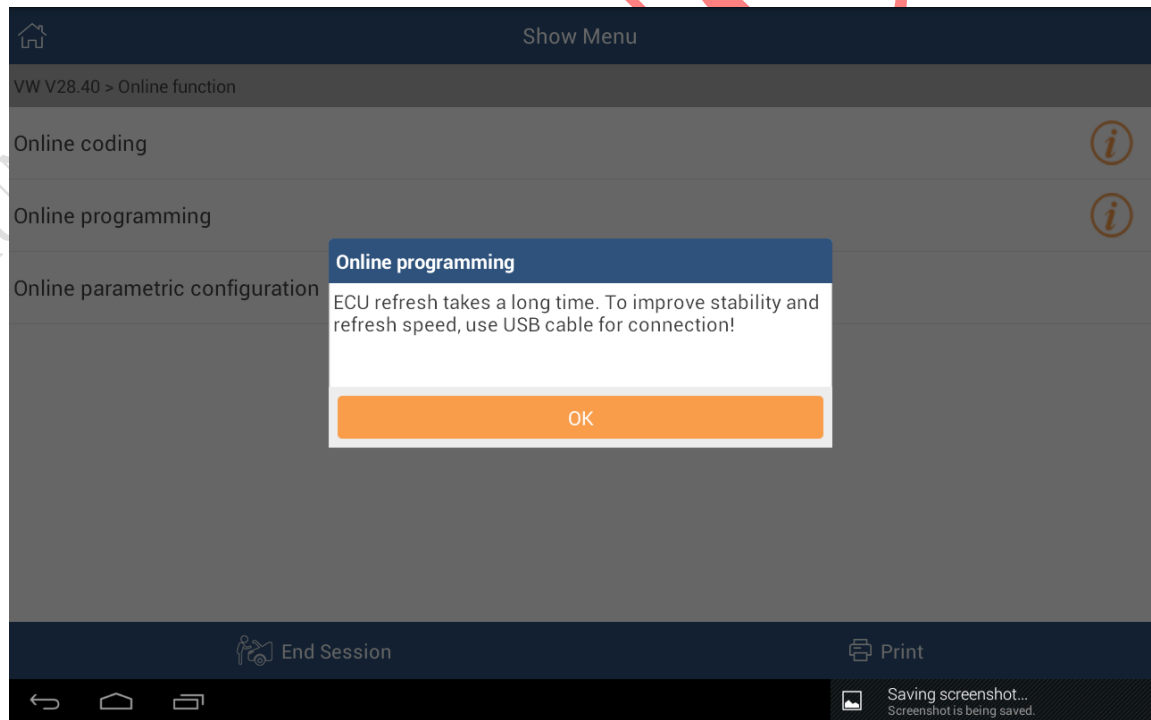
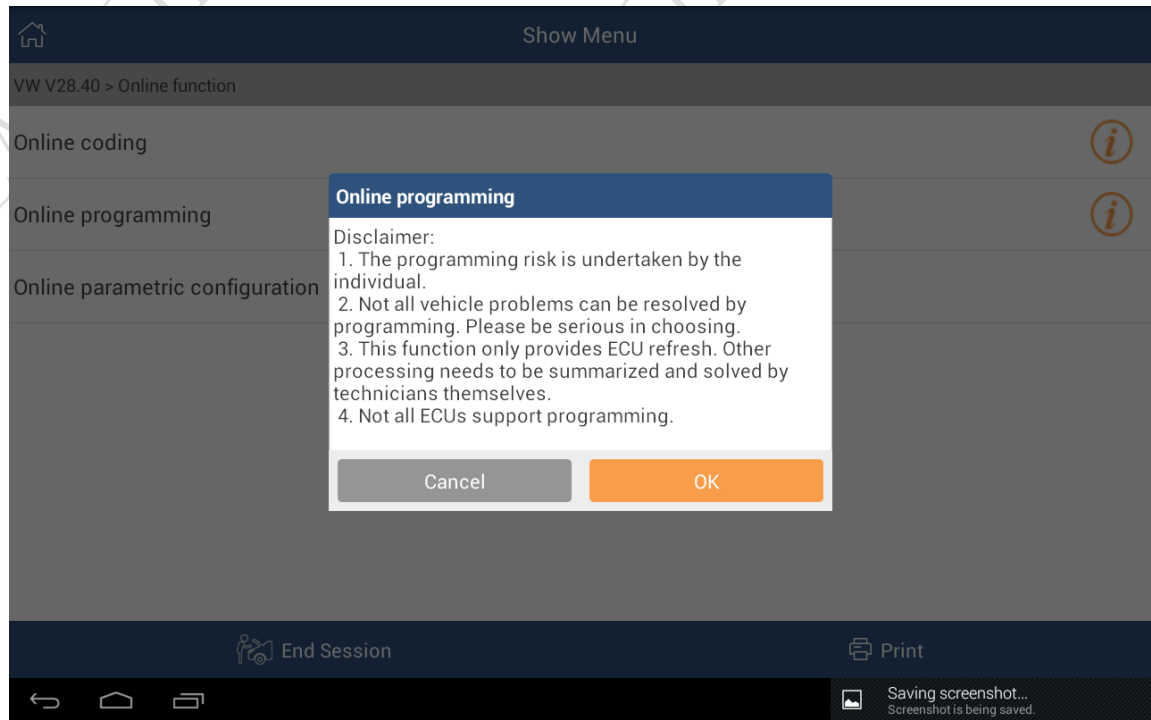
Diagnostic Trouble Code			
VW V28.40 > System Selection > 44 Steering Assistance			
DTC	Description	State	DTC
B116854	Steering angle sensor - No basic setting	active/static	🔍
C10ACF0	Steering - End stops not learned	active/static	🔍
B201300	No band end programming occurs	active/static	🔍



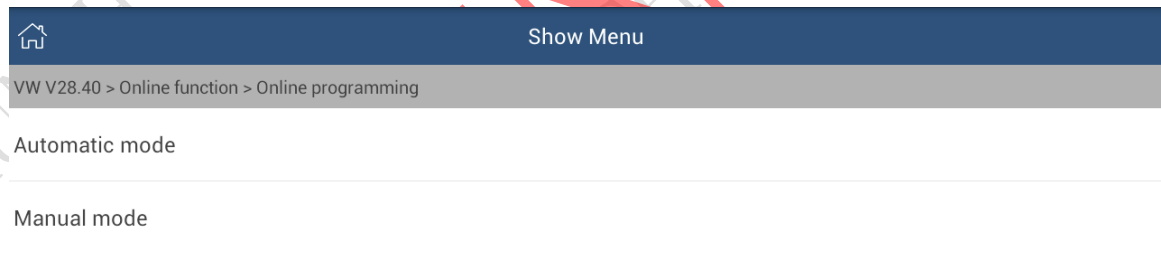
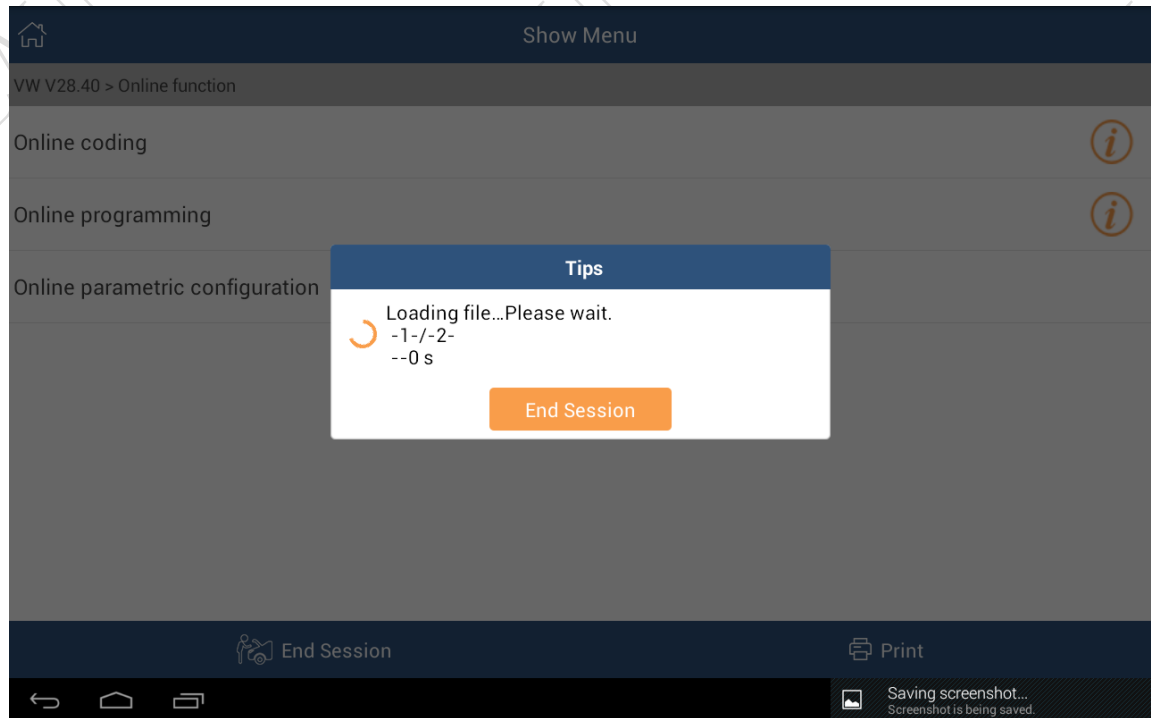
6. As for the DTC “B201300 No Band End Programming Occurs”, online programming would be performed to clear it. Select [Online function] in the main menu, and the following menu will show up. Select [Online programming]. The procedure and notes are shown as follows.

Show Menu	
VW V28.40 > Online function	
Online coding	📘
Online programming	📘
Online parametric configuration	





7. Click OK to select [Automatic mode] or [Manual mode], here we select [Automatic mode] to start the scan.



Data collection	
VW V28.40 > Online function > Online programming	
System Name	State
Processing In Progress	7 %
01 Engine Electronics	Scanning...

End Session Print Help

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Screenshot is being saved.

8. The scanned system will show up after scanning.

Online programming	
VW V28.40 > Online function > Online programming	
System Name	State
01 Engine Electronics	Click to program
44 Steering Assistance	Click to program

End Session Print Help

14:29

- Select 44 system [Online programming], and then select one file to start the programming after entering.

44 Steering Assistance		
VW V28.40 > Online function > Online programming		
File name	Vehicle brand	Brief description
180909144G-----4130		System information
XSWJKFC_FL_180909144G_4140.xml	VW	Optional file



44 Steering Assistance

VW V28.40 > Online function > Online programming

File name	Vehicle brand	Brief description
180909144G-----4130		System information
XSWJKFC_FL_180909144G_4140.xml	VW	Optional file

Select ECU refresh file

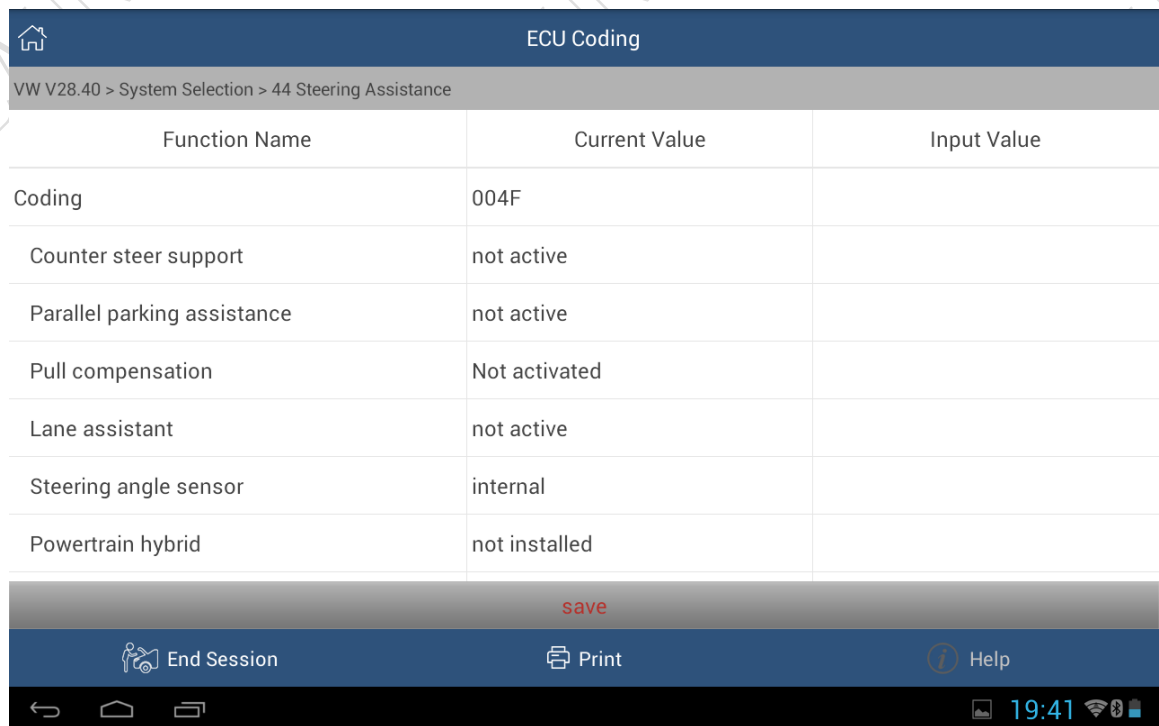
Do you want to choose the following file as the programming file:
XSWJKFC_FL_180909144G_4140.xml ?

Cancel OK

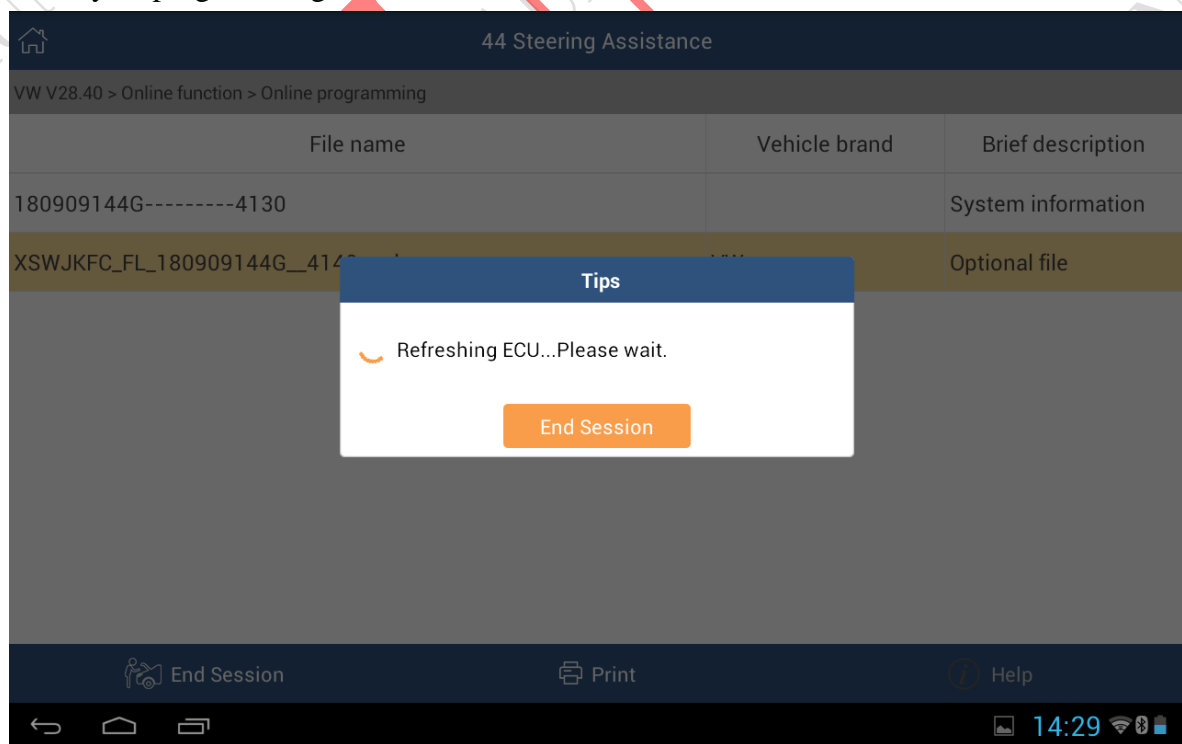
End Session Print Help

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10. You need to log in first before downloading the files. After successful login, the files could be downloaded.



11. After downloading the files, click Continue to start ECU reprogramming until it says reprogramming is successful.



12. Perform [Online parametric configuration]. The operation procedure of online parametric configuration is similar to that of online programming. After

successful scanning of systems that could be reprogrammed, click to reprogram. You can choose any of the shown files. If you need to download the files, ECU Refreshing could be started after the download. Version information will be read again after finishing the online parametric configuration. Now it means the reprogramming is successfully completed.

Online parametric configuration	
VW V28.40 > Online function > Online parametric configuration	
System Name	State
44 Steering Assistance	Click to reprogram

End Session
Print
Help

←
🏠
📄
🕒 14:33
📶
🔋

🏠
44 Steering Assistance

VW V28.40 > Online function > Online parametric configuration

File name	VIN(1,,8,10)	Brief description
180909144G-4140-FFFFFFFFFFFFFFFFFE-150074V____-0222	LSVNV418F	System information
180909144G-4140--180074V____		Optional file

Select ECU refresh file

Do you want to choose the following file as the programming file:
180909144G-4140--180074V____-0420-44-0C0D ?

Cancel
OK

End Session
Print
Help

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🏠
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44 Steering Assistance

VW V28.40 > Online function > Online parametric configuration

File name	VIN(1,,,8,10)	Brief description
180909144G-4140-FFFFFFFFFFFFFFFFFFFFE-150074V____-0222	LSVNV418F	System information
180909144G-4140--180074V____		Optional file

Online programming

Turn off ignition for about 30s, and then turn on it again.

OK

End Session Print Help

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44 Steering Assistance

VW V28.40 > Online function > Online parametric configuration

File name	VIN(1,,,8,10)	Brief description
180909144G-4140-FFFFFFFFFFFFFFFFFFFFE-150074V____-0222	LSVNV418F	System information
180909144G-4140--180074V____		Optional file

Tips

ECU refresh completed. Reading version information again...Please wait.

End Session

End Session Print Help

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44 Steering Assistance

VW V28.40 > Online function > Online parametric configuration

File name	VIN(1,,,8,10)	Brief description
180909144G-4140-FFFFFFFFFFFFFFFFFFFFE-150074V____-0222	LSVNV418F	System information
180909144G-4140--180074V____		Optional file

Online programming

Are you sure to clear fault memory?

