LAUNCH

VW 6_Steering_Angle_Learning_Steps Golf_2013

Models:

Golf_2013

Symptom:
The four-wheel alignment the back direction lights, ABS lights, and side-slip lights are on, and the power steering system reports 03803 steering angle without basic setting fault code.
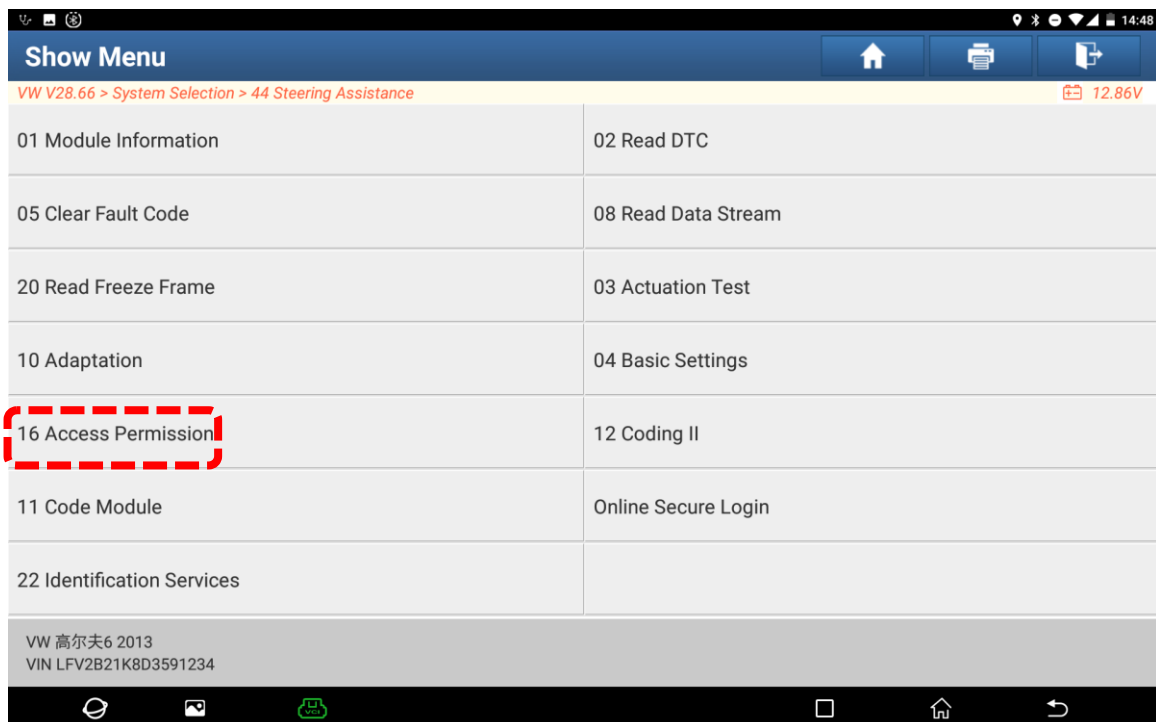
Solution:
Steering angle reset

