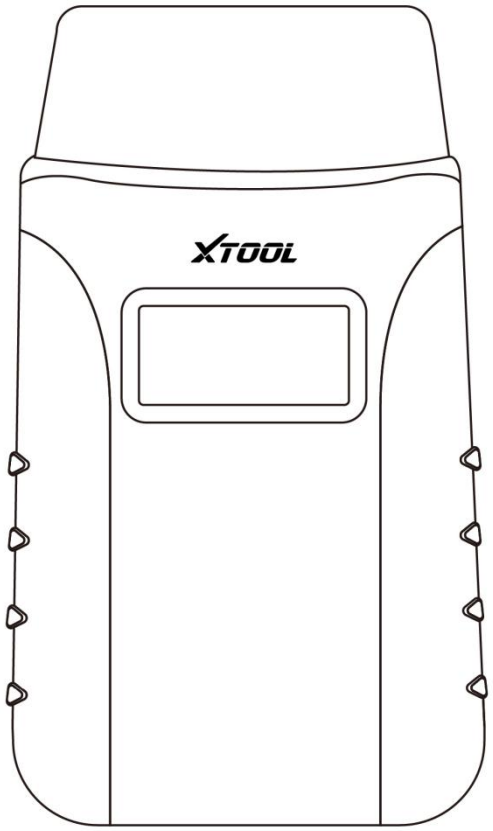
USER MANUAL

Anyscan Wireless Scan Tool



This user manual is applicable to A30/A30D/A30M

Shenzhen Xtooltech Intelligent Co., LTD

Please read this user manual carefully before using the Anyscan Wireless Scan Tool. When reading the manual, please pay attention to the words “Note” or “Caution” and read them carefully for appropriate operation.

TRADEMARKS

XTOOL and Anyscan® are the registered trademarks of Shenzhen Xtooltech Intelligent CO., LTD.

In countries that the trademarks, service marks, domain names, logos, and the name of the company are not registered, XTOOL claims that it still reserves the ownership of the unregistered trademarks, service marks, domain names, logos, and the company name. All other marks for the other products and the company’s name mentioned in the manual still belong to the original registered company.

You may not use the trademarks, service marks, domain names, logos, and company name of XTOOL or other companies mentioned without written permission from the trademark holder.

XTOOL reserves the right to the final interpretation of this manual content.

COPYRIGHT

Without the written consent of Shenzhen Xtooltech Intelligent Co., Ltd., any company or individual shall not copy or backup this operation manual in any form (electronic, mechanical, photocopying, recording, or other forms).

DECLARATION

This manual is designed for the usage of the Anyscan Wireless Scan Tool and provides operating instructions and product descriptions for users of the Anyscan Wireless Scan Tool.

No part of this manual can be reproduced, stored in a retrieval system, or transmitted, in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), without the prior written permission of XTOOL.

Use the device only as described in this manual. XTOOL is not responsible for any

consequences of violating the laws and regulations caused by using the product or its data information

XTOOL shall not be liable for any incidental or consequential damages or for any economic consequential damages arising from the accidents of individual users and the third parties, misuse or abuse of the device, unauthorized change or repair of the device, or the failure made by the user not to use the product according to the manual.

All information, specifications, and illustrations in this manual are based on the latest configurations and functions available at the time of printing. XTOOL reserves the right to make changes at any time without notice.

OPERATION INSTRUCTIONS

For safe operation, please follow the instructions below:

- Keep the device away from heat or fumes when you are using it.
- If the vehicle battery contains acid, please keep your hands and skin or fire sources away from the battery during testing.
- The exhaust gas of the vehicle contains harmful chemicals, please ensure adequate ventilation.
- Do not touch the cooling system components or exhaust manifolds when the engine is running due to the high temperatures reached.
- Make sure the car is securely parked, Neutral is selected or the selector is at P or N position to prevent the vehicle from moving when the engine starts.
- Make sure the (DLC) diagnostic link connector is functioning properly before starting the test to avoid damage to the Diagnostic Tablet.
- Do not switch off the power or unplug the connectors during testing, otherwise, you may damage the ECU and/or the Diagnostic Tablet.

CAUTIONS

- Avoid shaking or dismantling the unit as it may damage the internal components.
- Do not use hard or sharp objects to touch the LCD screen;
- Do not use excessive force;
- Do not expose the screen to strong sunlight for a long period.
- Please keep it away from water, moisture, high temperature, or very low temperature.
- If necessary, calibrate the screen before testing to ensure the accuracy of LCD performance.
- Keep the main unit away from strong magnetic fields.
- Please keep your device always connected to the Internet. When the device is off the Internet for 30 days, The diagnosis APP may be locked and you need to synchronize data with the Internet to activate it.

AFTERSALES-SERVICES

✉ E-Mail: supporting@xtooltech.com

☎ Tel: +86 755 21670995 or +86 755 86267858 (China)

Official Website: www.xtooltech.com

ⓘ Please provide your device serial number, VIN code, vehicle model, software version, and other details when seeking technical support.

If there are screenshots or videos, it will better help us locate your problem.

CONTENTS

TRADEMARKS I
COPYRIGHT I
DECLARATION I
OPERATION INSTRUCTIONS II
CAUTIONS III
AFTERSALES-SERVICES III
CONTENTS IV

1 GENERAL INTRODUCTION 1
1.1 Function Description 1
1.2 Main Menu 2
1.3 Function Buttons 3
1.4 Technical Specifications 4
1.5 Wireless Communication 4
1.6 Power Source 4
2 GETTING START 5
2.1 Download & Install App 5
2.2 Registration & Activation 6
2.3 Download & Update Software 7
2.4 Vehicle Connection 8
2.5 Bluetooth Connection 8
2.6 VCI Status 9
2.7 Delete Software 10
3 DIAGNOSIS 11
3.1 Auto Scan 11
3.2 Diagnosis 12