Cancel OK

End Session Print Help

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44 Steering Assistance

VW V28.40 > Online function > Online parametric configuration

Feature	Before update	After update
LSVNV4188f	VOLKSWAGEN	VW3111
VW/Audi part number:	180909144G	180909144G
Software version:	4140	4140
Hardware part number:	180909144	180909144
Hardware version:	413	413
ASAM/ODX file ID:	EV_SteerAssisNSKGen2	EV_SteerAssisNSKGen2
ASAM/ODX file version:	006110	006110
VW dataset number of ECU data container number	150074V____	150074V____

End Session Print Help

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44 Steering Assistance		
VW V28.40 > Online function > Online parametric configuration		
Feature	Before update	After update
VW dataset number of ECU data container number	150074V____	150074V____
VW dataset version number	0222	0222
Vehicle Equipment Code And PR Number Combination	FFFFFFFFFFFFFFFFFFFFFFE	FFFFFFFFFFFFFFFFFFFFFFE
System description:	18090	18090
Engine code:	180909144	180909144
VIN:		
FAZIT identification:	4US-TIH27.04.1699001075	4US-TIH27.04.1699001075

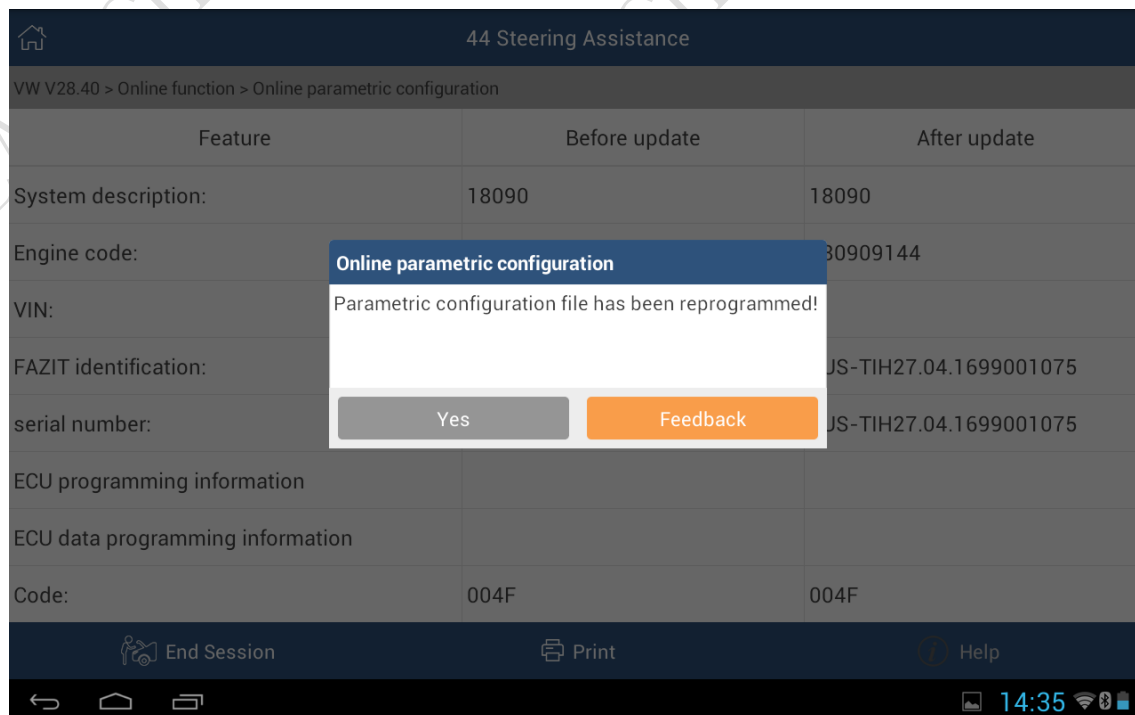
End Session
 Print
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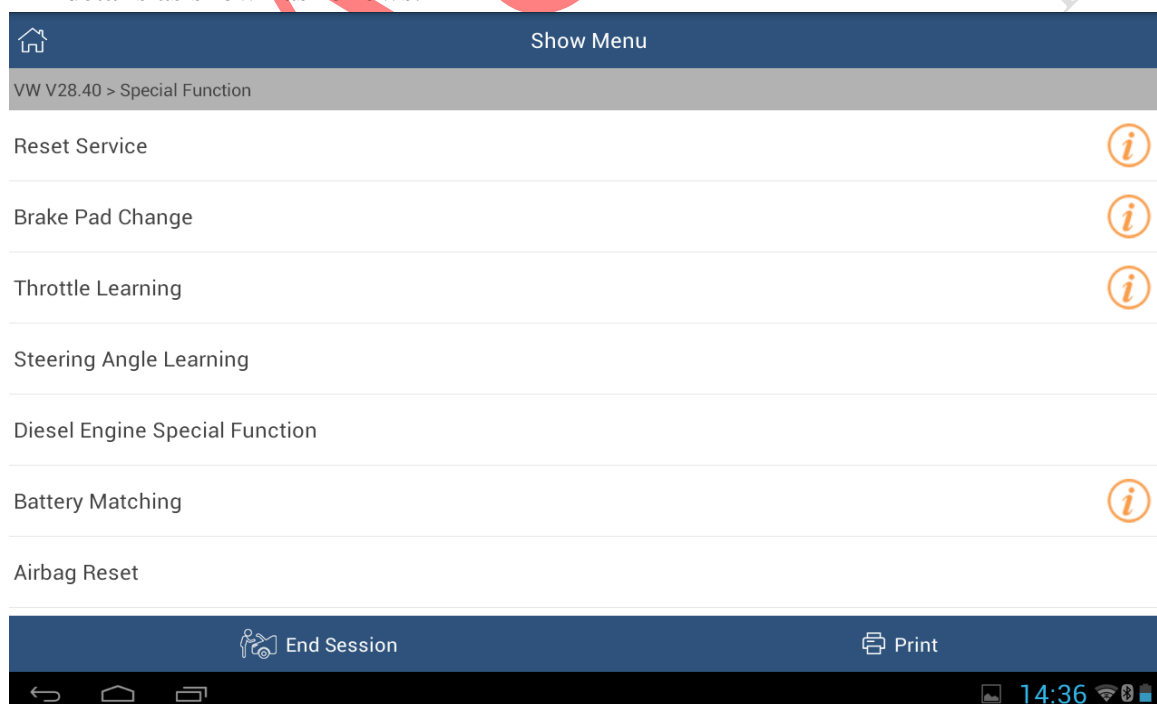
44 Steering Assistance		
VW V28.40 > Online function > Online parametric configuration		
Feature	Before update	After update
System description:	18090	18090
Engine code:	180909144	180909144
VIN:		
FAZIT identification:	4US-TIH27.04.1699001075	4US-TIH27.04.1699001075
serial number:	4US-TIH27.04.1699001075	4US-TIH27.04.1699001075
ECU programming information		
ECU data programming information		
Code:	004F	004F

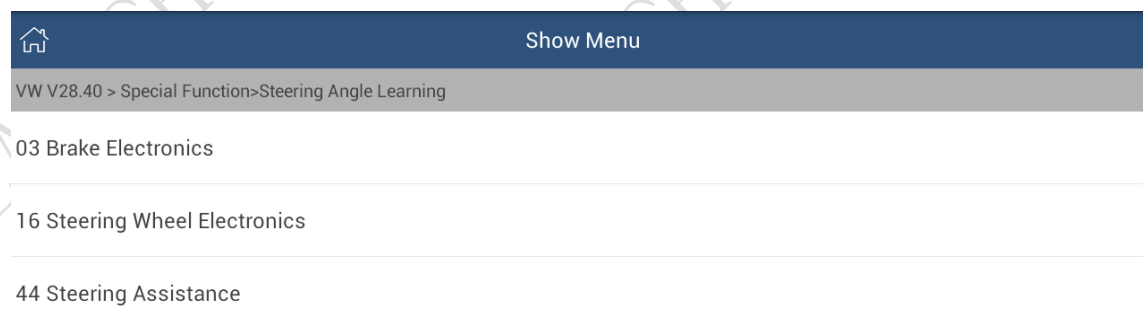
End Session
 Print
 Help

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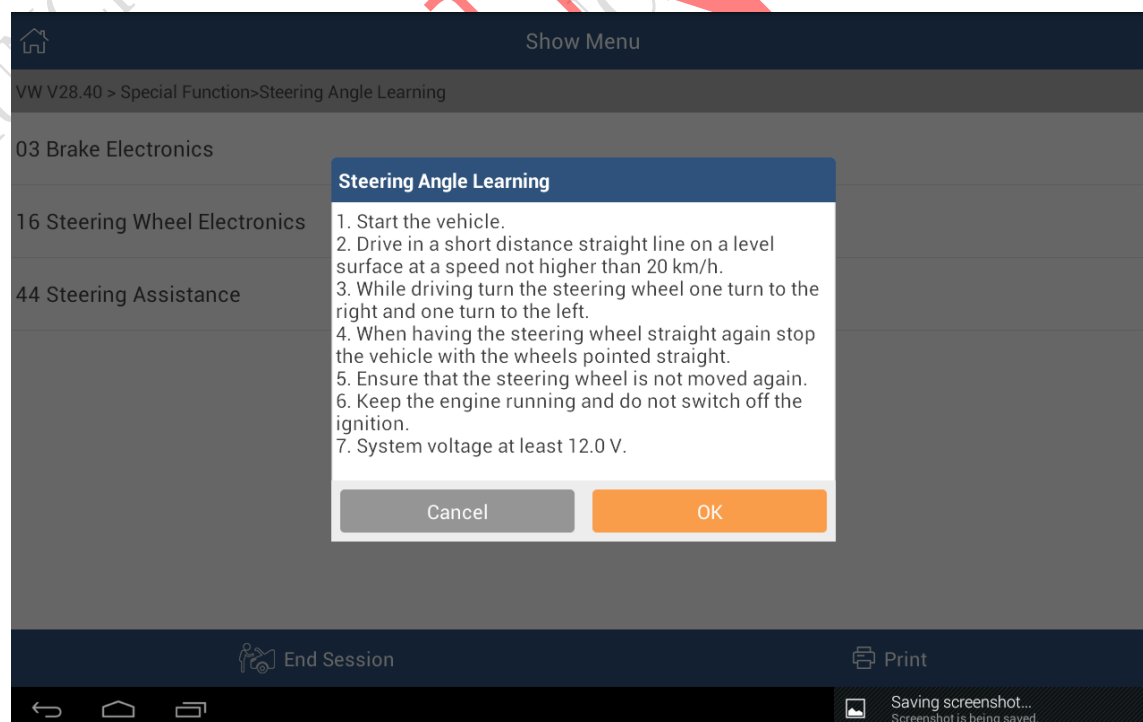


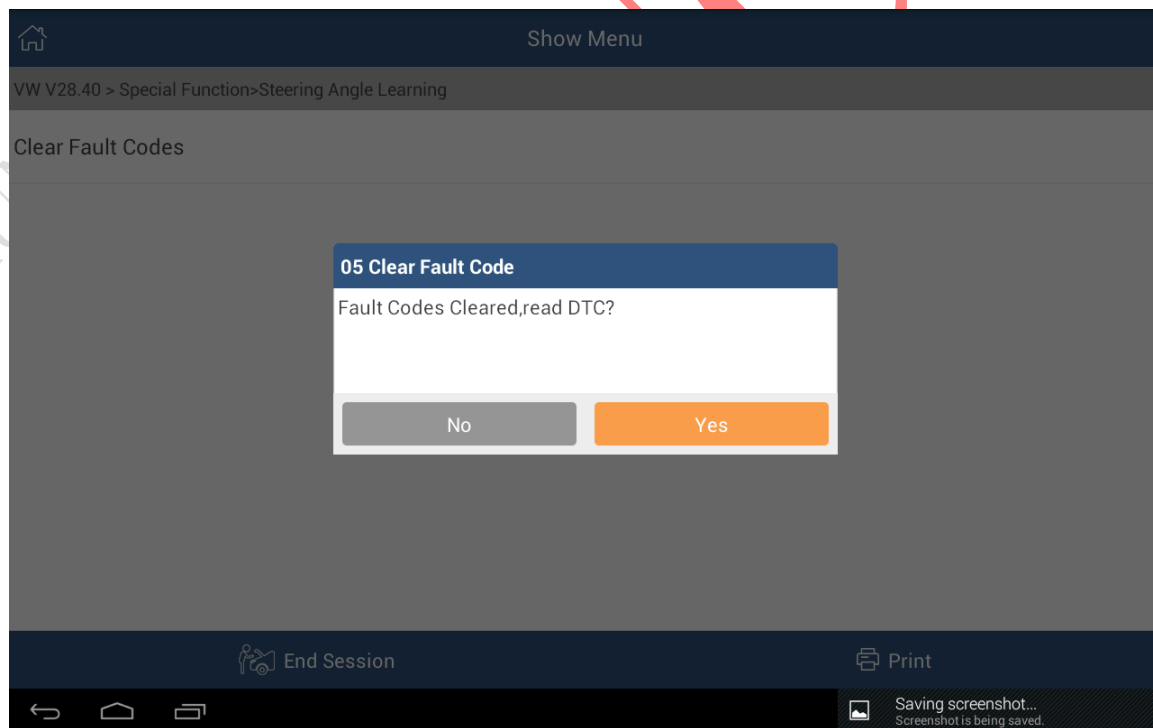
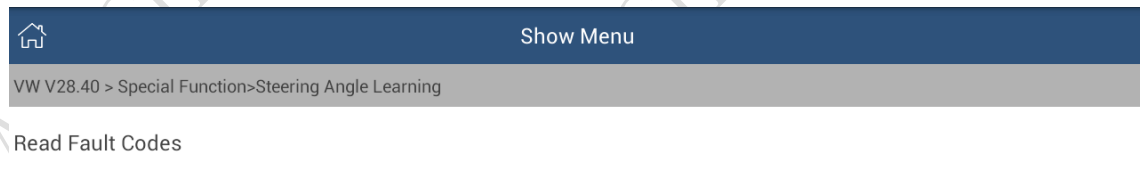
- For the DTC “C10ACF0 Steering System- unlearned end position Active/Static”, full lock position setting of the steering wheel would be needed. Turn the steering wheel to the left and right full lock position respectively and stop for a few seconds until you can hear “Ding Ding Ding” from the instrument, which means the setting is successful and the DTC could be deleted.
- For the DTC “B116854 Steering Angle Sensor, No Basic Setting Active/Static”, the special function of [Steering Angle Learning] needs to be performed. The details as shown as follows.



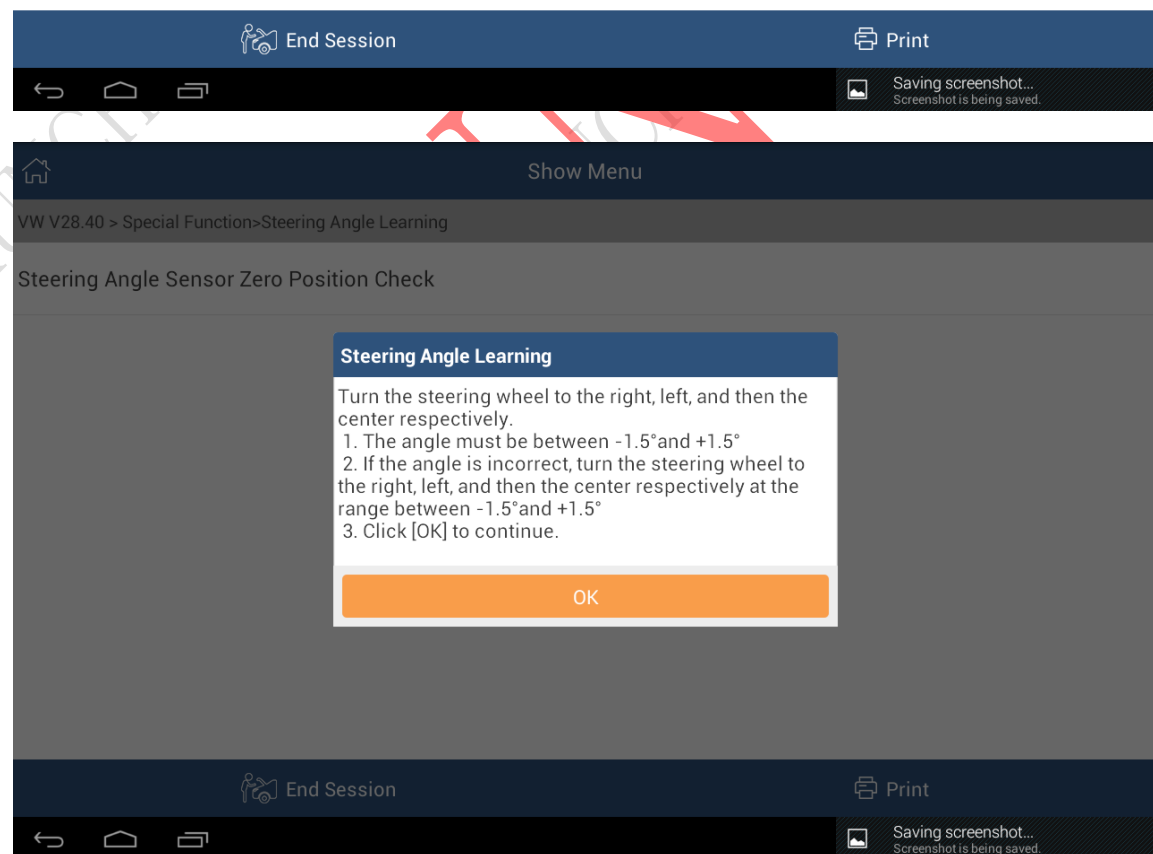
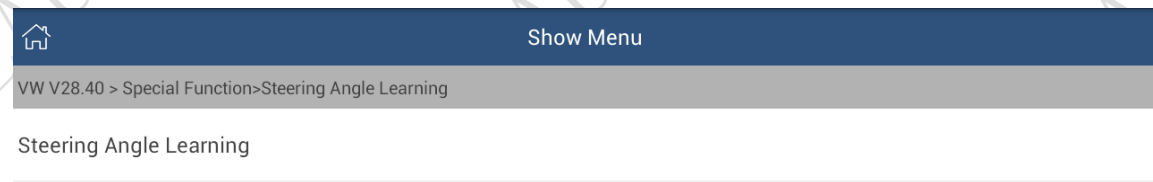


15. Here we select [03 Brake System]. After we select it, the notes are shown as follows. Click OK to start the reading and clearing of fault codes.