Used equipment:
X431-PRO3 V3.0

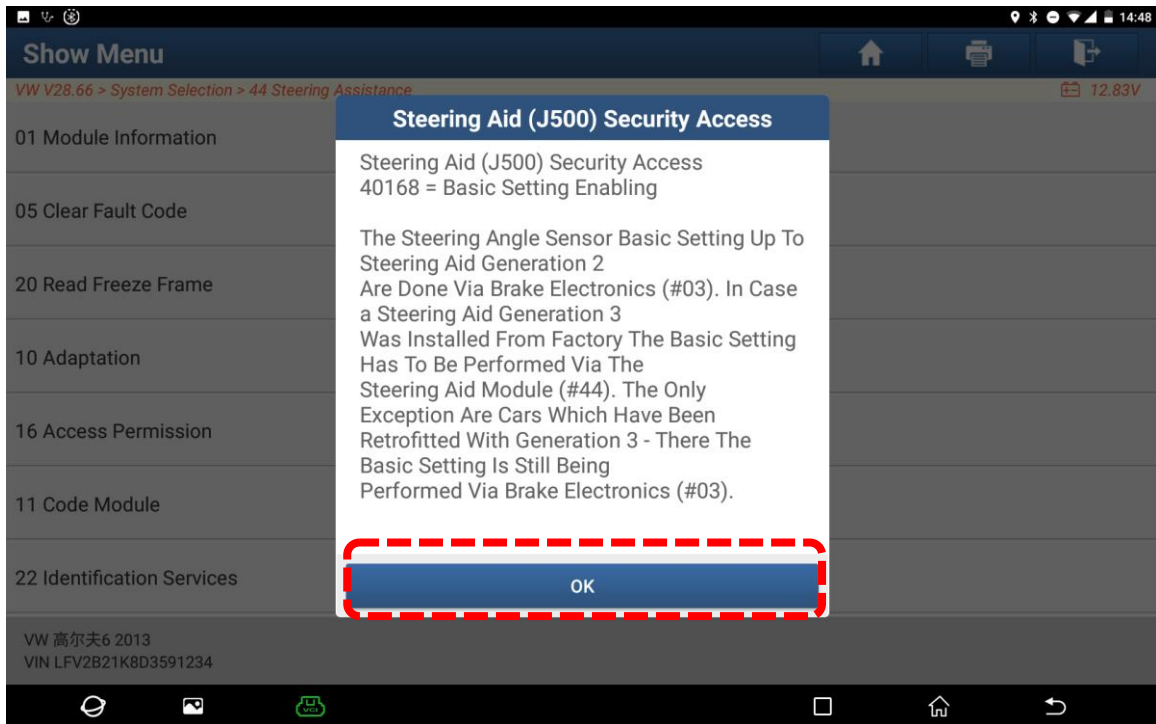**Software Version:**
V28.66

Steps:

1. Select the car system software to enter, select' 44 Steering Assistance', select '16 Access Permission':
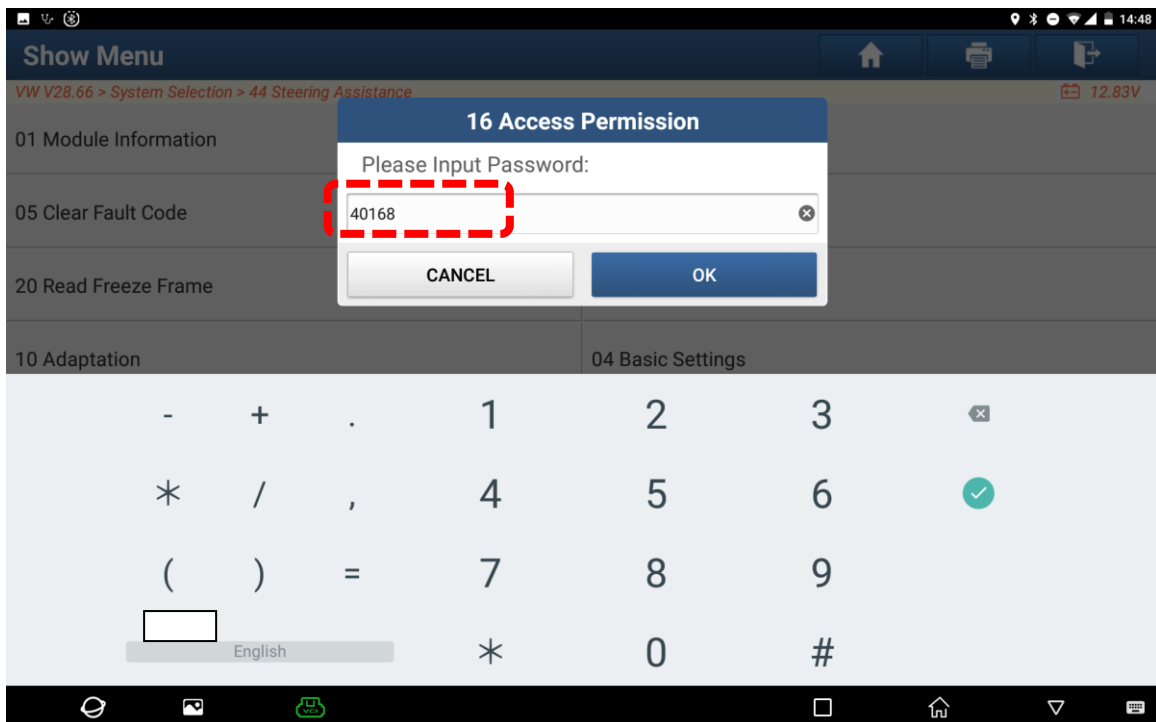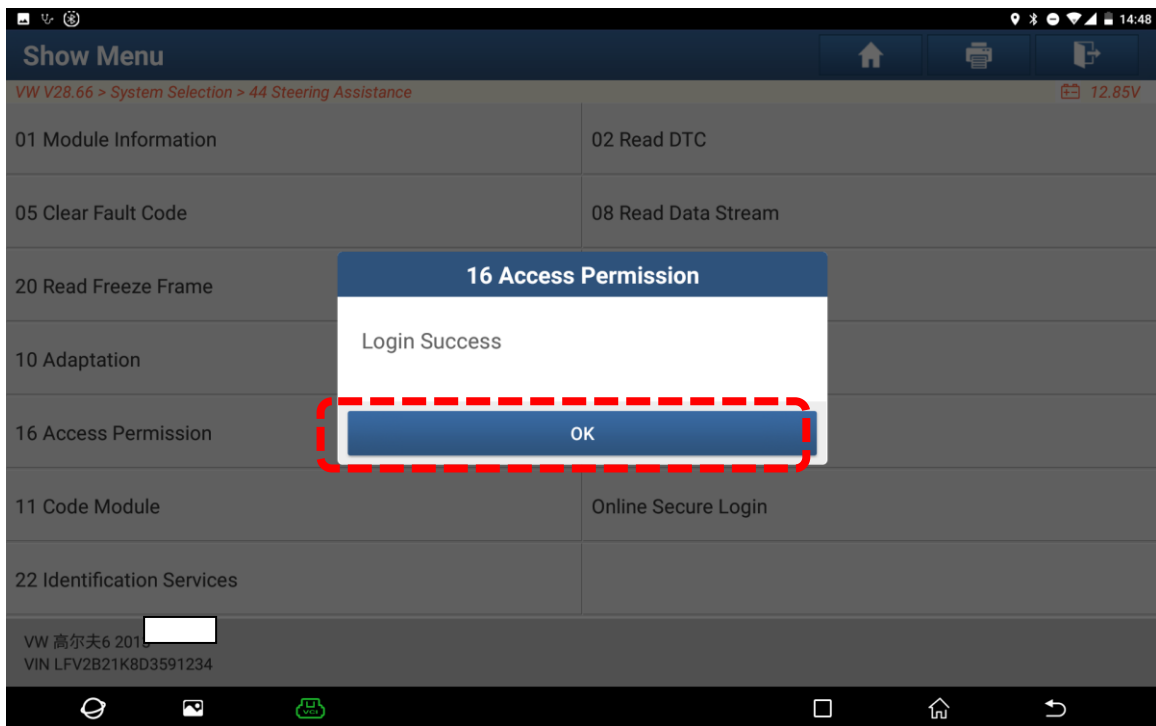
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2. Click OK to enter the secure login.