3.3 Diagnosis Functions 14
4 OBD II 21
5 SPECIAL FUNCTIONS 30
5.1 Oil Reset 31
5.2 EPB 34
5.3 SAS 37
5.4 DPF 41
5.5 BMS Reset 47
5.6 Throttle 50
5.7 Injector Coding 52
5.8 Gearbox Match 56
5.9 Gear Learning 57
6 REPORTS 60
6.1 Diagnosis Report 60
6.2 Data Playback 61
7 SETTING 63
7.1 Language 64
7.2 Units 65
7.3 Bluetooth 66
7.4 Workshop Information 66
7.5 VCI Information 67
7.6 About 68
8 FAQ 69
Q1: Bluetooth pairing failed 69
Q2: Failed to generate diagnosis report 69
Q3: Failed to extract files 70
Q4: How to upgrade firmware 70
Q5: How to generate and upload diagnostic log files 70
Q6: How to switch language 71
Q7: Failed to diagnose vehicle 71

Q8: Failed to activate or register 72
9 WARRANTY & SERVICES 73

APPENDIX 75
Legal Statement and Privacy Right Policy 75

1 GENERAL INTRODUCTION

Anyscan is a full system scan tool and easily to carry in your pocket, working together with mobile phones and tablets. Both iOS and Android platforms are supported. The Anyscan package includes a Bluetooth OBDII connector and an Anyscan application. It is a perfect DIY tool for customers to get a quick scan of all systems and full brands are covered. It also includes numerous special functions, such as service light reset, DPF regeneration, and EPB reset.

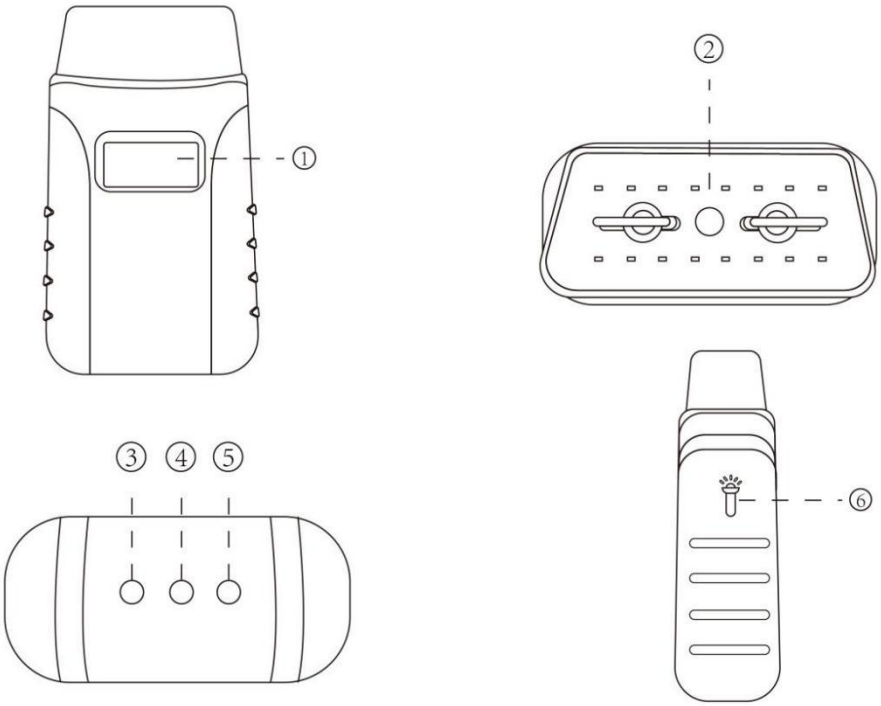


Figure 1-1 Product View

1.1 FUNCTION DESCRIPTION

① **Display** - shows the operating voltage of the device

② **Vehicle Data Connector (OBD-16 pin)** - connect the Anyscan to the vehicle's 16-pin DLC directly

③ **Bluetooth Indicator** - Lights solid blue when the Anyscan is connected to the

mobile device through Bluetooth

④ **Power Indicator** - Lights solid red when the Anyscan is properly connected to the vehicle/power supply

⑤ **Vehicle Indicator** - Lights flash green when the Anyscan is communicating with the vehicle

⑥ **Light Bulb** - Press either button on both sides of Anyscan to light up the light bulb installed in the 16-pin connector

1.2 MAIN MENU

Every time you start the app, you will automatically enter the main screen shown below. A detailed description of the menu structure can be found in the next section *Function Buttons*.



Figure 1-2 Sample of the main menu screen

1.3 FUNCTION BUTTONS

The following table briefly describes each function button which can be found in the main menu.

Icon	Description
	Auto Scan for vehicle
	Enter vehicle diagnosis menu
	Includes various special functions for vehicles
	Check the diagnosis report that recorded on your device, prints it as PDF files, or share it with other devices
	Update the diagnosis software through the Internet
	Select the language and unit shown in the app, and check the Bluetooth status, device info, and workshop info

Table 1-1 Description of function button

1.4 TECHNICAL SPECIFICATIONS

Item	Description
Display	1 inch
CPU	STM32
Interface	OBD interface
Bluetooth	3.0 / 4.0 compatible, + EDR dual mode
Memory	512KB
LED lights	Bluetooth indicator, power indicator, vehicle diagnostic light, light indicator
Dimensions	87.00 * 50.00 * 25.00 mm (3.43 * 1.97 * 0.98 inches)
Lighting Power Supply	100mAh

Table 1-2 Specifications

1.5 WIRELESS COMMUNICATION

Anyscan uses Bluetooth communication. It can transmit vehicle data to your Android or IOS device without a physical connection. The working range for Bluetooth is around 10 m (32.81 ft.). Signal lost due to moving out of the range will automatically be restored once the device is brought within transmission range to the Anyscan connector.

1.6 POWER SOURCE

Anyscan operates on 12-volts vehicle power which it receives through the vehicle data connection port. And the real-time operating voltage is shown on the display. The unit powers on whenever it is connected to an OBDII compliant data link connector (DLC).

2 GETTING START

2.1 DOWNLOAD & INSTALL APP

Search for **Anyscan** Download in the Google Play or App Store to download and install the app to your device.