16. Then perform [Steering Angle Learning] > [Steering Angle Sensor Zero Position Check]. Please follow the prompts and make sure all the conditions within the prompts are met.



17. Check the steering angle value and ensure the angle is between -1.5° and $+1.5^{\circ}$. If the angle is incorrect, please adjust the angle of the steering wheel and switch the ignition off. Wait for a while and perform the above procedures again.

Home Data Stream

VW V28.40 > Special Function>Steering Angle Learning

Name	Value	Unit
Information	OFF	
Lateral Accel.	0.58	m/s^2
Pressure	-0.95	bar
Speed	0.00	km/h
Speed	0.00	km/h

Previous Page Next Page (2 / 4)

End Session Graph Record Saved data Report Help

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Home Data Stream

VW V28.40 > Special Function>Steering Angle Learning

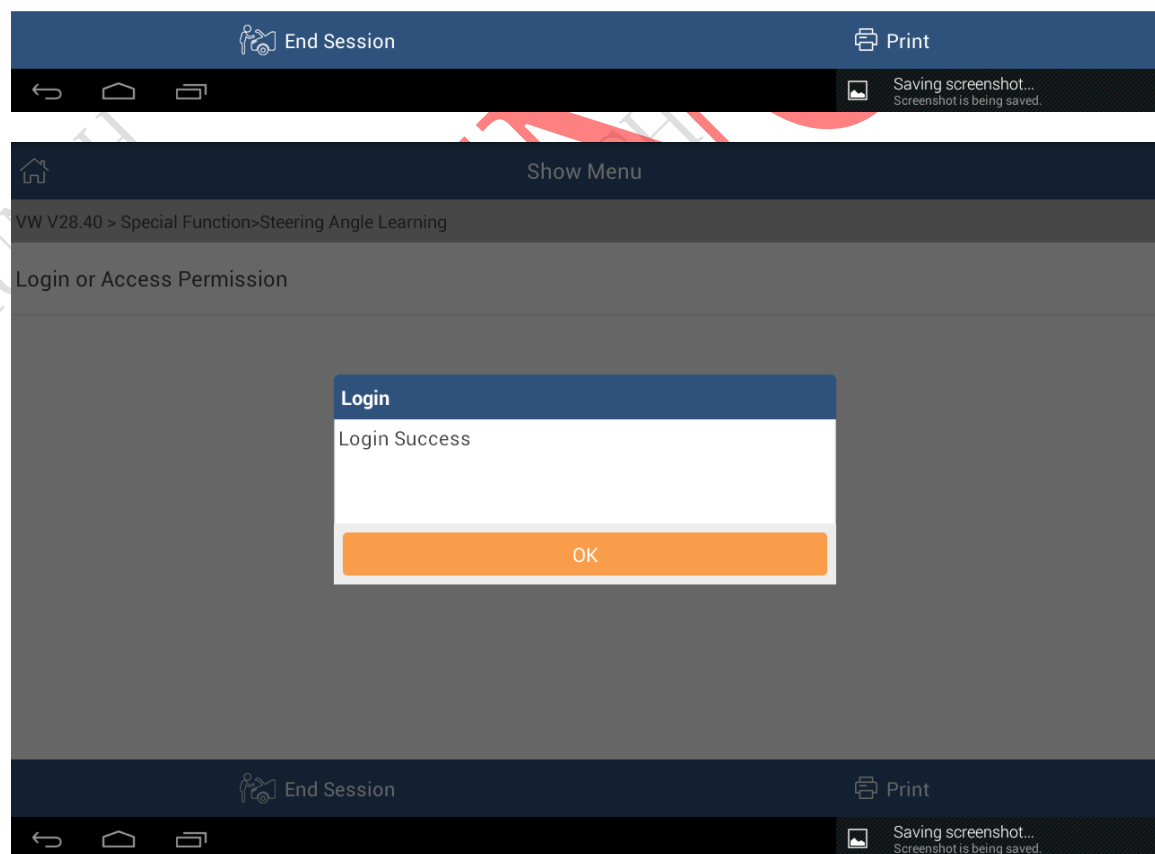
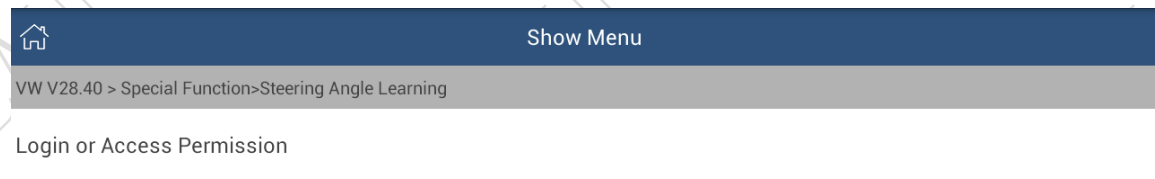
Name	Value	Unit
Speed	0.00	km/h
Steering Angle	2.37	deg
Turn Rate	0.00	degree/s

Previous Page Next Page (4 / 4)

End Session Graph Record Saved data Report Help

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18. Next perform [Access Permission]. The message Login Success will be displayed.



19. After successful login, perform [Steering Angle Sensor Zero Position Compensation-Initiate basic setting]. For vehicles like VW Golf, GTI, Jetta and AUDI TT, select channel 060. For vehicles like VW Passat, AUDI A4/S4, A6/S6 and A8/S8, select channel 001. Here we select [Type 2 - channel 060].

Home icon Show Menu

VW V28.40 > Special Function>Steering Angle Learning

Steering Angle Sensor Zero Position Compensation - Initiate basic setting

End Session Print

Navigation icons Saving screenshot...
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Home icon Show Menu

VW V28.40 > Special Function>Steering Angle Learning

Type 1 - Channel 001

Type 2 - Channel 060

End Session Print

Navigation icons Saving screenshot...
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20. After selecting [Type 2 - channel 060], it will show as follows.

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Name	Value	Unit
GROUP:	060	
Information	Press Pedal	
Information	and	
Information	OK	
Information	-	

End Session Graph Record Saved data Report Help

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Screenshot is being saved.

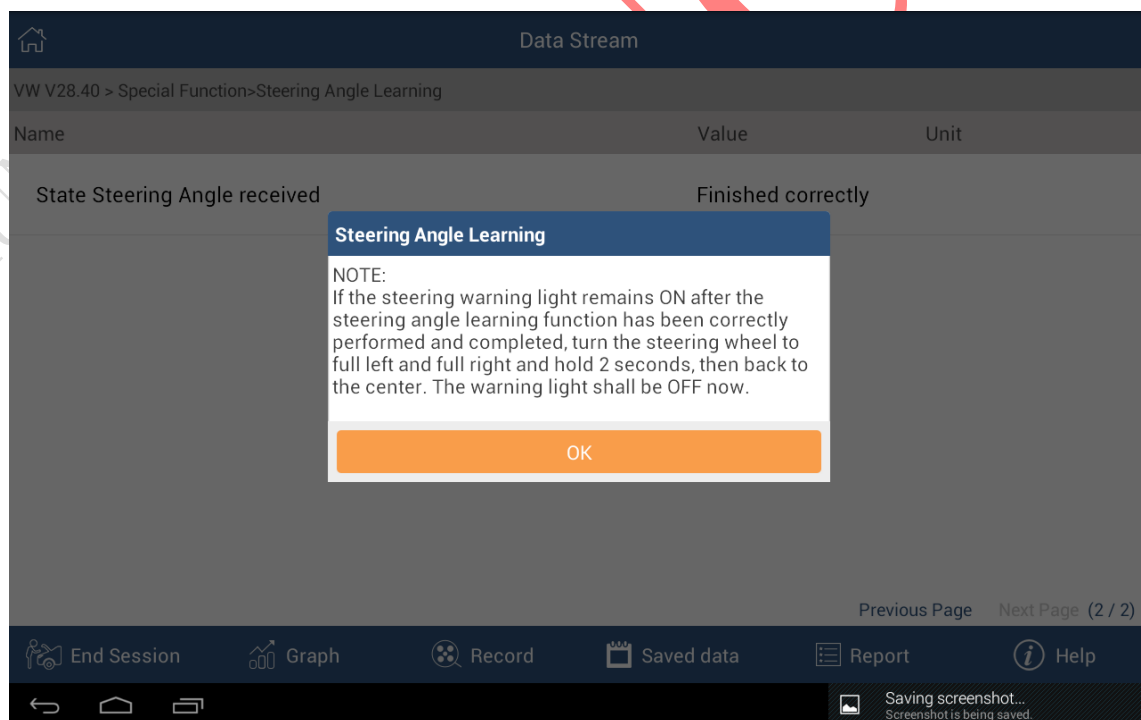
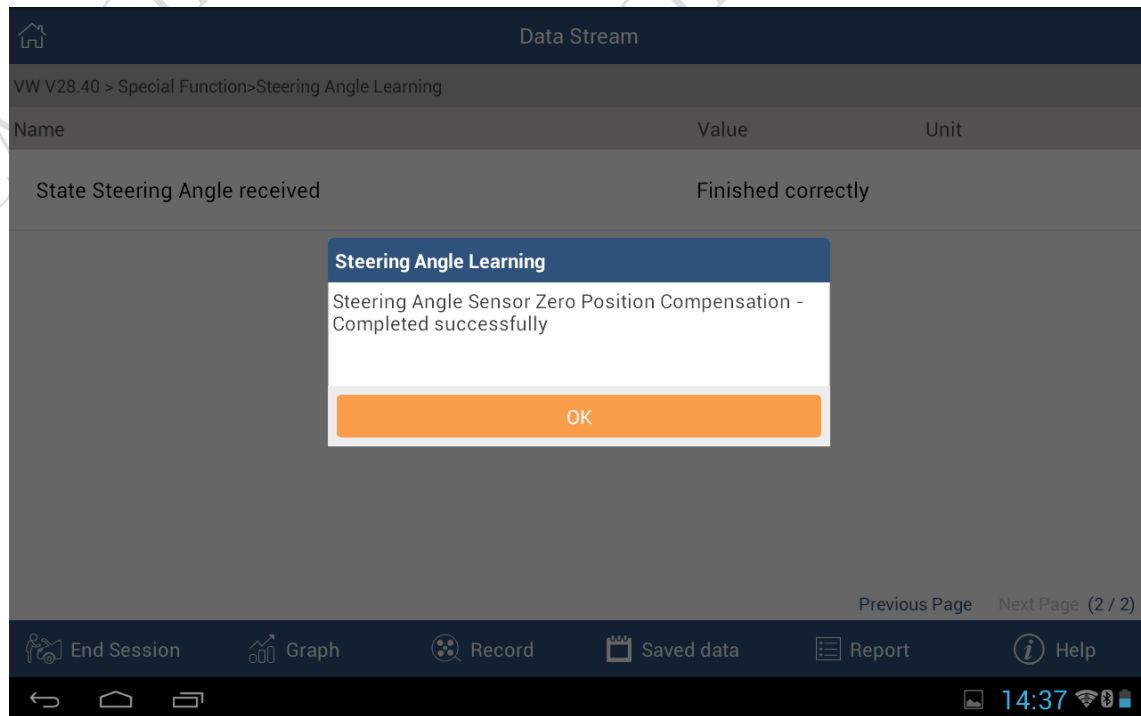
Previous Page Next Page (2 / 2)

Name	Value	Unit
State Steering Angle received	Finished correctly	

End Session Graph Record Saved data Report Help

Saving screenshot...
Screenshot is being saved.

21. If the result shows that the data stream value of “State Steering Angle Received” changed from “In Progress” to “Finished correctly”, then it means the steering angle sensor zero position compensation is successful.

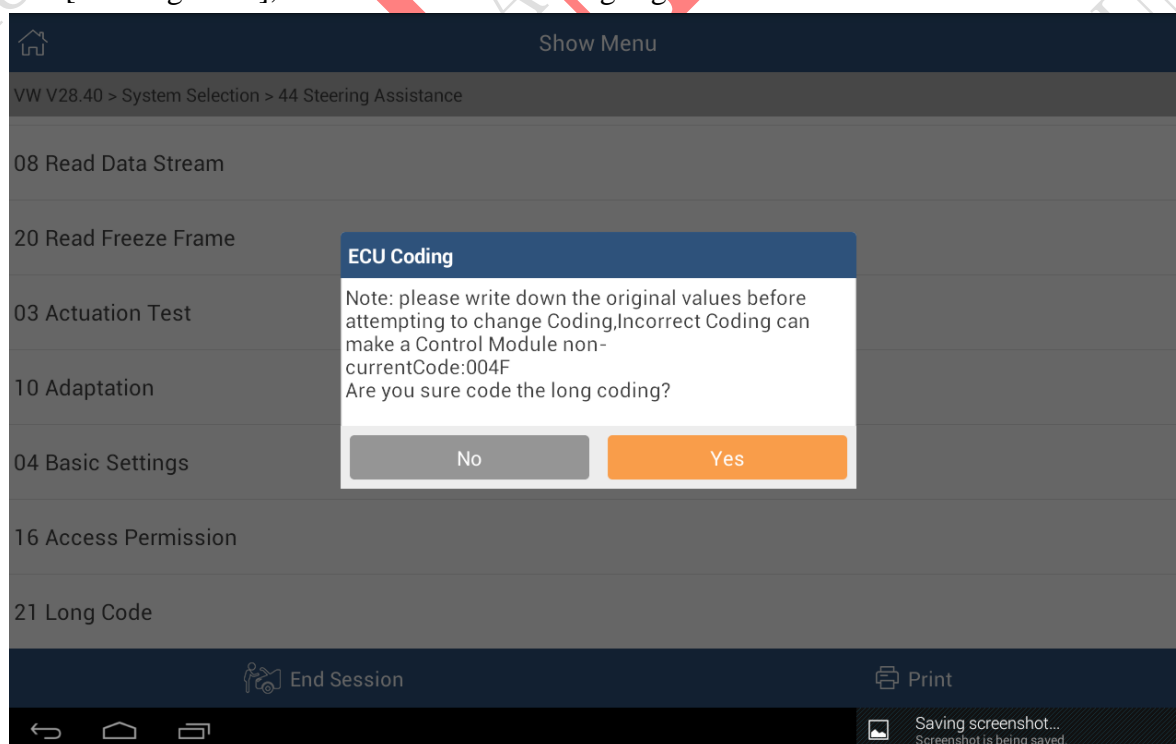


22. After the programming of 44 system mentioned in procedure 6, if the operation is completed successfully, only the following DTC "U101300 Control module not coded" will show up. But if the operation is not successful, the DTC "B200500 Data record invalid" will show up as well, and at this time we need to start procedure 6 again. Next we need to clear the DTC "U101300", and the method is as follows.

Diagnostic Trouble Code			
VW V28.40 > System Selection > 44 Steering Assistance			
DTC	Description	State	DTC
U101300	Control module not coded	active/static	🔍
B200500	Data record invalid	active/static	🔍



23. For the DTC “U101300 Control module not coded”, manual coding of [44 Power Steering System] will be needed. After entering the 44 system, first we should perform [16 Access Permission]. The password is 10608. The method of logging in is the same with that mentioned in procedure 3. After successful login, select [21 Long Code], as shown in the following Figure. Select “Yes” button.



24. After entering the long code, input the new code “004F” until the message “coding is success” is displayed.

ECU Coding

VW V28.40 > System Selection > 44 Steering Assistance

Function Name	Current Value	Input Value
Coding	004F	
Counter steer support	not active	
Parallel parking assistance	not active	
Pull compensation	Not activated	
Lane assistant	not active	
Steering angle sensor	internal	
Powertrain hybrid	not installed	

save

End Session Print Help

19:41

ECU Coding

VW V28.40 > System Selection > 44 Steering Assistance

Function Name	Current Value	Input Value
Coding	004F	
Counter steer support		
Parallel parking assistance		
Pull compensation		
Lane assistant		
Steering angle sensor	internal	
Powertrain hybrid	not installed	

ECU Coding

The current Coding of byte: 004F
Code control unit:

004F

Cancel OK

save

End Session Print Help

14:39

ECU Coding

VW V28.40 > System Selection > 44 Steering Assistance

Function Name	Current Value	Input Value
Coding	004F	004F
Counter steer support		not active
Parallel parking assistance		not active
Pull compensation		not activated
Lane assistant		not active
Steering angle sensor	internal	internal
Powertrain hybrid	not installed	not installed

save

End Session Print Help

14:39

ECU Coding

coding is success.

OK

ECU Coding

VW V28.40 > System Selection > 44 Steering Assistance

Function Name	Input Value
Coding	004F
Counter steer support	not active
Parallel parking assistance	not active
Pull compensation	not activated
Lane assistant	not active
Steering angle sensor	internal
Powertrain hybrid	not installed

save

End Session Print Help

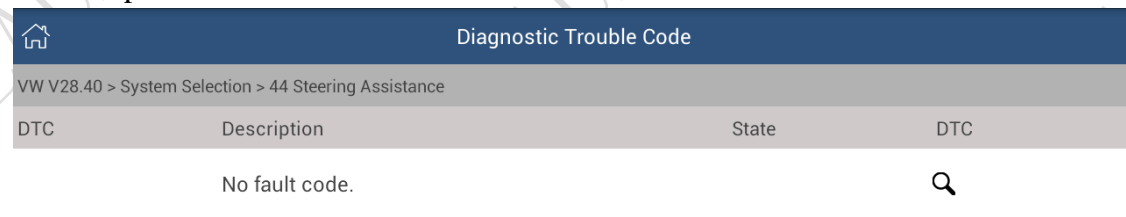
Read Ecu Memory

Diagnose system:44 Steering Assistance
VIN:LSVNV4188FN088436
ASAM/ODX file ID:EV_SteerAssisNSKGen2
ASAM/ODX file version:006109
VW/Audi part number:180909144G
Software version:4130
Hardware version:411
Hardware part number:180909144
System description:EPS_ECU
System abbreviation:J500
FAZIT identification:4US-TIH01.06.1599020056
Code workshop:00000 000 00000
Long Coding:004F
Please record or print the information on this page which is useful for you to query after-market service center.

OK

Saving screenshot...
Screenshot is being saved.

25. Read DTC again after finishing the above operations. If there is no DTC, the malfunction indicator lamp will go out as well, which means the operation is completed.