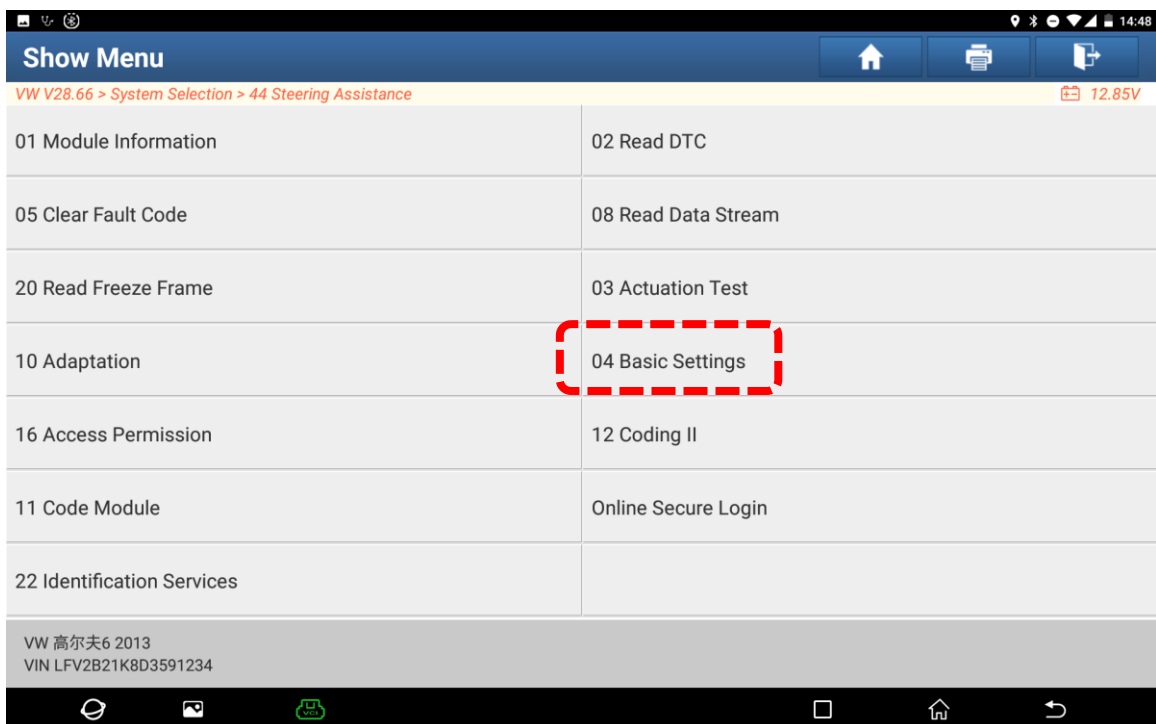3. Input' 40168 'and click 'OK' to log in.
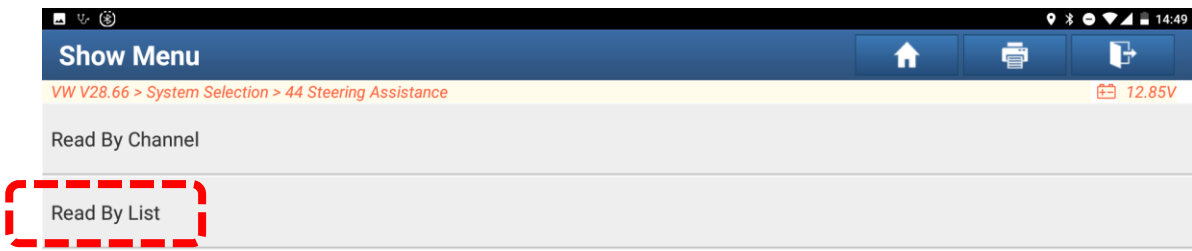
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4. Click OK after successful login.