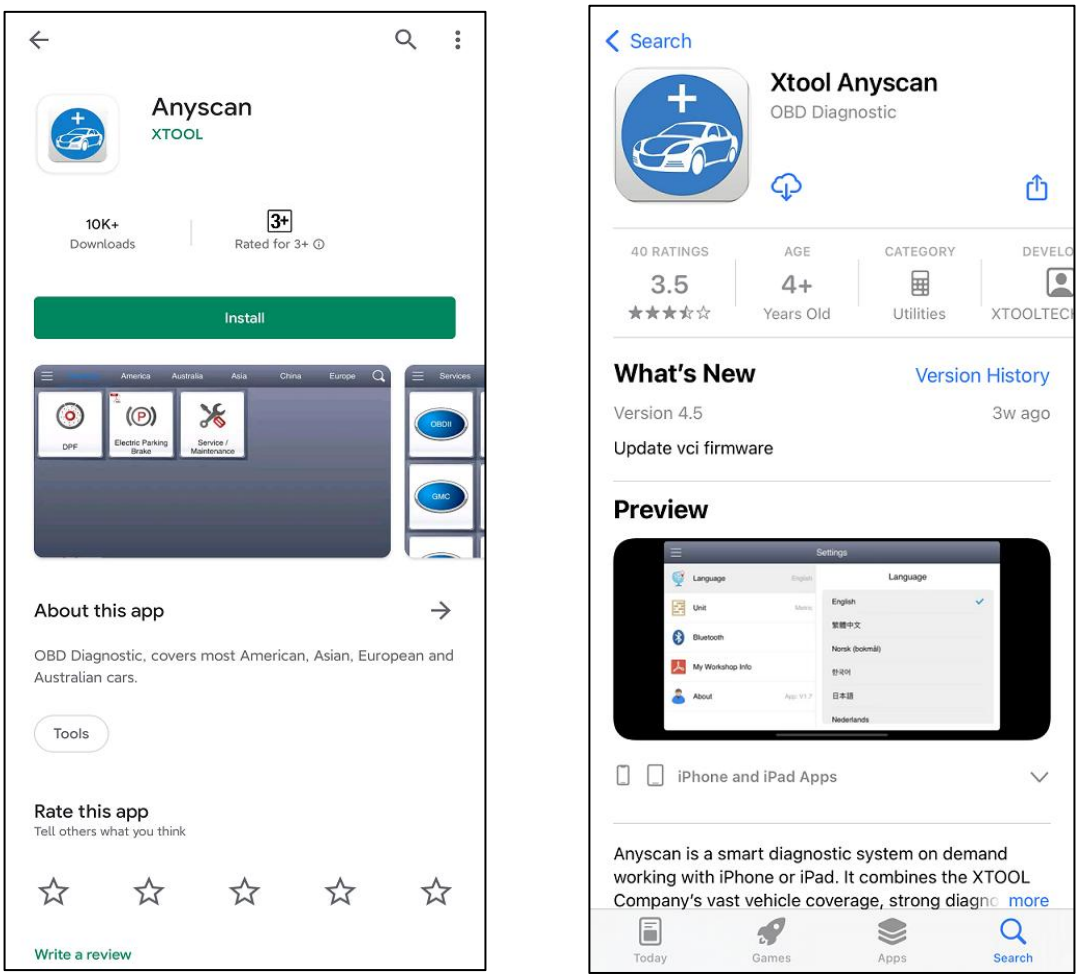


Figure 2-1 Sample of APP downloading screens

OR scan the applicable QR codes shown below to download the **Anyscan**. You will be directed to the corresponding downloading page like *figure 2-1*.

Anyscan - Google Play

Anyscan - App Store

2.2 REGISTRATION & ACTIVATION

Enter the serial number, activation code, username, Email address, and password into the corresponding input box. And press the **Activation** button to activate the app.

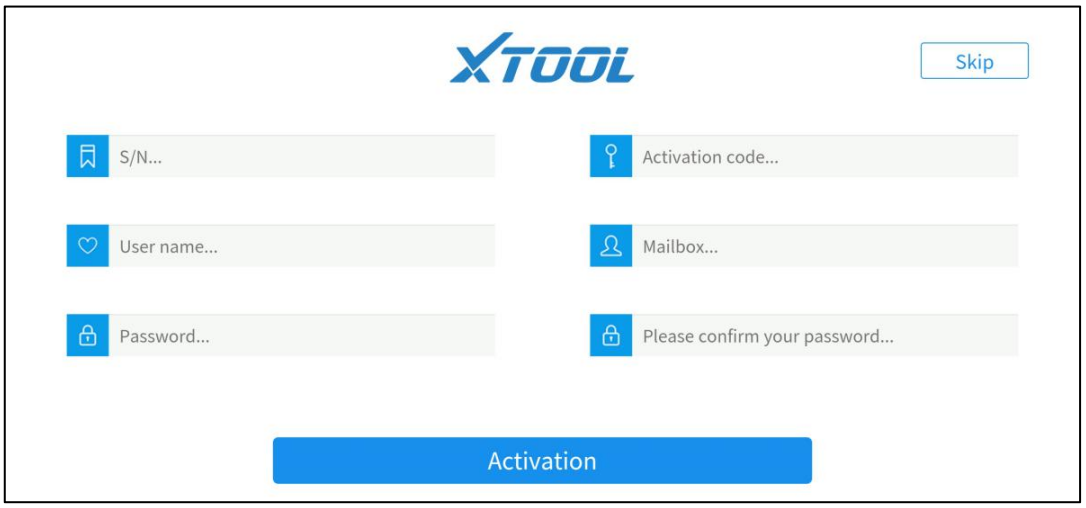


Figure 2-2 Sample of activation screen



Figure 2-3 Sample of Certificate of Quality

Serial number - Can be found in the Certificate of Quality, back of the device, and the outer packaging

Activation code - Can be found in the Certificate of Quality

ⓘEach account can be logged in with more than one mobile device, however, the Anyscan can only connect to one mobile device at one time.

2.3 DOWNLOAD & UPDATE SOFTWARE

Click the **Updates** button to enter the updates interface.



Figure 2-4 Sample of the main menu screen

All the available software is shown on this page. You can choose to download the specific software individually by pressing the **arrow** button next to the required software or choose to upgrade all available software at once by pressing **Updates All**.