DTC	Description	State	DTC
	No fault code.		🔍



Maintenance and Operation Guide for Crash Shut-Off Was

Triggered of VW NSK Third-Generation Steering Wheel System

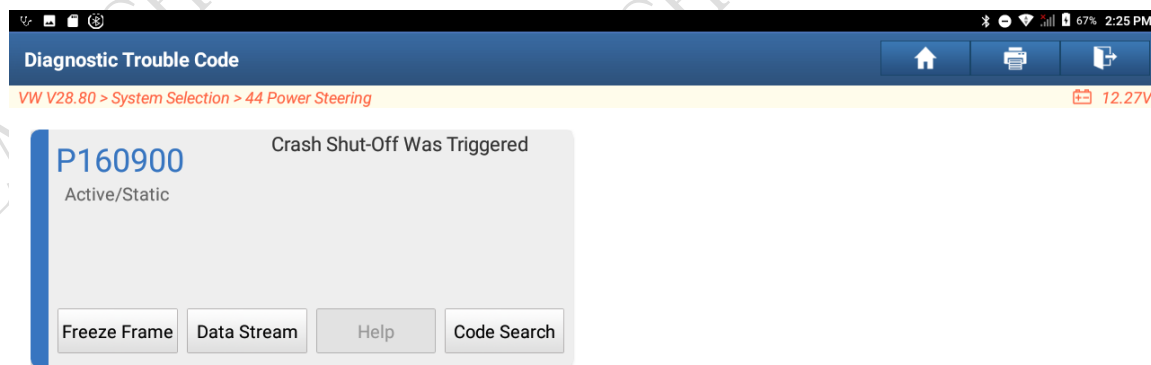
Tested Model:

Shanghai VW, 2019MY Santana, VIN Code: LSVN74BR7K*****

Background of function execution

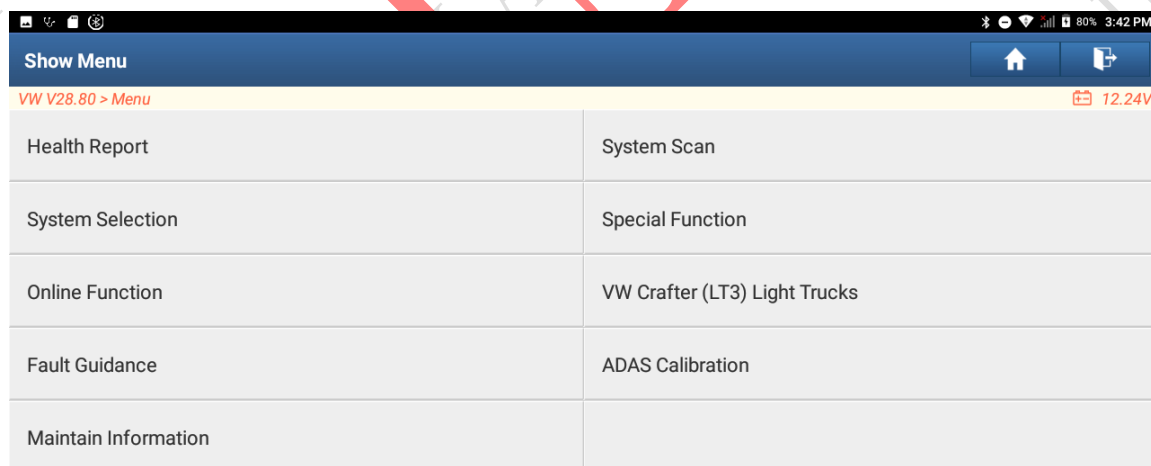
The vehicle is equipped with third-generation NSK steering wheel. After the replacement of the steering wheel, the steering system warning lamp on the combination instrument will light up.

The following DTCs exist in the “44 Power Steering System” and are not able to be cleared.

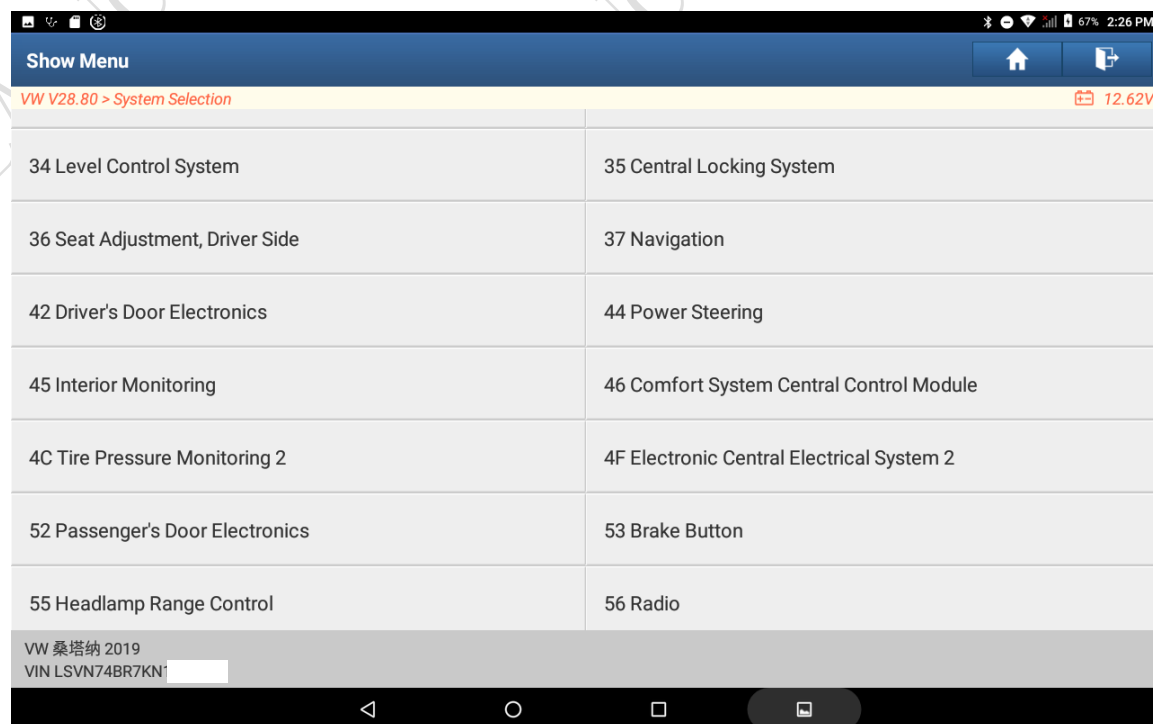


Instructions

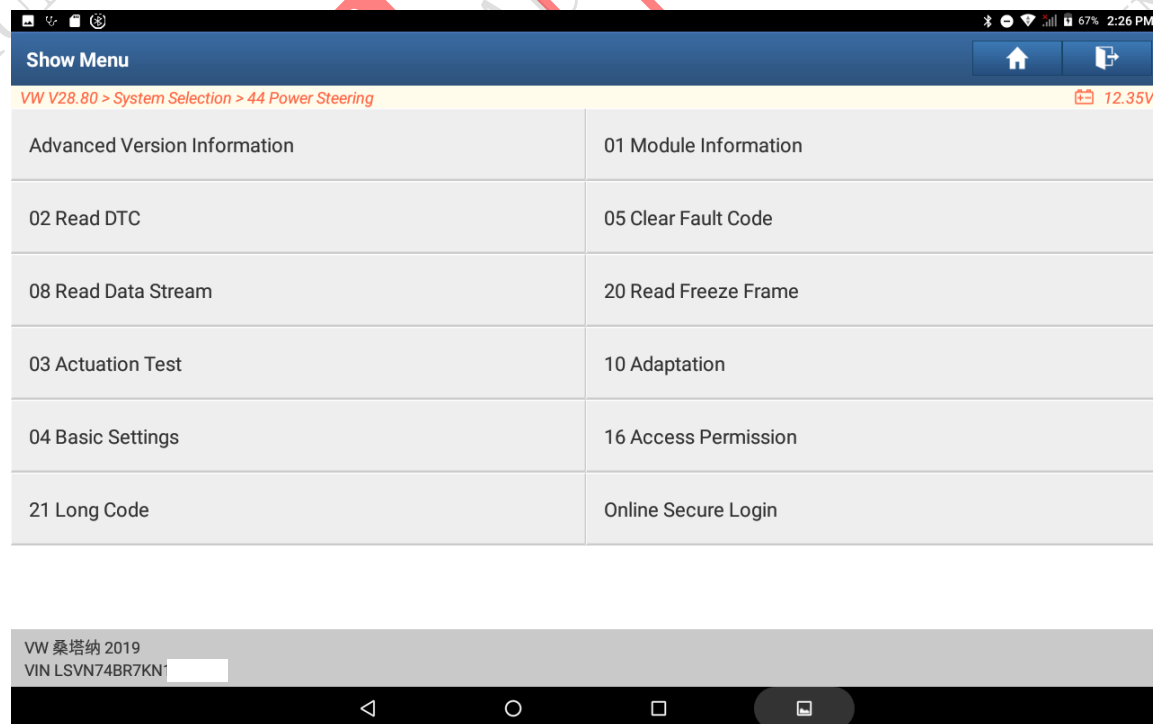
1. Turn on the ignition and properly connect the LAUNCH X431 PAD V_S connector. Select VW car model software version V28.57 or above, and the following main menu will show up after login.

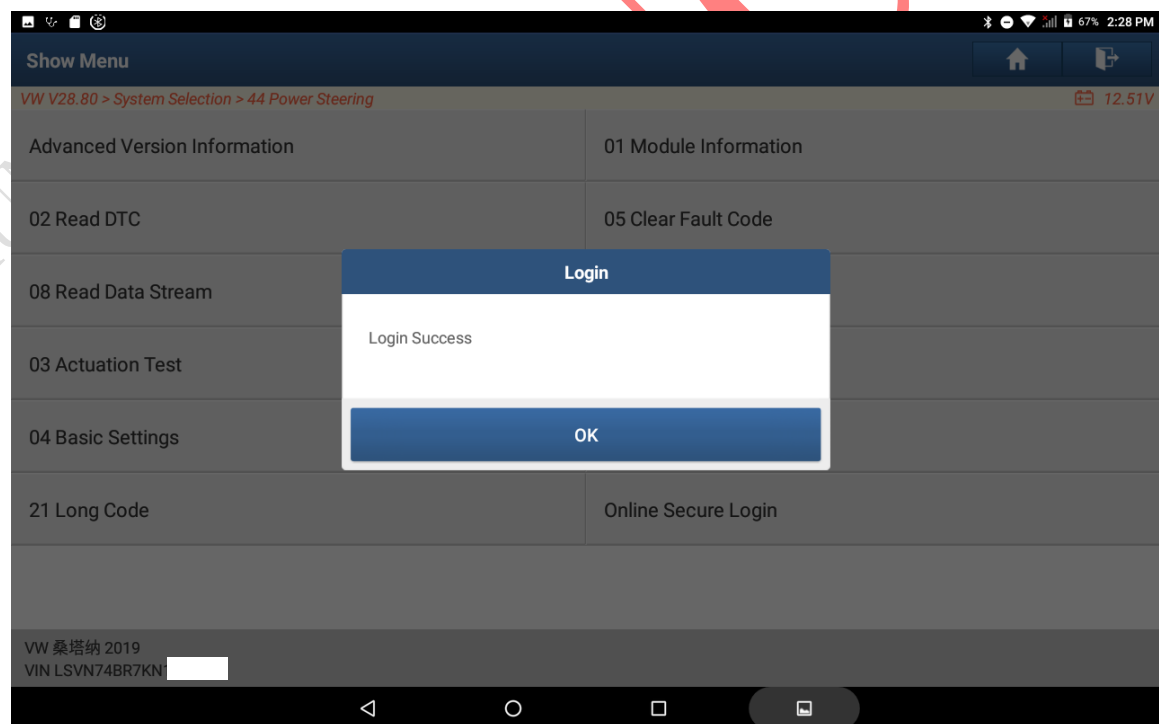
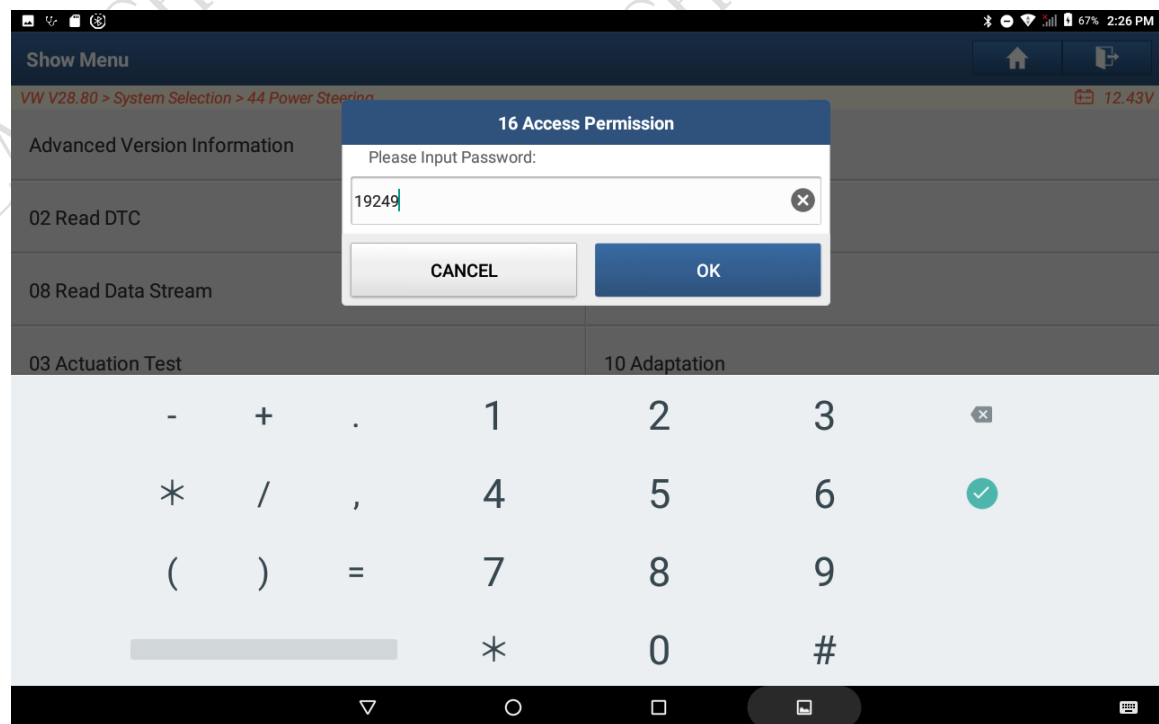


2. Click to enter [System Selection], and then choose [44 Power steering] system.



3. The following functions are displayed after entering the 44 Power steering system. First choose [16 Access Permission]. The password is 19249. Click OK after successful login.





4. After successful login, perform [04 Basic System Adjustment]. Select “Reset to factory setting”, and then click Confirm to start the Basic Setting. Click ADJUST and wait until the basic setting status changes to “Finished correctly”. After clicking ADJUST, if the basic setting status does not change to “Finished correctly”, then please wait for two minutes before you continue the next operation.

Select Data Stream

VW V28.80 > System Selection > 44 Power Steering 12.51V

Please enter keyword

<input type="checkbox"/> Resetting Of All Adaptation Values	<input type="checkbox"/> Resetting All Adaptations
<input type="checkbox"/> Software End-Stop Reset	<input checked="" type="checkbox"/> Reset To Factory Setting
<input type="checkbox"/> Steering Angle Sensor	<input type="checkbox"/> Steering Angle Sensor, Move To Mechanical Center
<input type="checkbox"/> Steering Angle Sensor, Zero Calibration W/ Steer. Wheel Scales	<input type="checkbox"/> Steering Angle Sensor, Software End-Stops

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Select Page Select All Unselect OK

Basic Setting

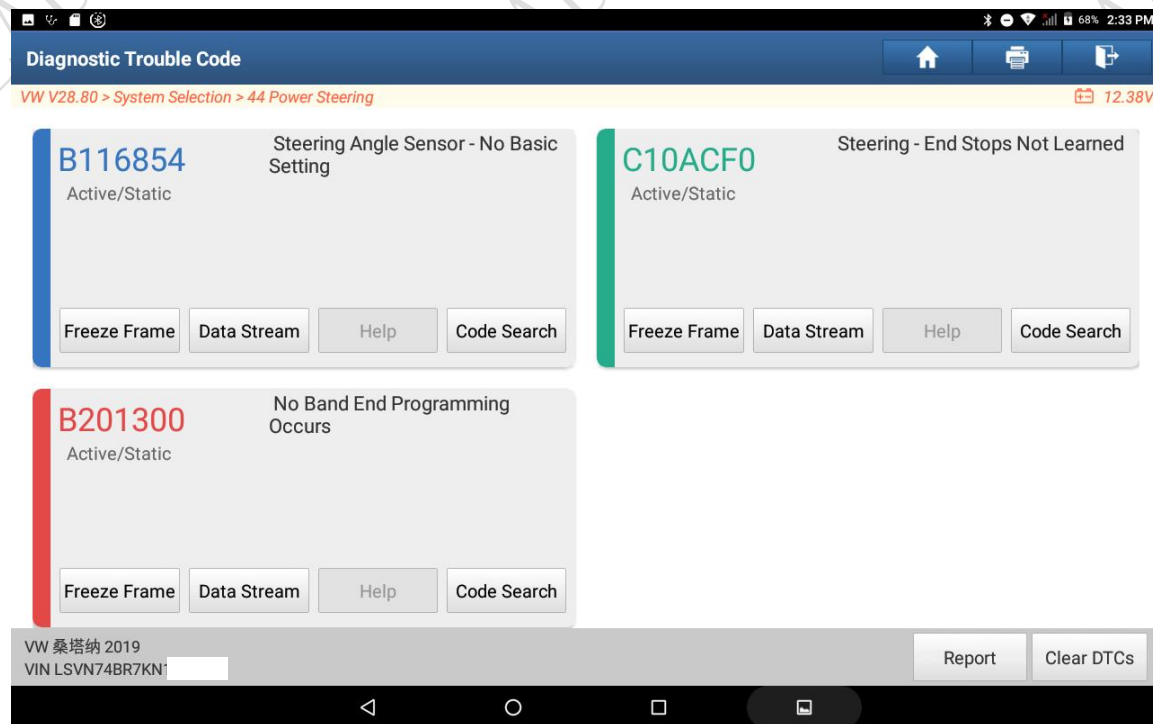
VW V28.80 > System Selection > 44 Power Steering 12.39V

Function Name	Parameter Value	Unit
Basic Setting Status	Finished Correctly	
Reset To Factory Setting	\$03E7	
Reset To Factory Setting	All Adaption Values	