Show Menu

VW V28.66 > System Selection > 44 Steering Assistance   12.85V

01 Module Information	02 Read DTC
05 Clear Fault Code	08 Read Data Stream

16 Access Permission

Login Success

OK

20 Read Freeze Frame	
10 Adaptation	
16 Access Permission	
11 Code Module	Online Secure Login
22 Identification Services	

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5. Select 'Basic Settings' option to enter.

Show Menu

VW V28.66 > System Selection > 44 Steering Assistance   12.85V

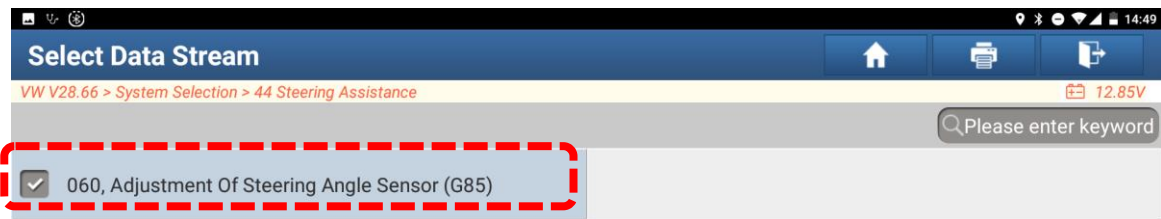| 01 Module Information	02 Read DTC
05 Clear Fault Code	08 Read Data Stream
20 Read Freeze Frame	03 Actuation Test
10 Adaptation	04 Basic Settings
16 Access Permission	12 Coding II
11 Code Module	Online Secure Login
22 Identification Services	

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6. Select 'Read By List' option.

7. Select the '060, Adjustment Of Steering Angle Sensor' option, then click the lower right corner 'OK'.

8. After entering, compare the positive and negative angles of the steering angle. The difference between the positive and negative angles is preferably within value 10 degrees. Turn the left steering wheel to the end. The current positive angle is 494.10 degrees.

Active Test		
VW V28.66 > System Selection > 44 Steering Assistance		12.86V
Name	Value	Unit
060, Adjustment Of Steering Angle Sensor (G85)	060	
060-1, Adjustment	Adjustment	
060-2, Adjustment-Status	Angle Sensor	
060-3, Steering Angle-Sensor (G85)	Impossible	
Steering Angle	494.10	deg

ADJUST	Help

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9. The negative angle is 492.00, and the angle difference is within 10 degrees, which can be reset.

Active Test		
VW V28.66 > System Selection > 44 Steering Assistance		12.85V
Name	Value	Unit
060, Adjustment Of Steering Angle Sensor (G85)	060	
060-1, Adjustment	Adjustment	
060-2, Adjustment-Status	Angle Sensor	
060-3, Steering Angle-Sensor (G85)	Impossible	
Steering Angle	-492.00	deg

ADJUST	Help

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10.   When the steering wheel is back to the original direction, the steering angle sensor (G85) must be displayed the value 'Possible',then leave the steering wheel with both hands and click the 'ADJUST' option in the lower left corner.

11. The' Adjustment-Status ' option shows that it has been calibrated.
Exit and clear ssthe fault code then do a road test. The fault light sometimes goes out after the road test. If the road test light still does not go off, repeat the reset procedure.

END