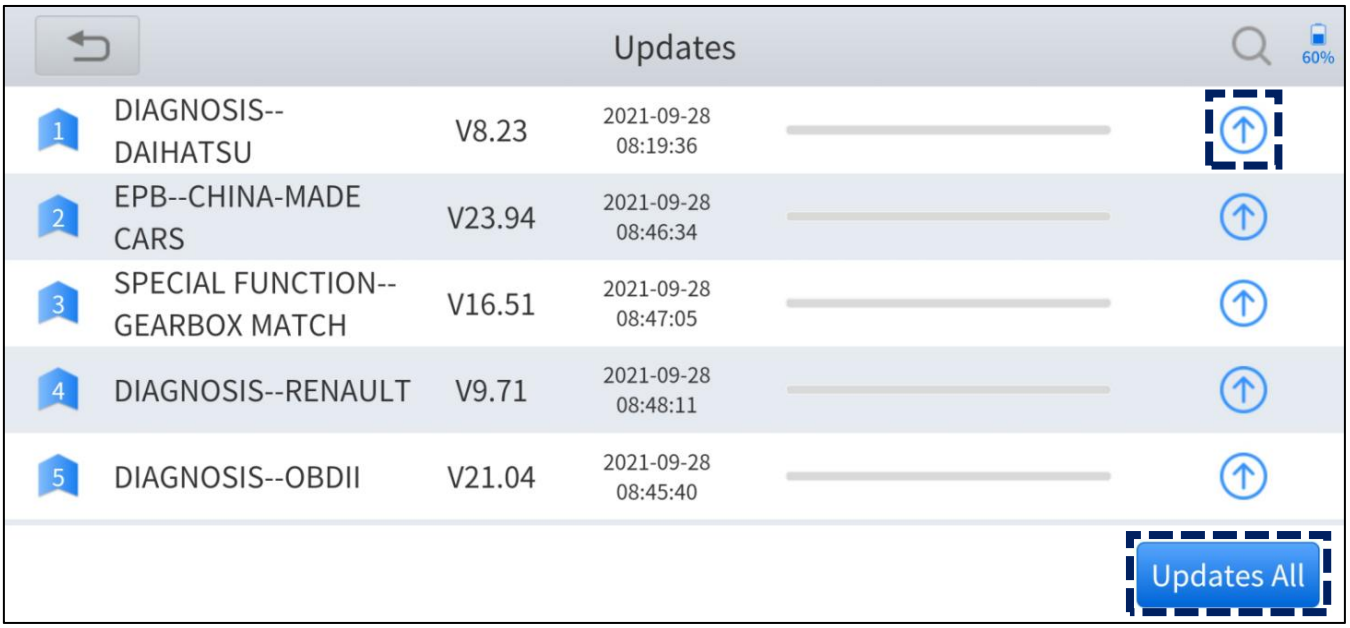


Figure 2-5 Sample of updates interface

2.4 VEHICLE CONNECTION

Insert the Anyscan to the **OBD port** on the testing vehicle, diagram below shows the common locations where the OBD port at. The flashlight equipped may help to locate the OBD port. **Red solid light** will be shown on the power indicator if the device is properly connected.

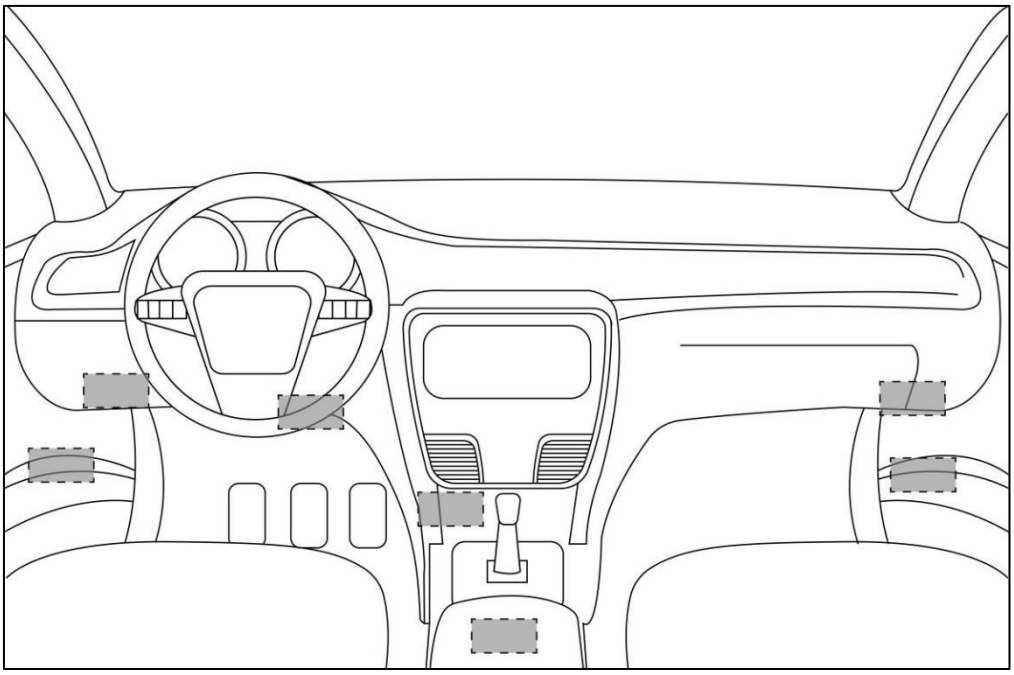


Figure 2-6 locations of OBD port

2.5 BLUETOOTH CONNECTION

Open the Bluetooth setting in Anyscan app, the device will be discovered as the 'serial number' of the Anyscan. Once the Anyscan is paired to any of the mobile devices, it will be remembered by that device and automatically connected to it when next time the Anyscan is connected to the vehicle/power supply. Blue solid light will show on the Bluetooth indicator after the Bluetooth is successfully connected.

ⓘ You are only able to connect the Bluetooth after connecting the Anyscan to the vehicle/power supply.
ⓘ For Android users, you may need to pair the Anyscan device in the system setting of your phone before you can connect the device within the app.