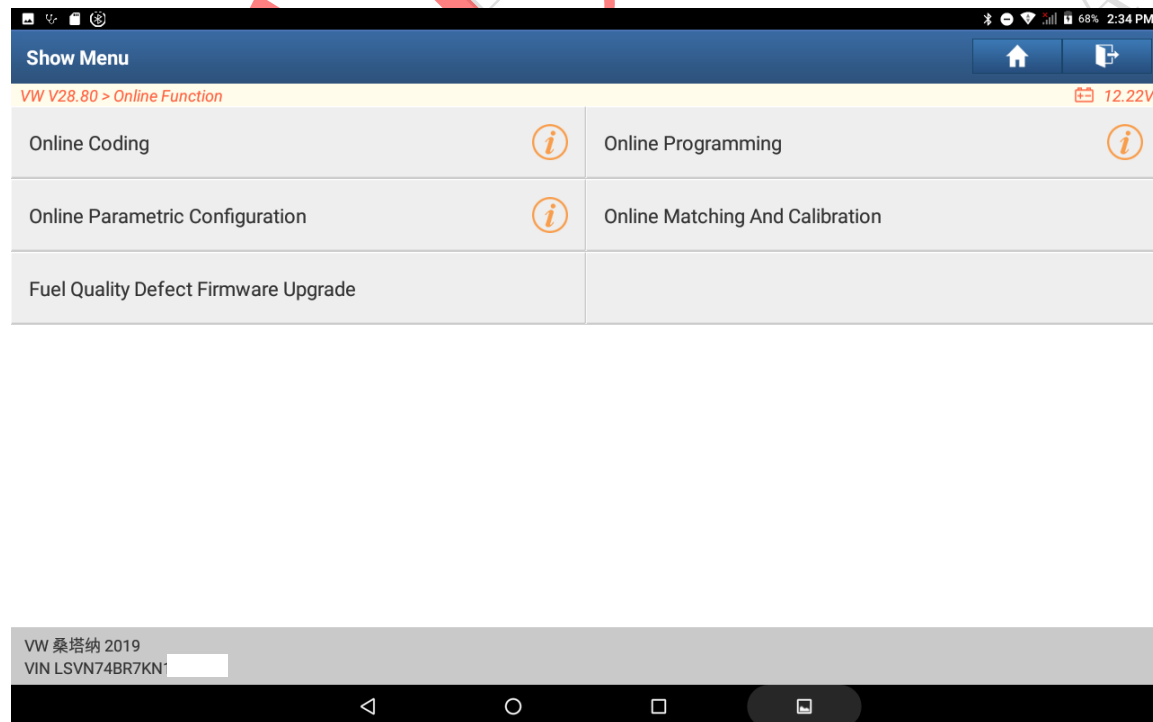
ADJUST Stop

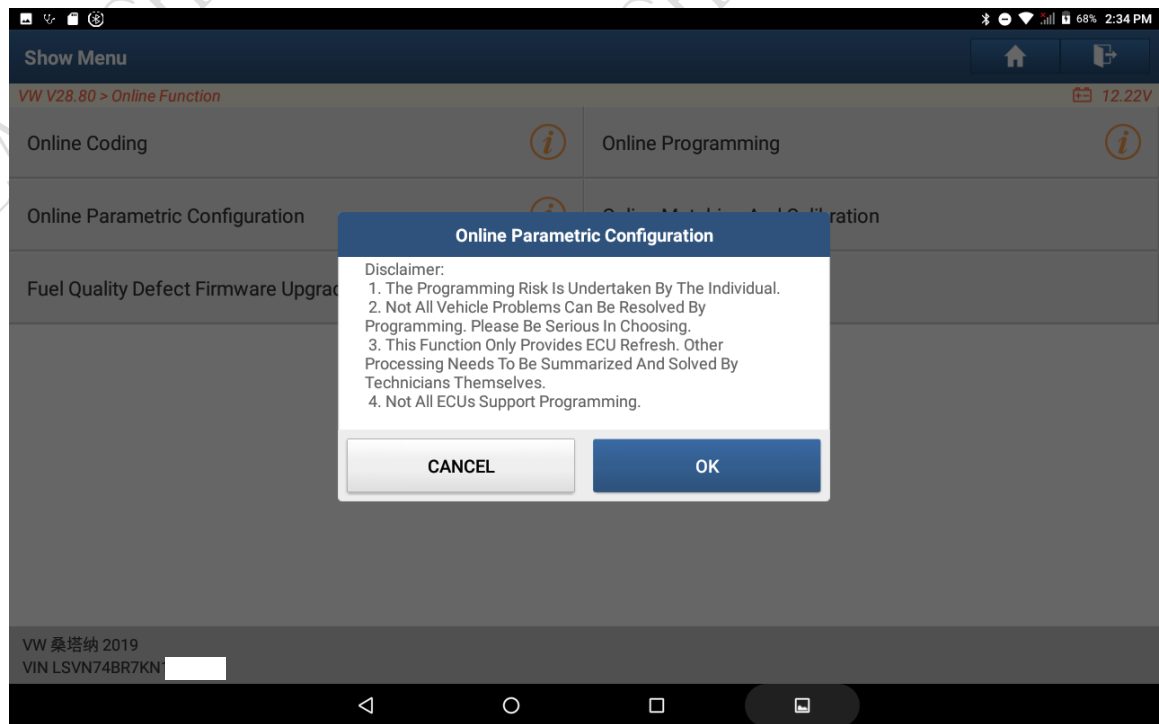
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- After completely performing “Reset to factory setting”, “44 Power Steering System” will store the following DTCs. Perform the next steps to clear these DTCs.

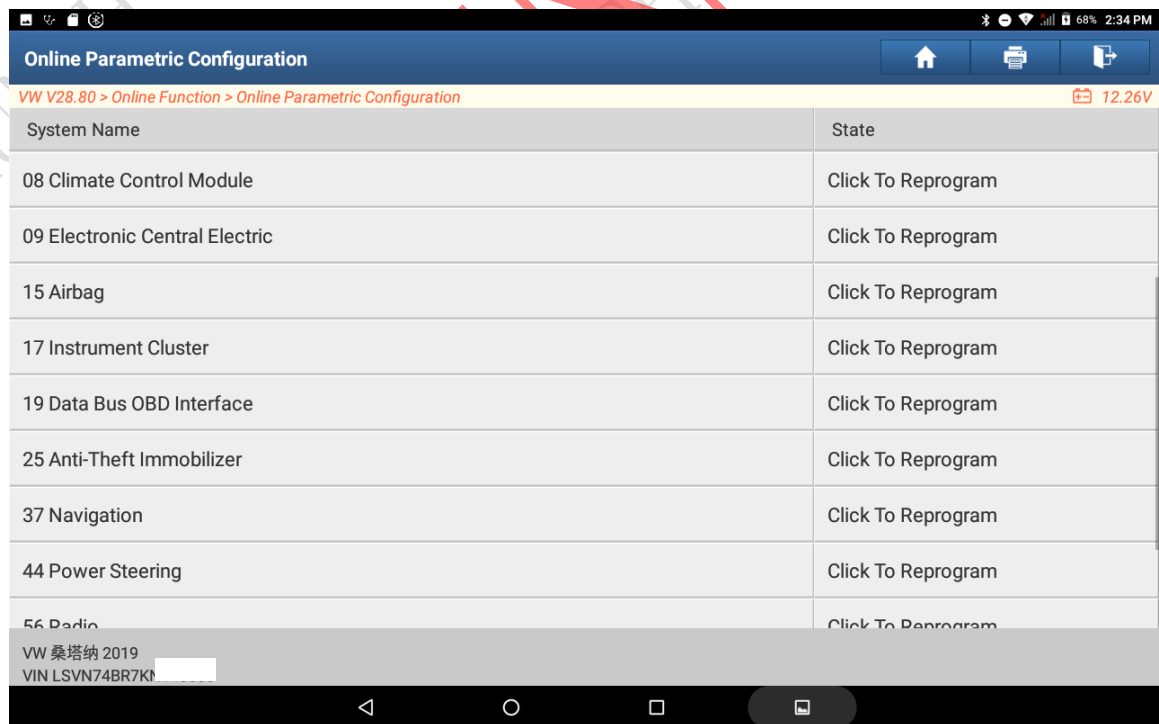


- Next perform the function of [Online Parametric Configuration]. Select [Online Function] and the following menu will show up. Select [Online Parametric Configuration]. The procedure and notes are shown as follows.

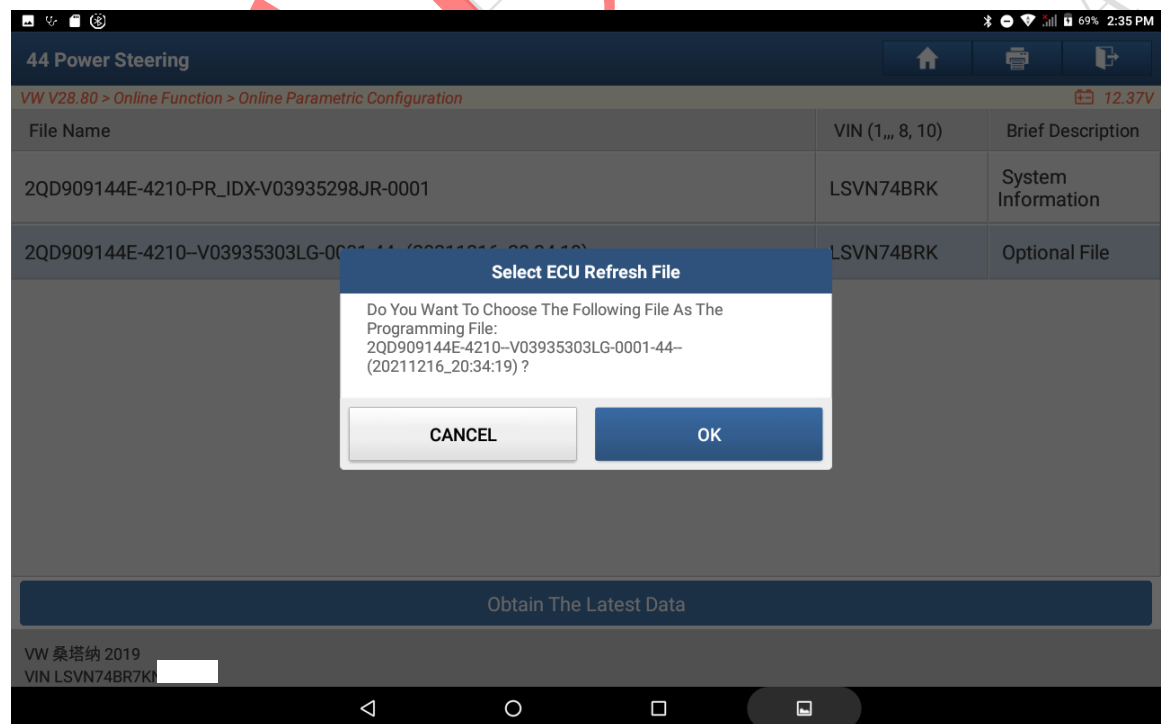
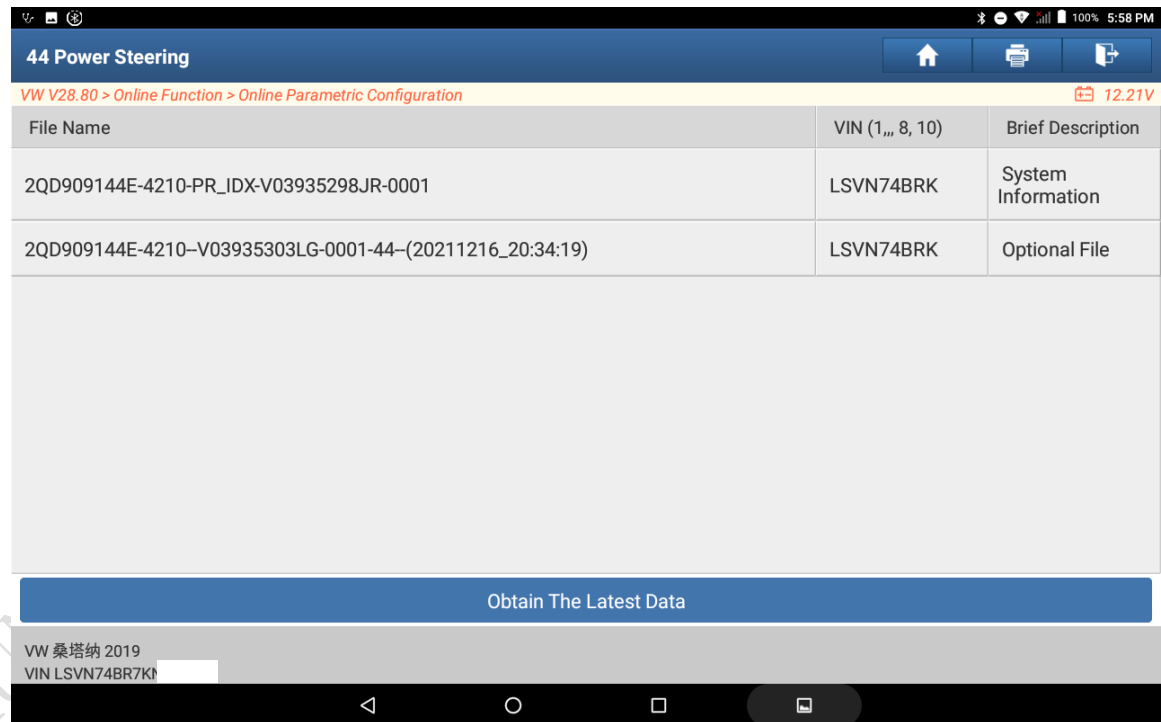


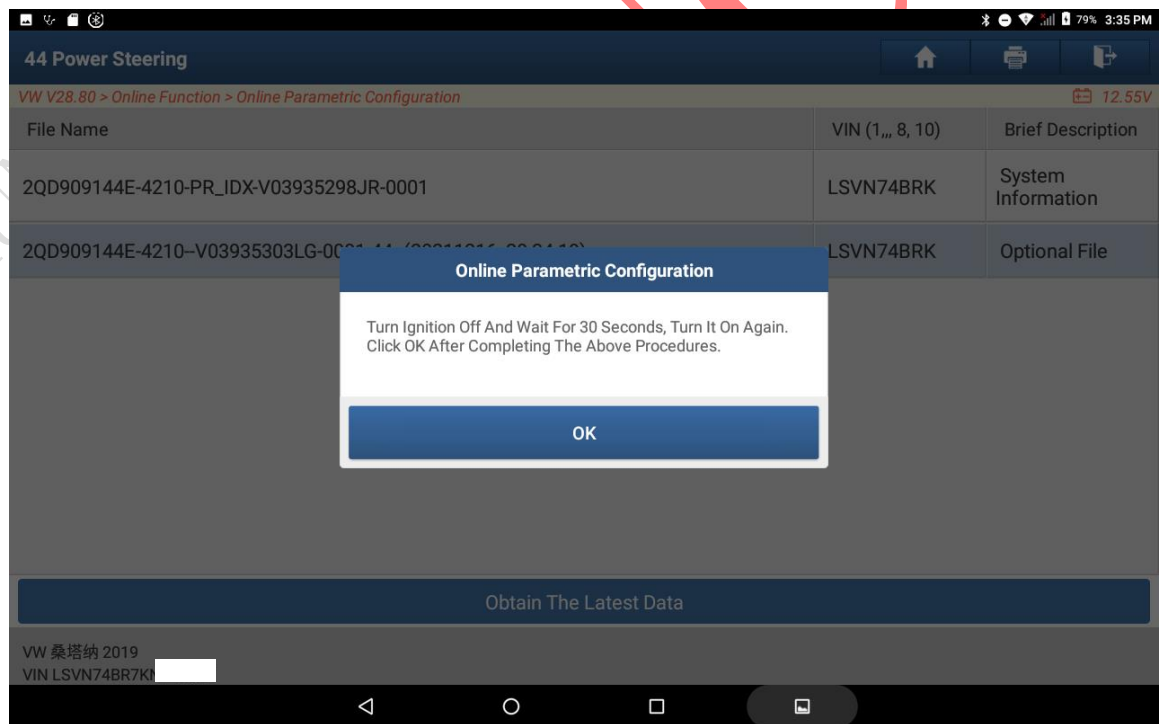
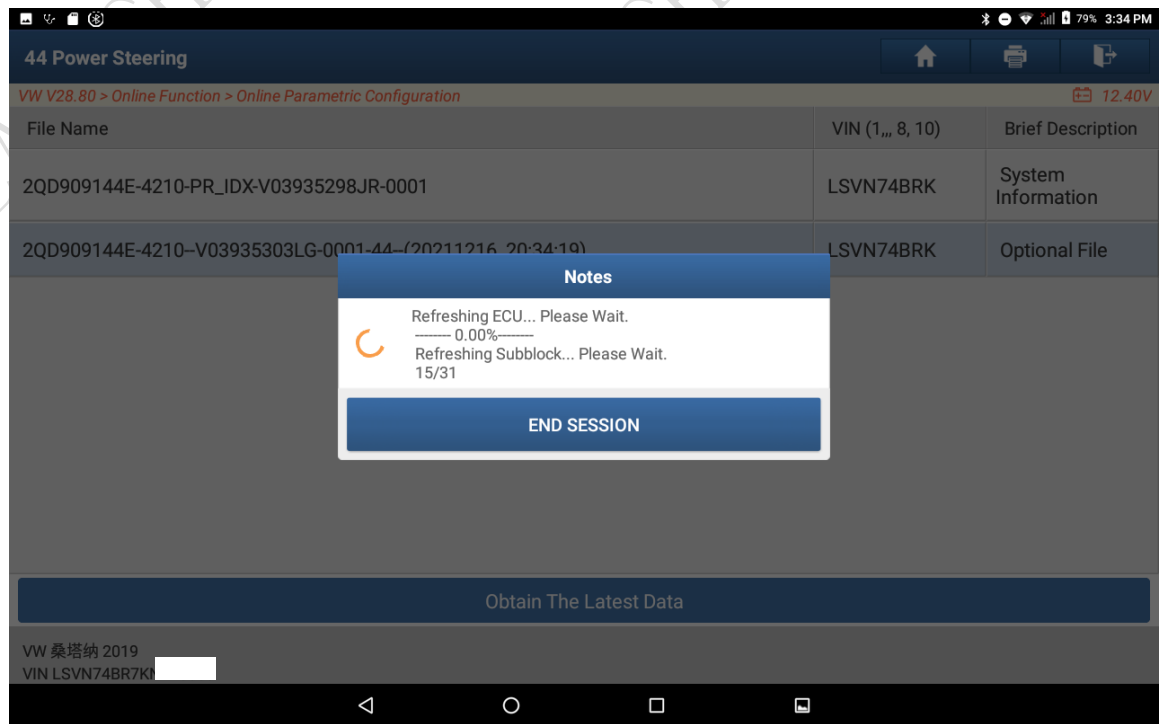


7. The following system list will show up after clicking OK.



8. Select 44 Power Steering system [Click to Reprogram]. After entering, select one file to reprogram it. After completing [Online Parametric Configuration], you need to switch the ignition off for 30 seconds and then switch it on again. Version information will be read again and now it means the reprogramming is successfully completed. Please note, if the message “safety verification command, verification failed” is displayed during the reprogramming, and then [Online parametric configuration] will need to be performed again.