2.6 VCI STATUS

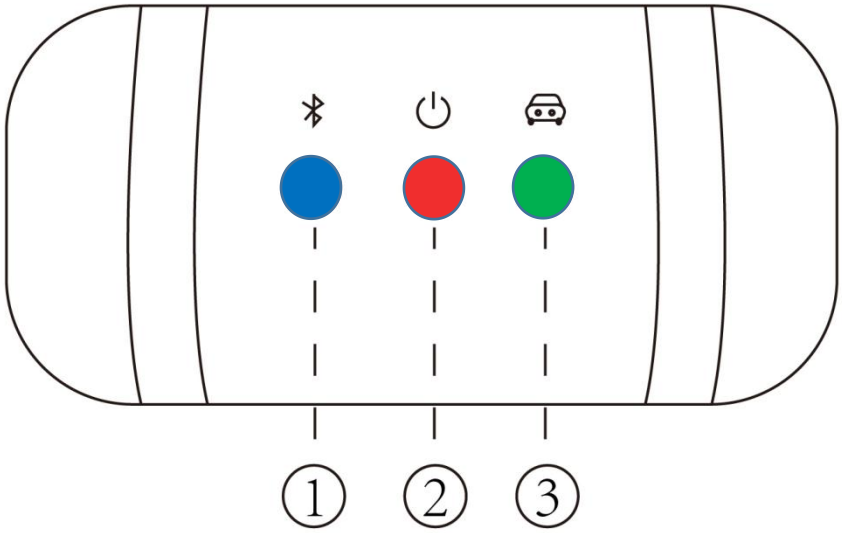


Figure 2-7 LED indicators

From left to right, the LED displays blue, red, and green light respectively, and each of the LEDs indicate different operating status.

① **Bluetooth Indicator** - Lights solid blue when the Anyscan is connected to the mobile device through Bluetooth

② **Power Indicator** - Lights solid red when the Anyscan is properly connected to the vehicle/power supply

③ **Vehicle Indicator** - Lights flash green when the Anyscan is communicating with the vehicle

ⓘ The vehicle indicator will only light green when the Anyscan is sending or receiving commands to or from the vehicle. It will not light green throughout the diagnosis process.

2.7 DELETE SOFTWARE

Long-press the unwanted software until it has been selected, then click the **Delete** button shown on the upper part of the screen. And you can select and delete multiple software at once.

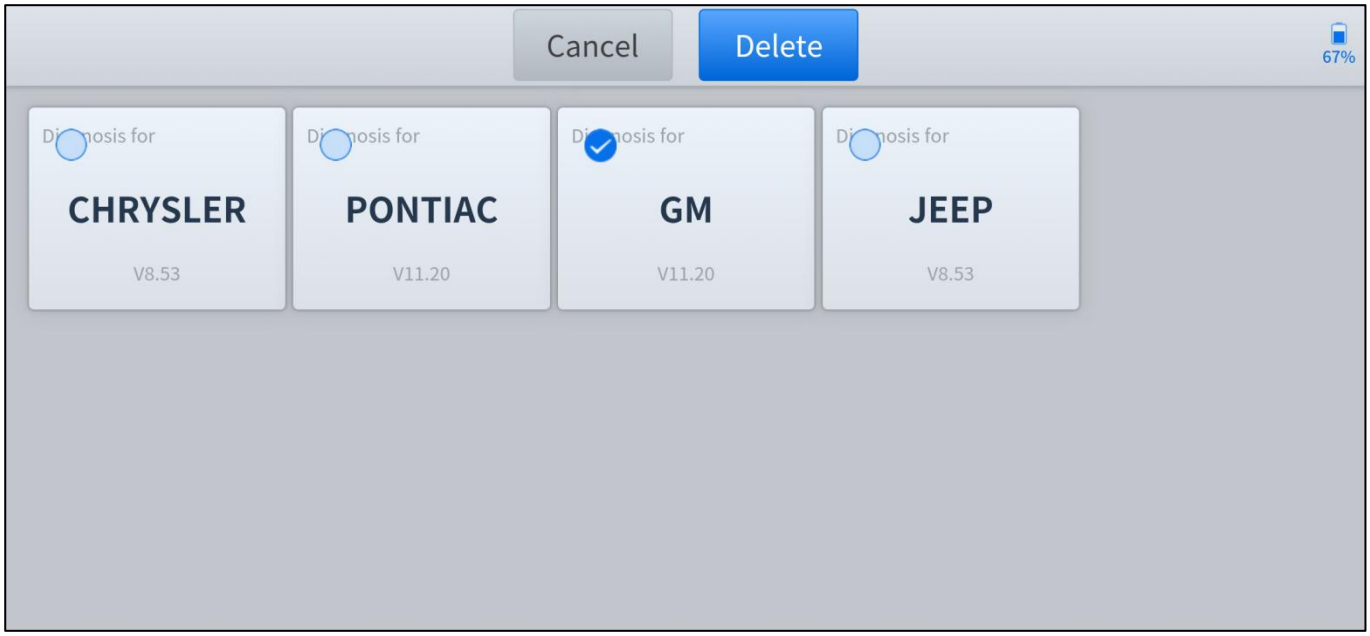


Figure 2-8 Sample of software deleting screen

3 DIAGNOSIS

The diagnosis function can read ECU information, read and clear DTC and display live data and freeze frame. The diagnosis function can also access the electronic control unit (ECU) of all available vehicle control systems, including the engine, transmission, anti-lock braking system (ABS), airbag system (SRS), body control module (BCM), battery management system (BMS), tire pressure monitoring system (TPMS), steering and suspension system (SAS) and perform various actuation tests.

ⓘDiagnosis can only be performed when the Anyscan is connected to a mobile device through Bluetooth successfully and the Bluetooth indicator lights solid blue.

3.1 AUTO SCAN

Click the **AUTO SCAN** button, and the models and information will be scanned. You have to select the corresponding options and confirm the vehicle information scanned.



Figure 3-1 Sample of the main menu screen

You can choose to enter the **Auto Diagnosis** menu to get a quick scan of all systems, the scanning process lasts around 2 to 3 minutes. OR you can enter the **System Diagnosis** to test for specific modules or functions.