44 Power Steering

VW V28.80 > Online Function > Online Parametric Configuration 12.58V

Feature	Before Update	After Update
LSVN74BR7KN140800	VOLKSWAGEN	VW2531CS
Vw/Audi Part Number:	2QD909144E	2QD909144E
Software Version:	4210	4210
Hardware Part Number:	2QD909144A	2QD909144A
Hardware Version:	420	420
ASAM/ODX File ID:	EV_SteerAssisNSKGEN3MQB	EV_SteerAssisNSKGEN3MQB
ASAM/ODX File Version:	003006	003006
VW Dataset Number Of ECU Data Container Number	V03935298JR	V03935298JR

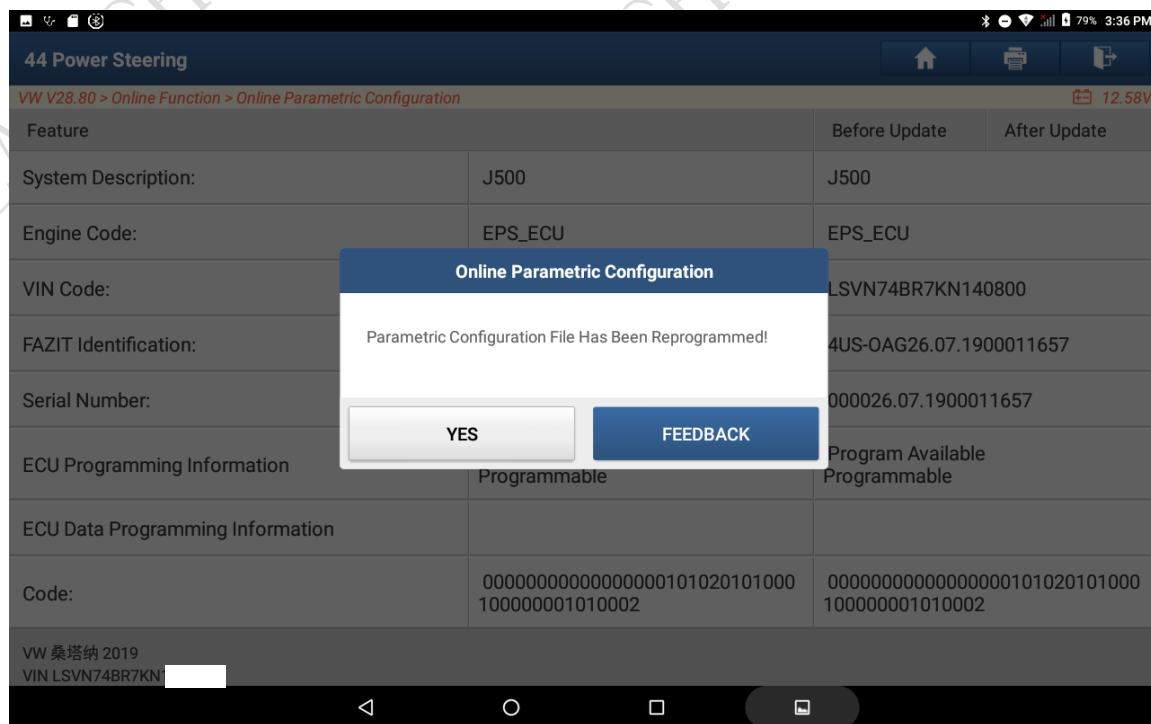
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44 Power Steering

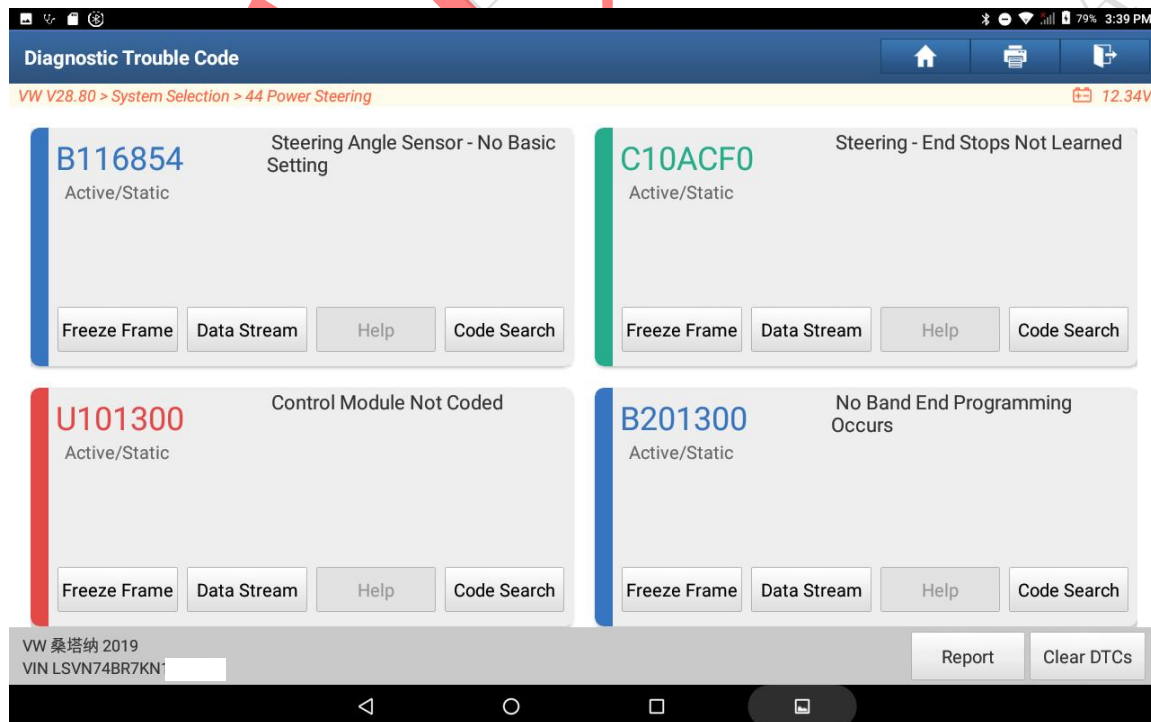
VW V28.80 > Online Function > Online Parametric Configuration 12.58V

Feature	Before Update	After Update
VW Dataset Version Number	0001	0001
Vehicle Equipment Code And PR Number Combination		
System Description:	J500	J500
Engine Code:	EPS_ECU	EPS_ECU
VIN Code:	LSVN74BR7KN140800	LSVN74BR7KN140800
FAZIT Identification:	4US-OAG26.07.1900011657	4US-OAG26.07.1900011657
Serial Number:	000026.07.1900011657	000026.07.1900011657
ECU Programming Information	Program Available Programmable	Program Available Programmable

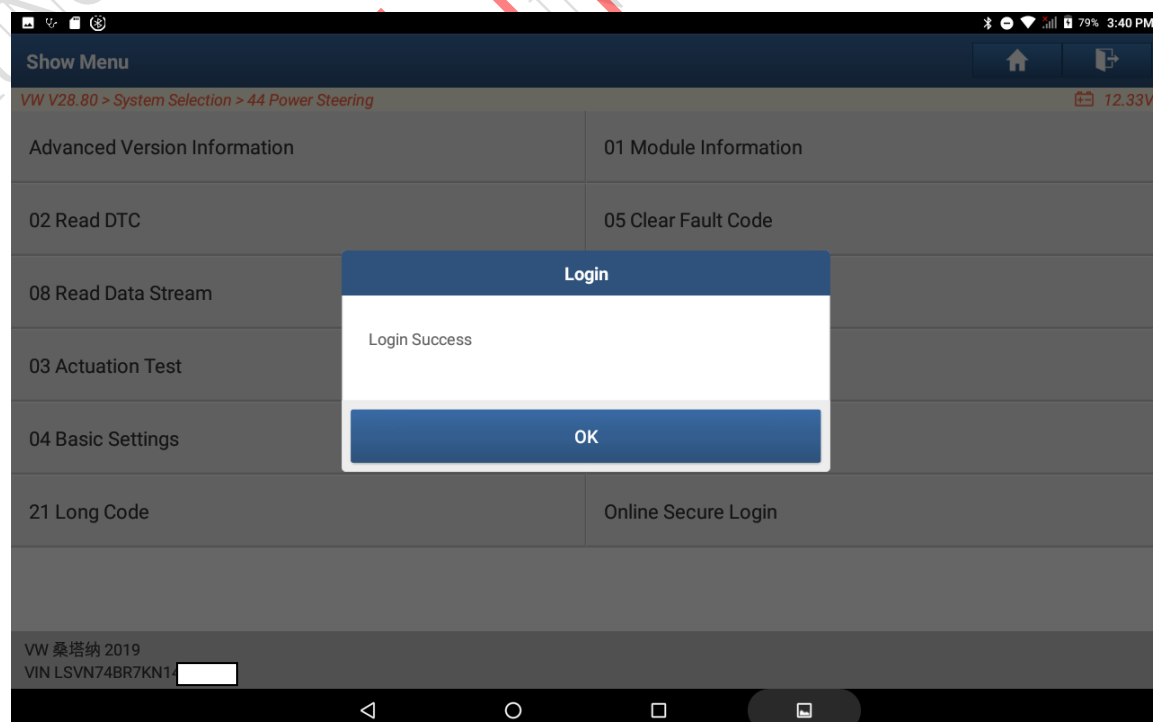
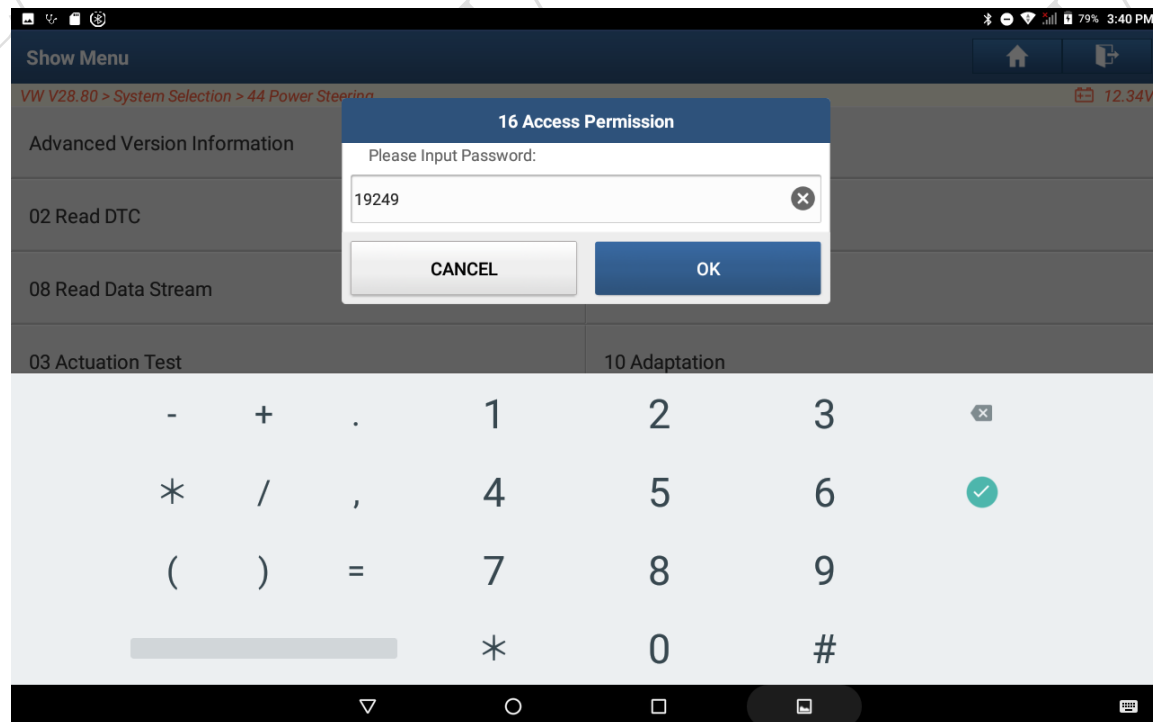
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- After performing [Online parametric configuration], please enter 44 system to read DTC again. At this time, an extra DTC “U101300 Control module not coded” will show up. So you need to perform either “Long Code” or “Online Coding” according to the actual situation. Right now the DTC “B201300 No Band End Programming Occurs” may not be cleared, but you can clear it after finishing “Coding”.



10. 7.1 Long code (this branch could be performed if the initial code of 44 system is known)
 Perform [16 Access Permission] after entering the 44 Power steering system. The password is 19249.



11. After successful login, perform the function of [21 Long Code], and input the long code:
 00000000000000000000101020101000100000001010002. Click OK until the

right after entering 44 system.

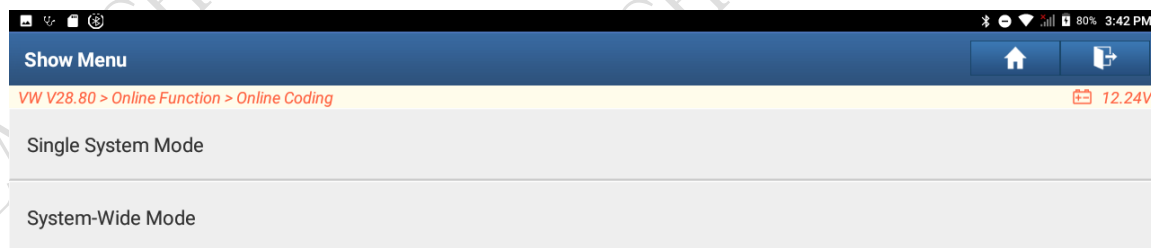
Show Menu	
Health Report	System Scan
System Selection	Special Function
Online Function	VW Crafter (LT3) Light Trucks
Fault Guidance	ADAS Calibration
Maintain Information	

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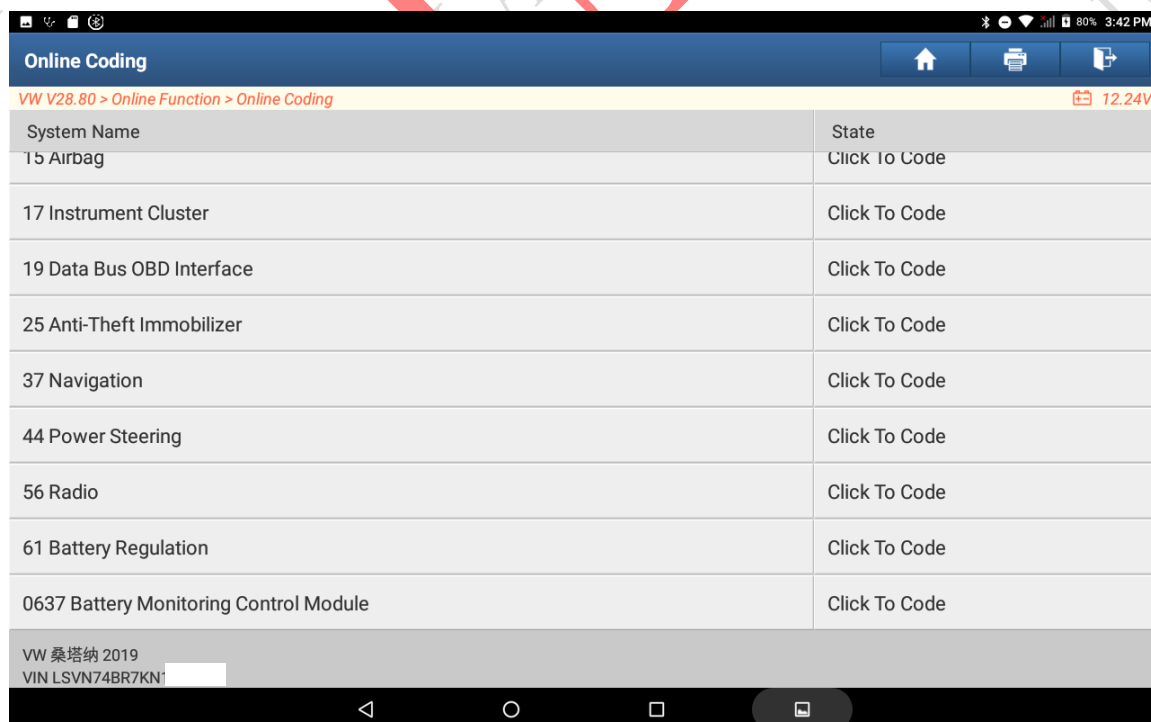
Notes