ⓘ After clicking the AUTO SCAN, if the required software is not installed, you will be directed to the updates page of that software.
ⓘ Automatic Detection does not work on all cars. If 'Automatic Detection' fails, it does not necessarily mean that your vehicle or the function is not supported, please navigate manually and try again.

3.2 DIAGNOSIS

Click the **Diagnosis** button on the main screen and get into the diagnosis menu. All the brands will be shown on the screen, you can select the region of your vehicle, click the correct brand, and start the diagnosis process.

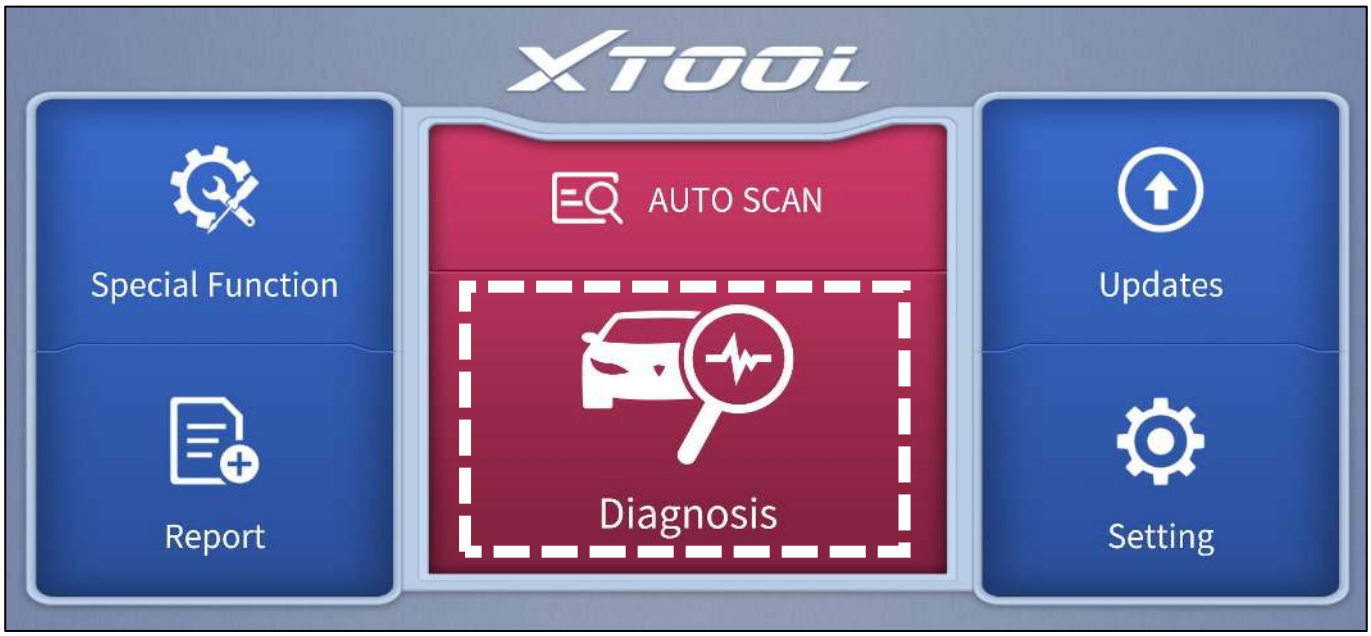


Figure 3-2 Sample of the main menu screen

For some of the vehicle brands (like Volkswagen), when you click on the software, there are several ways to select the model or system you want to run a diagnosis, including **Automatic Detection**, **Manual Selection,** and **System Selection**.

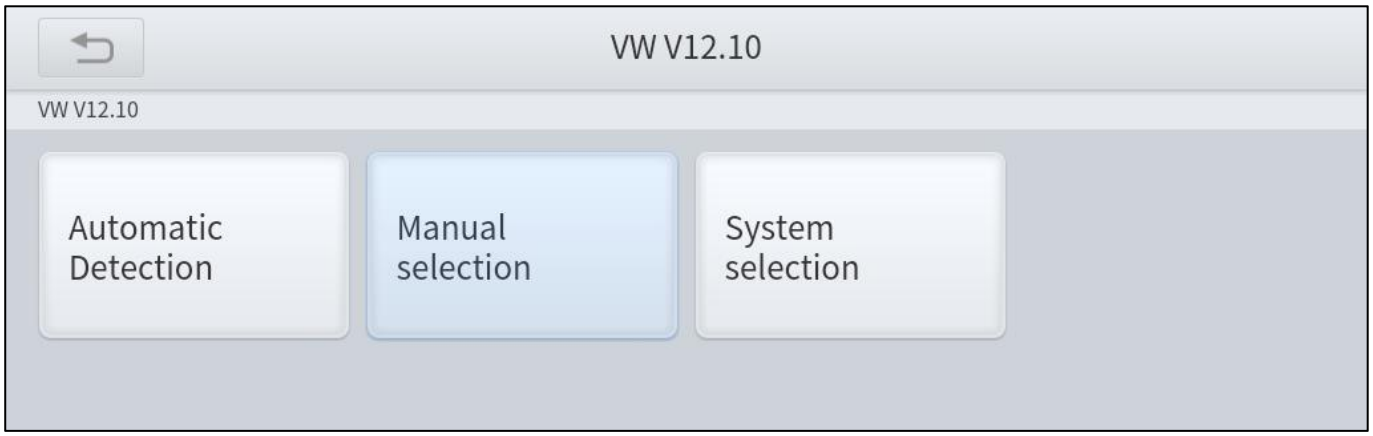


Figure 3-3 Sample of VW menu screen

Automatic Detection will automatically identify the vehicle's VIN code, and then read the information of your target diagnostic vehicle. (Same function as AUTO SCAN on the main menu) If you choose **Manual Selection**, then you can continue to select the vehicle brand, year, and model of the vehicle in the sub-menu to diagnosis the vehicle. Enter **System Selection**, you can also diagnosis the vehicle according to the system or your needs after selecting the models.