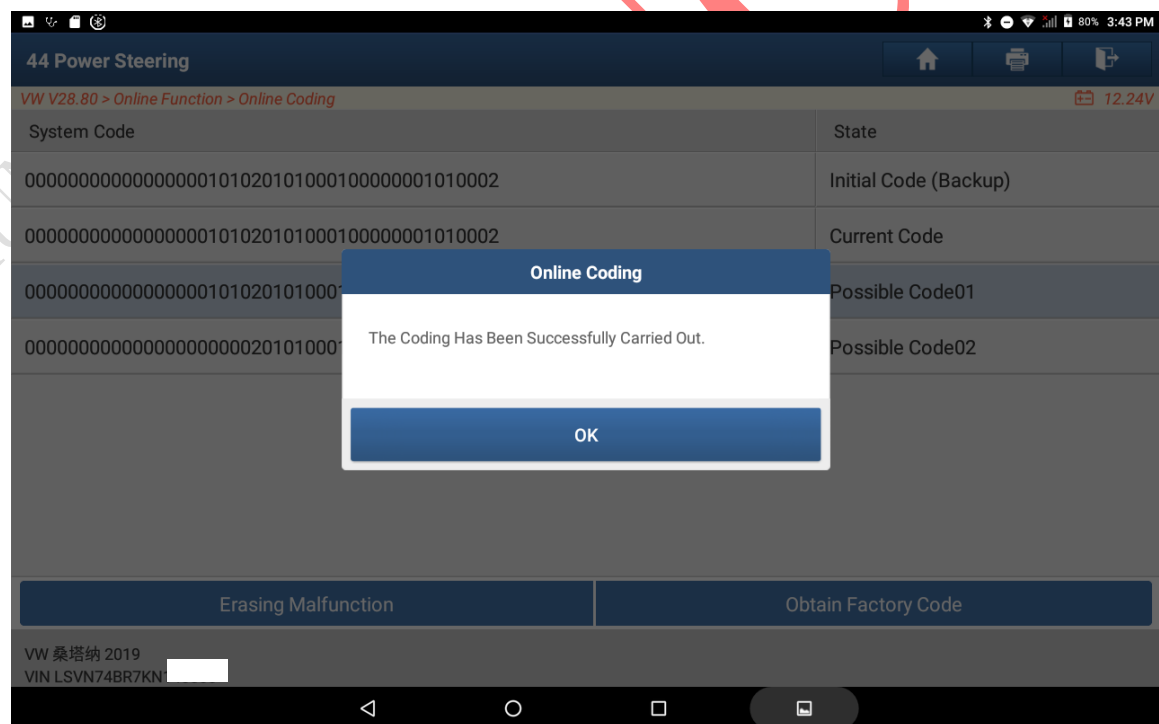
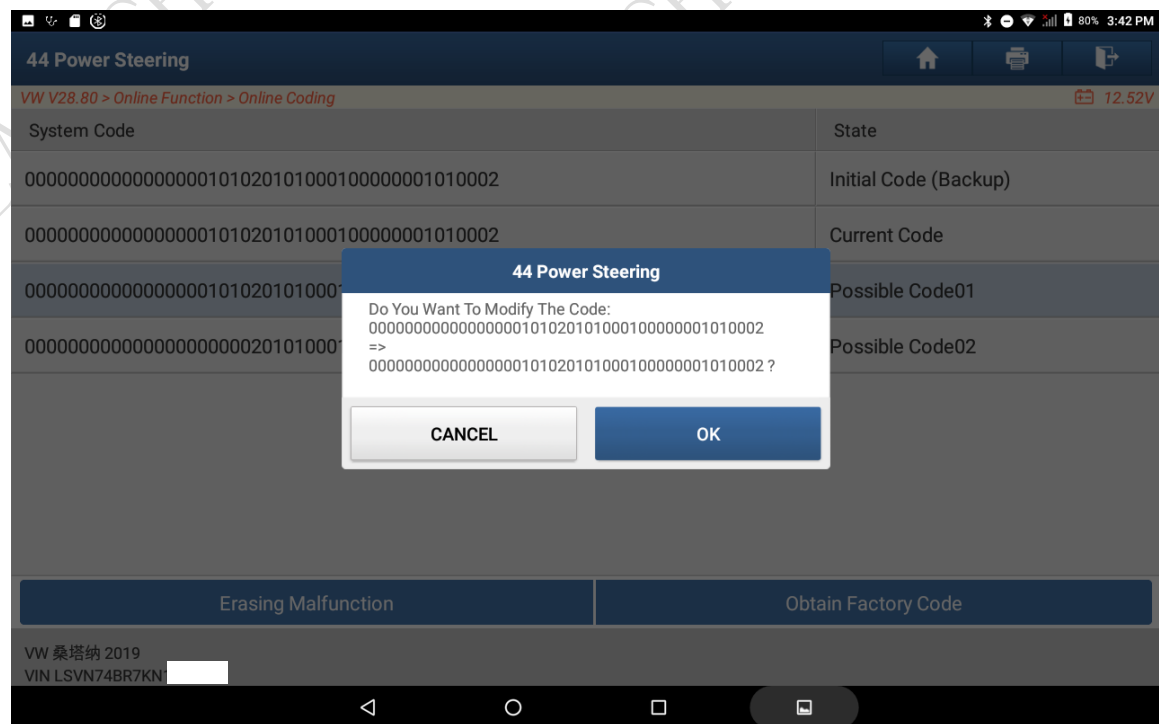
The Program Is About To Download A File. Please Wait...

END SESSION

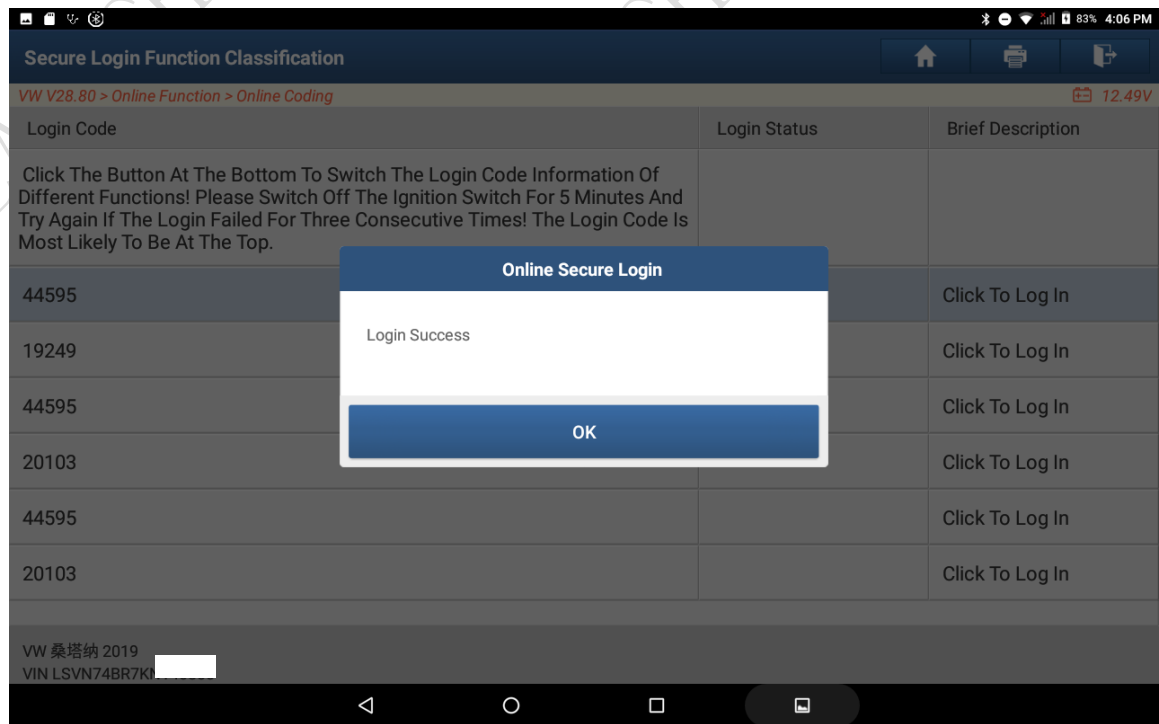


- After entering, select [44 Power Steering] system, and then select one to code from the list that could possibly be coded (for instance: 00000000000000000101020101000100000001010002). When the message “The Coding Has Been Successfully Carried Out” is displayed, and it means the coding is finished.

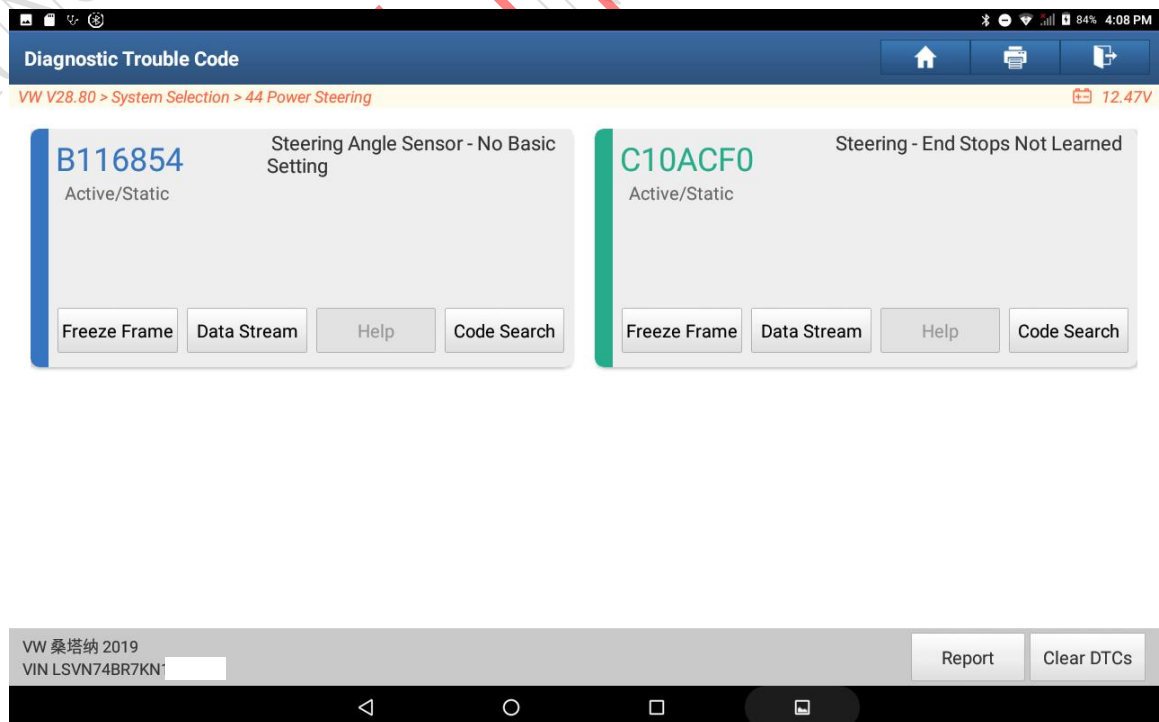




14. During the coding, if it the message “Automatic ‘Security Login’ Failed” is displayed, as shown in the following Figure, please perform [Online Secure Login]. After entering Online Secure Login, please use “44595” to log in. Then please continue the online coding after successful login.



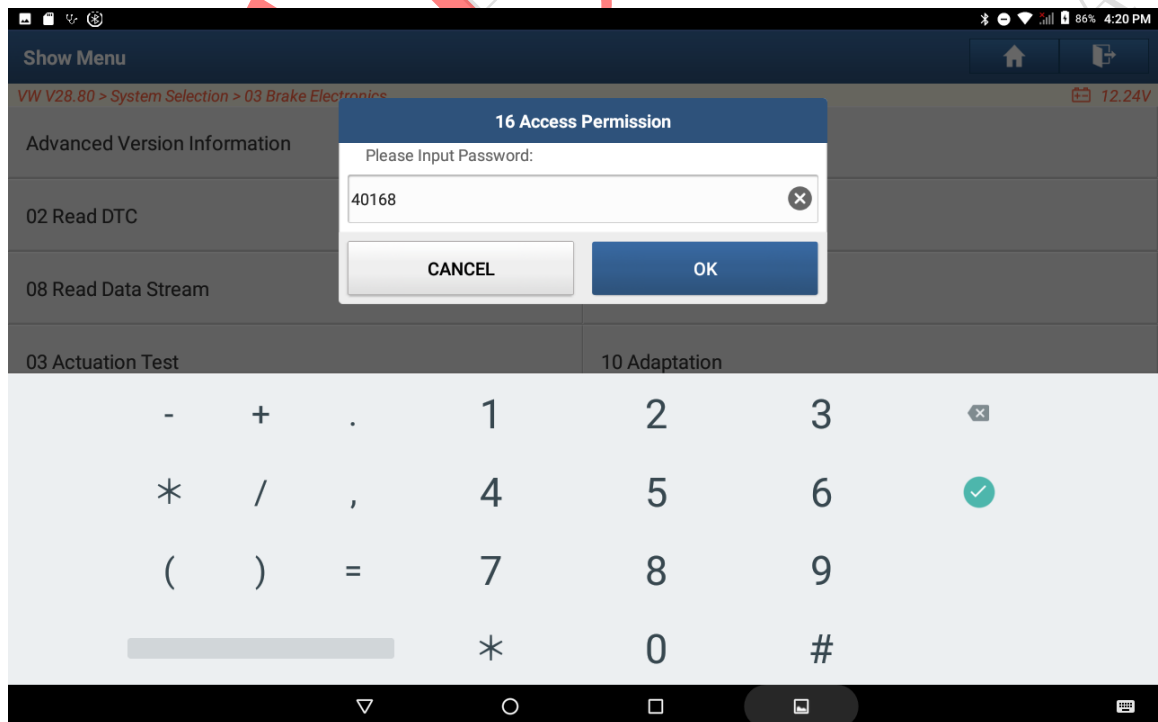
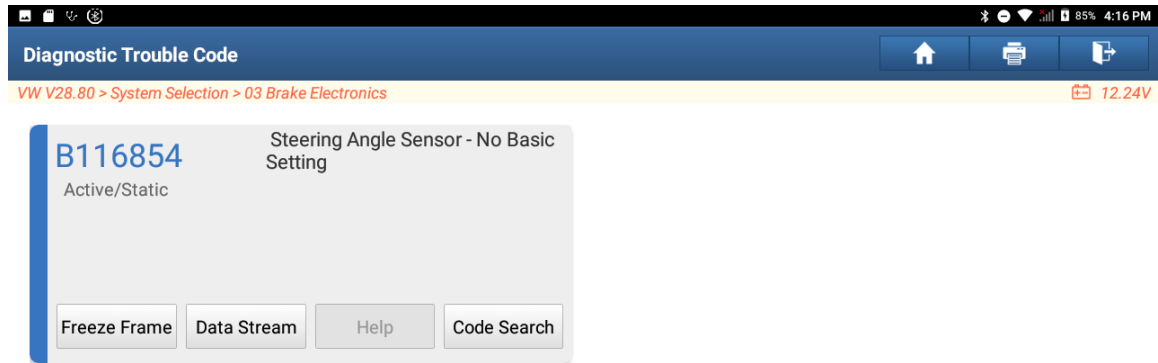
15. Read the DTC again after finishing the coding. At this time, the DTCs “U101300 Control module not coded” and “B201300 No Band End Programming Occurs” have been cleared, but the following two DTCs still exist.

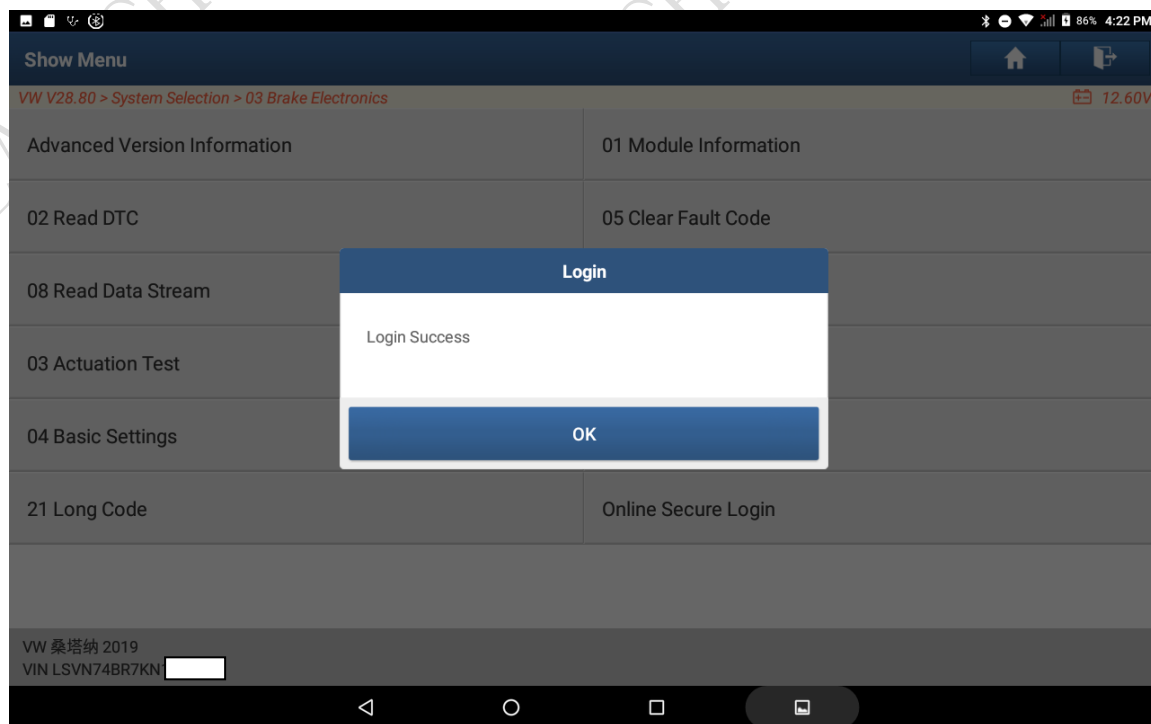


16. For the DTC “C10ACF0 Steering - End Stops Not Learned Active/Static”, full lock position setting of the steering wheel is needed. Turn the steering wheel to the left and right full lock position respectively and stop for a few seconds until

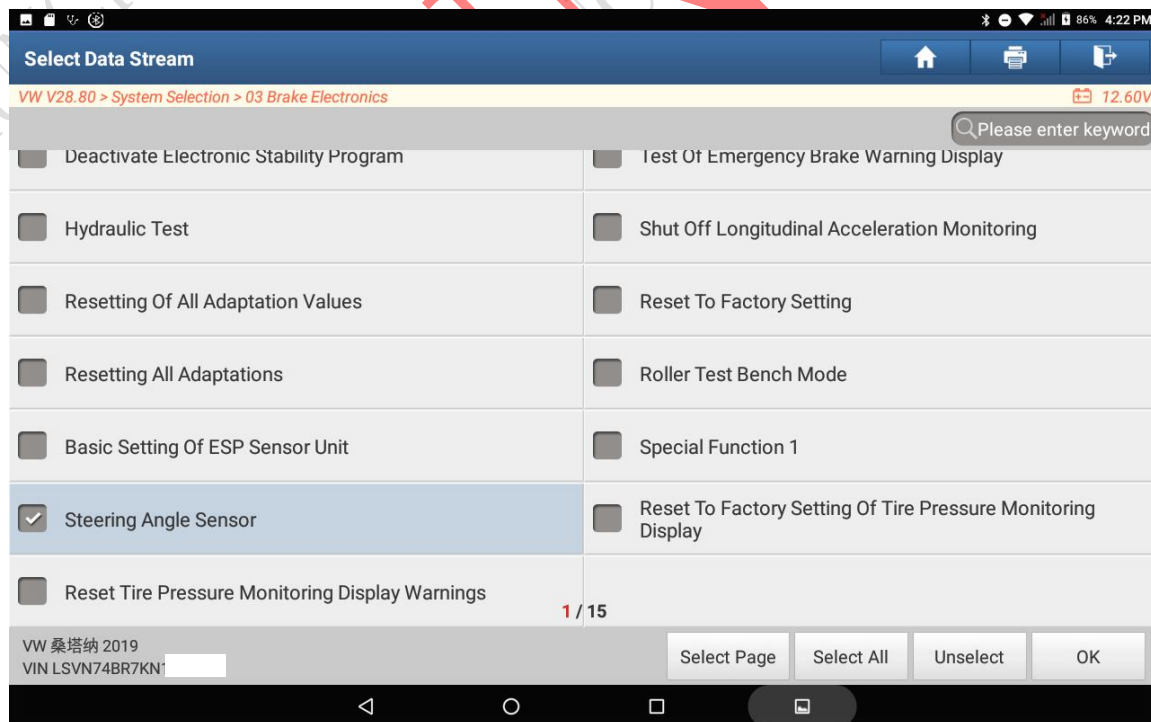
you can hear “Ding Ding Ding” from the instrument. It means the setting is successful. Clear the DTC.