ⓘ OBDII menu supports reading the common fault codes in the PCM. The DTCs may not be the same when compared with using common diagnosis software.
ⓘ DEMO is a demonstration program. You can perform basic diagnosis functions without connecting to the car.
ⓘ DEMO is only for demonstration purposes, the functions and interface are not necessarily the same as the actual version of the software/App. Please activate and update your device to use the latest version of software.

3.3 DIAGNOSIS FUNCTIONS

The Diagnosis System supports 5 basic diagnosis functions:

- **Read ECU Information**
- **Read & Clear Trouble Code**
- **Live Data**
- **Actuation Test (Bi-Directional Control)**
- **Freeze Frame**



Figure 3-4 Five diagnosis functions

Read ECU Information

This function is to read ECU version information, which is the equivalent of **System Identification** or **System Information** in some electronic control systems, which means to read ECU-related software and hardware versions, models, and production date of the diesel engine, part number, etc.

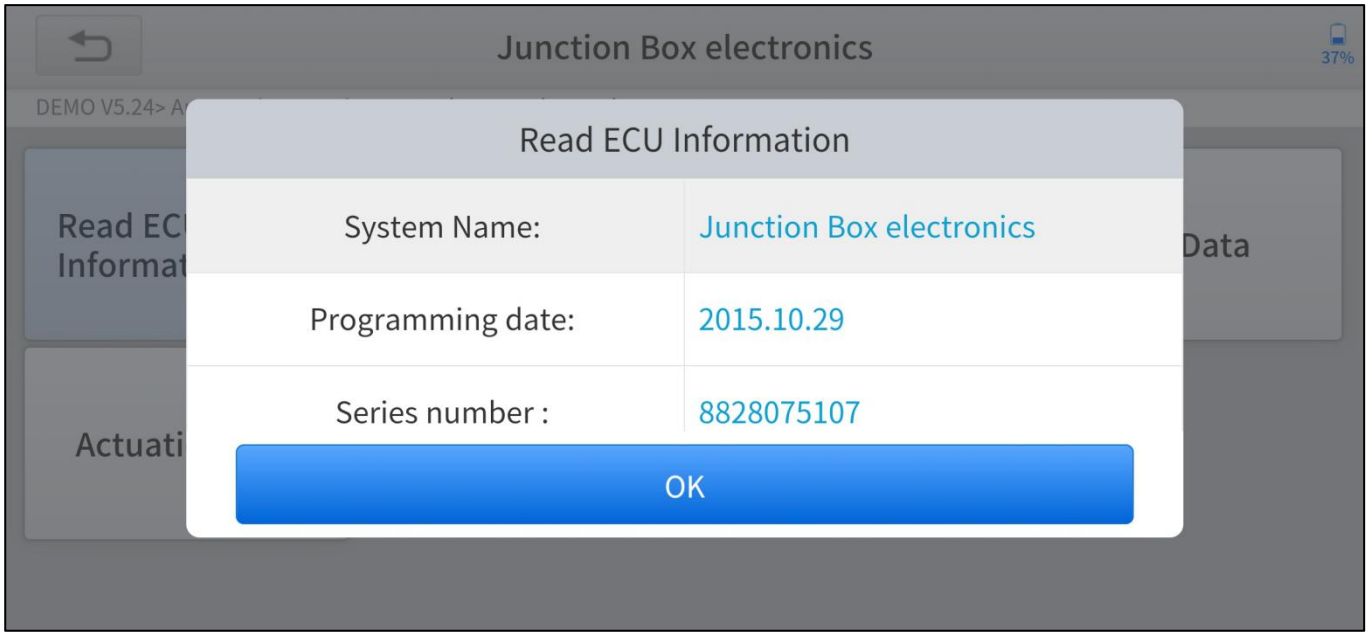


Figure 3-5 Sample of read ECU information screen

Read Trouble Code

Read trouble codes (DTCs) that are stored in ECU. For the trouble code, the diagnostic instrument will give specific detailed definitions and explanations to help you locate and eliminate the car fault.

- **Stored Code**

  Stored codes are the current emission-related DTCs from the ECM of the vehicle. OBDII Codes have a priority according to their emission severity, with higher priority codes overwriting lower priority codes. The priority of the code determines the illumination of the MIL and the codes erase procedure. Manufacturers rank codes differently, so expect to see differences between makes.

- **Pending Code**

  These are codes whose setting conditions were met during the last drive cycle, but need to be met two or more consecutive drive cycles before the DTC

actually sets. The intended use of this service is to assist the service technician after a vehicle repair and after clearing diagnostic information, by reporting test results after a driving cycle.

a. If a test failed during the driving cycle, the DTC associated with that test is reported. If the pending fault codes do not occur again within 40 to 80 warm-up cycles, the fault is automatically cleared from memory.

b. Test results reported by this service do not necessarily indicate a faulty component or system. If test results indicate another failure after additional driving, then a DTC is set to indicate a faulty component or system, and the MIL is illuminated.