- For the DTC “B116854 Steering Angle Sensor, No Basic Setting” of 44 system, you need to enter 03 system and do the basic setting. First enter [03 Brake Electronics] system, read the following DTC (sometimes 03 system may not have this DTC). First perform [16 Access Permission]. The password is “40168”.

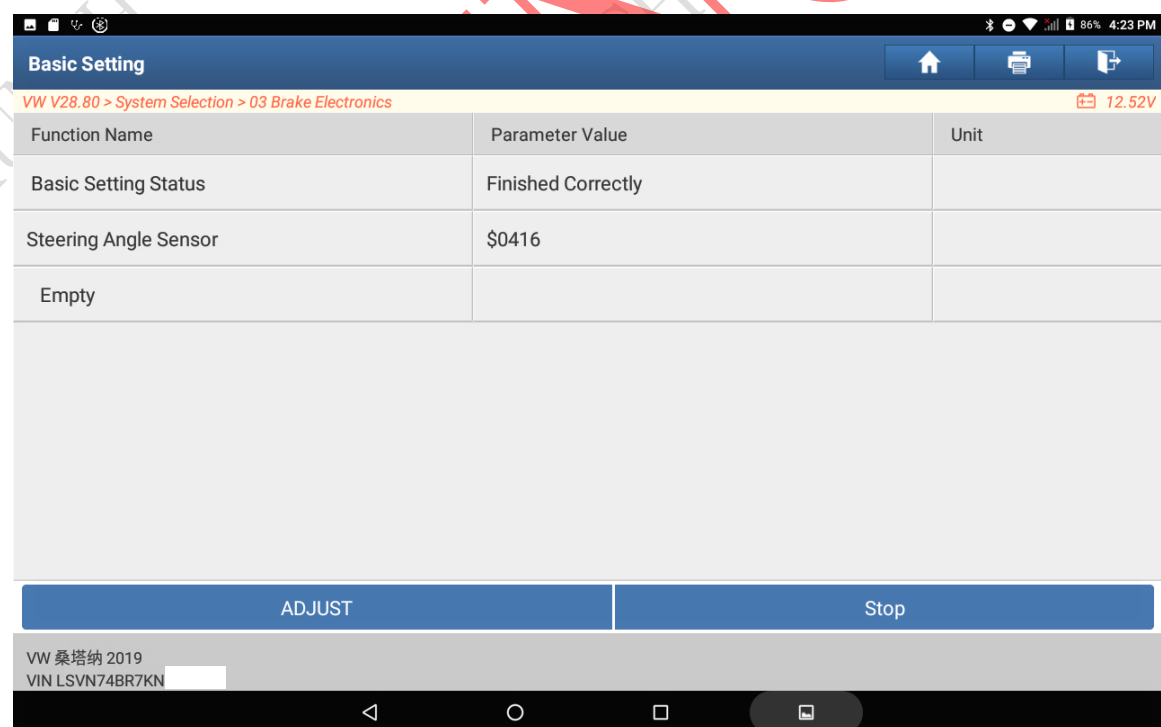
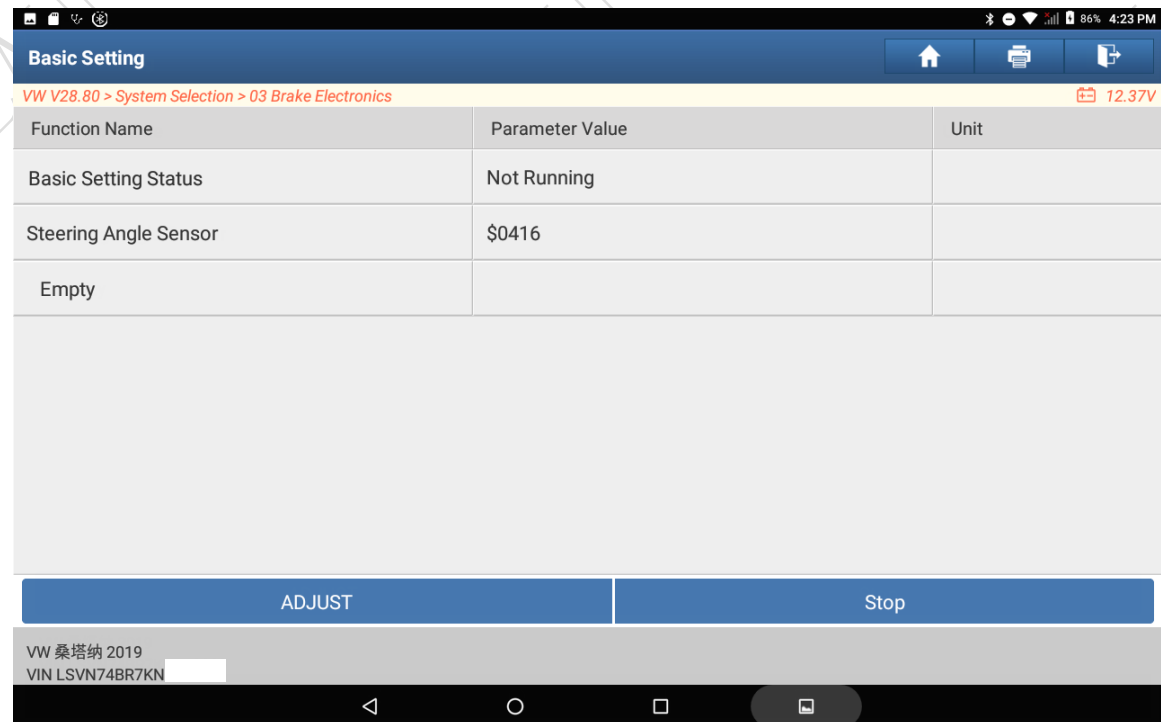




18. After successful login, perform the function of [04 Basic System Adjustment]. Select “Steering Angle Sensor” and click OK.

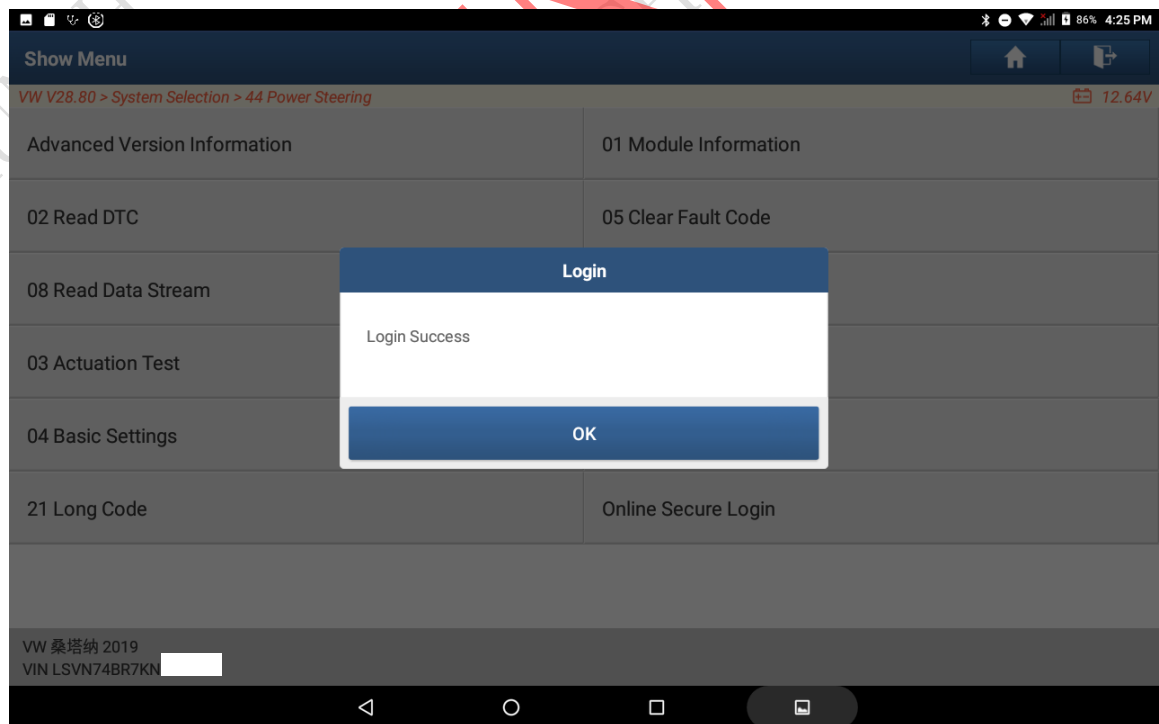
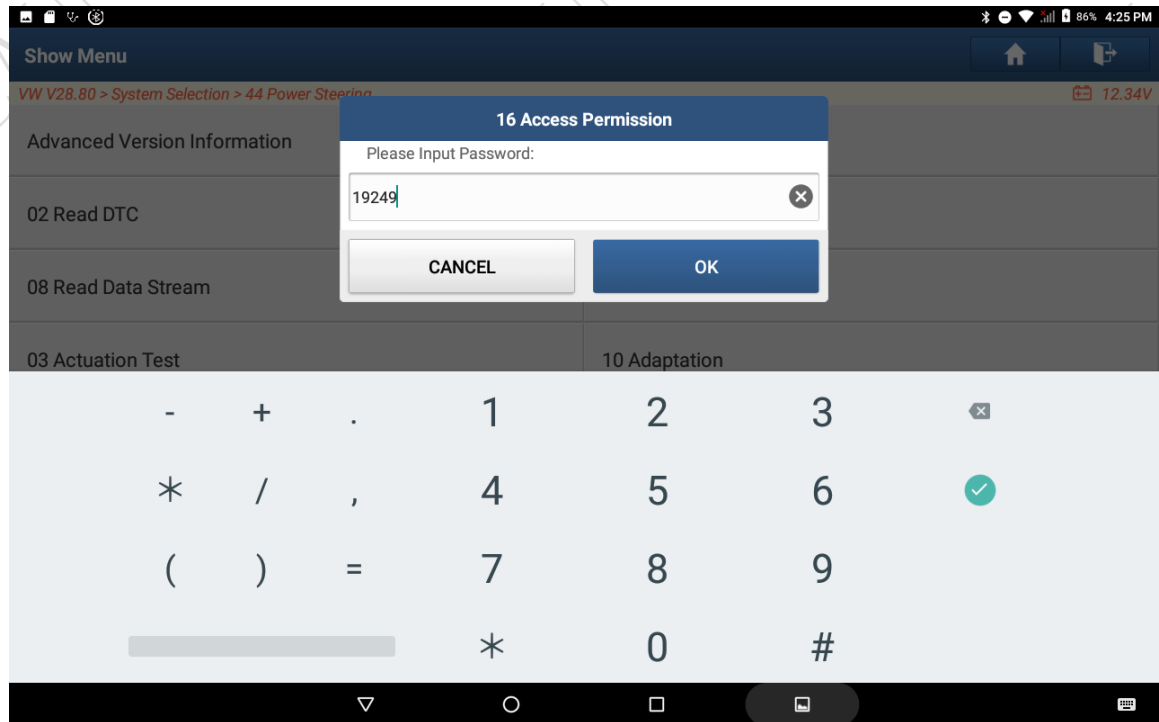


19. Select ADJUST in the following interface. When the status of basic setting changes to “Finished Correctly”, it means the operation is finished.



20. After completing the basic adjustment of steering angle for 03 system, clear and read the DTC of 03 system as well as 44 system again. At this time, in most occasions, the DTCs of 03 system and 44 system are already cleared. If the DTC “B116854 Steering Angle Sensor, No Basic Setting” still exists, please enter 44 system and perform the basic adjustment. The operation procedure is the same as

03 system. The only difference is that the security login password for 44 system should be "19249". Please see the operation as follows.



Select Data Stream 12.64V

VW V28.80 > System Selection > 44 Power Steering

Please enter keyword

<input type="checkbox"/> Resetting Of All Adaptation Values	<input type="checkbox"/> Resetting All Adaptations
<input type="checkbox"/> Software End-Stop Reset	<input type="checkbox"/> Reset To Factory Setting
<input checked="" type="checkbox"/> Steering Angle Sensor	<input type="checkbox"/> Steering Angle Sensor, Move To Mechanical Center
<input type="checkbox"/> Steering Angle Sensor, Zero Calibration W/ Steer. Wheel Scales	<input type="checkbox"/> Steering Angle Sensor, Software End-Stops

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Select Page Select All Unselect OK

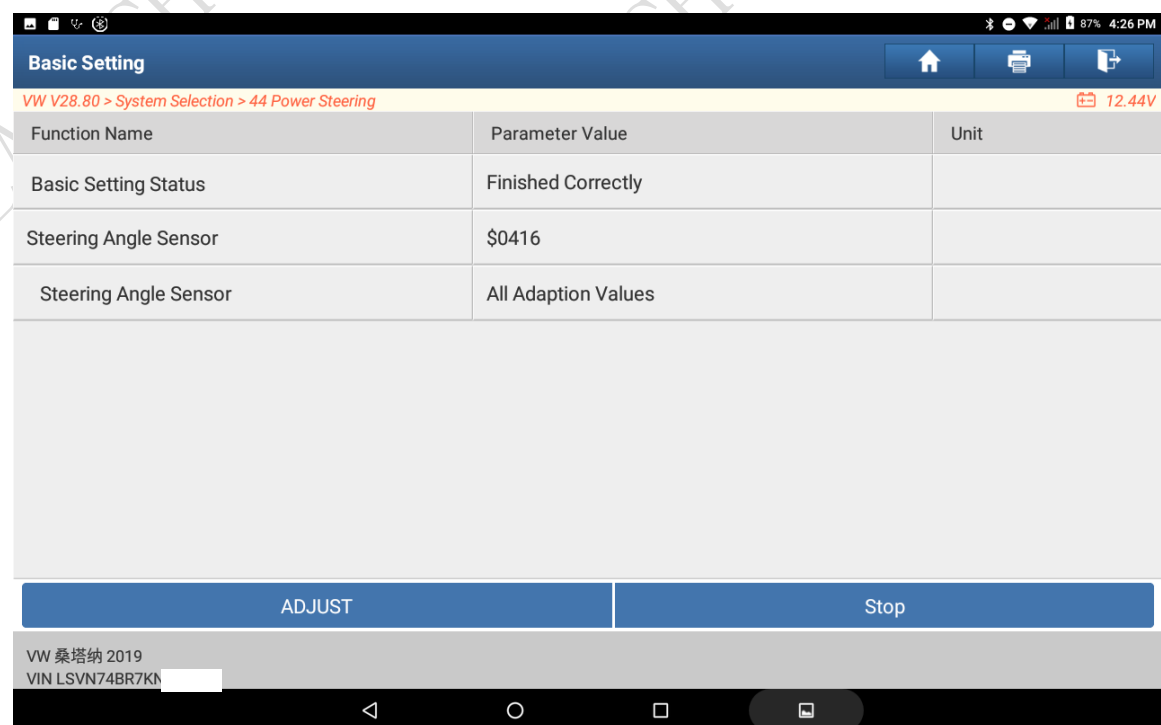
Basic Setting 12.30V

VW V28.80 > System Selection > 44 Power Steering

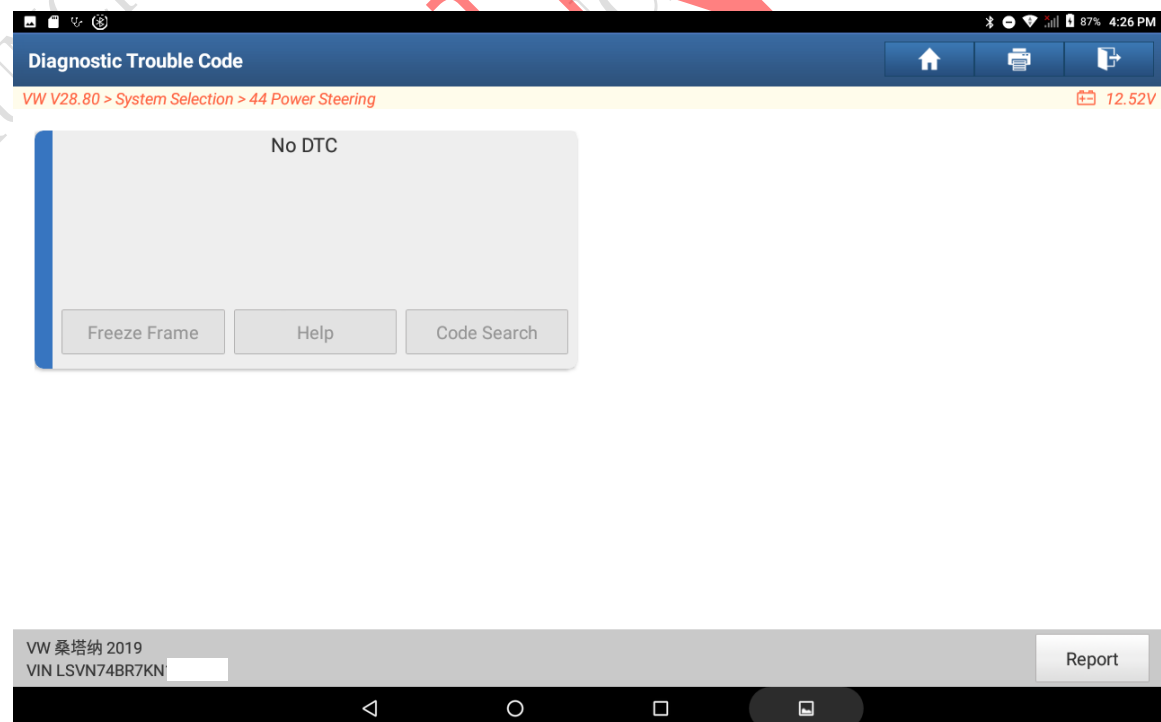
Function Name	Parameter Value	Unit
Basic Setting Status	Not Running	
Steering Angle Sensor	\$0416	
Steering Angle Sensor	All Adaption Values	

ADJUST Stop

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21. Read DTC again after finishing the above procedures. There is no DTC right now and the malfunction indicator lamp will go out as well. The operation is completed.



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