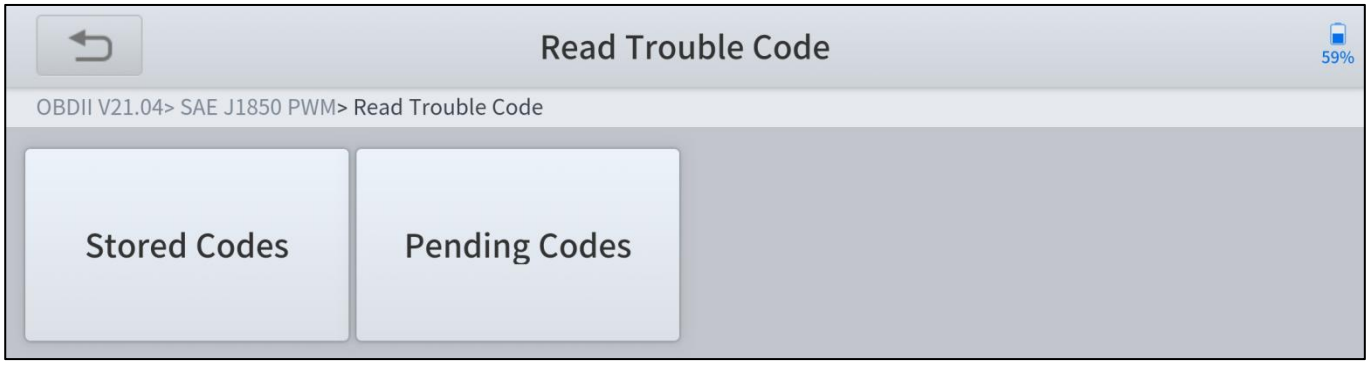


Figure 3-6 Sample of read trouble code screen

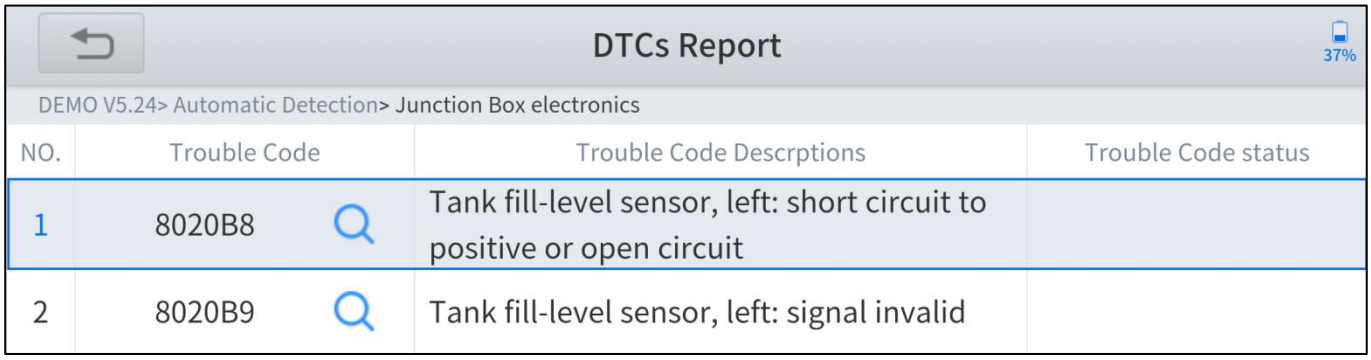


Figure 3-7 Sample of DTCs Report

ⓘ In the process of diagnosis, if the device shows "System is OK" or "No Trouble Code", it means there is no related trouble code stored in ECU. OR some troubles are not under the control of ECU, most of these troubles are mechanical system troubles or executive circuit troubles, it is also possible that the signal of the sensor may bias within limits, which can be determined by Live Data.

Clear Trouble Code

It allows clearing current and historical trouble codes (DTCs) memory in ECU, under the premise that all the troubles are eliminated. There are two types of trouble codes, one is permanent trouble code and the other is non-permanent trouble code. The former requires manual troubleshooting of the car before it can be cleared with a diagnostic tool. Non-permanent trouble codes can be cleared directly with the diagnostic tool.

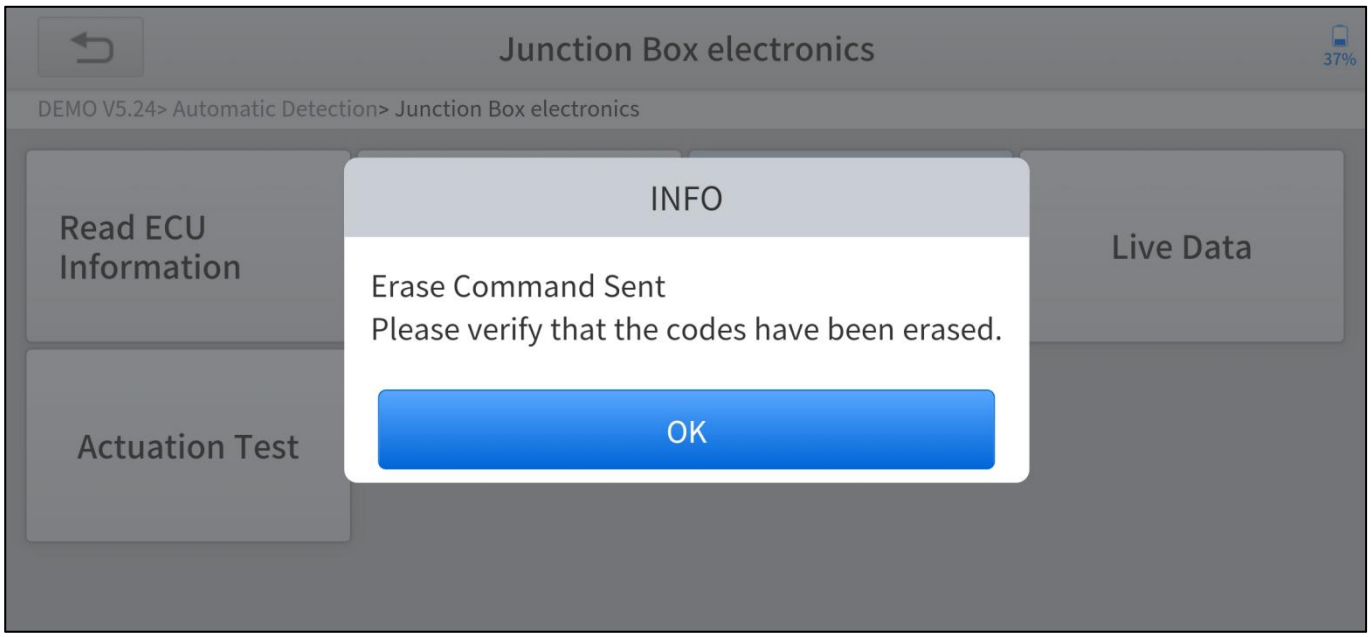


Figure 3-8 Sample of clear trouble code screen

ⓘ The trouble codes cannot be cleared without eliminating all the troubles, the diagnostic tool can always read those codes as those codes are saved in ECU.

Live Data

This function displays the real-time parameters of the ECU, take the engine as an example, parameters such as engine oil temperature, engine speed, ambient pressure, coolant temperature, etc. can be read. The Scope of maintenance can be narrowed down as we can determine the faulty component based on these parameters. And the data can be displayed in various modes.

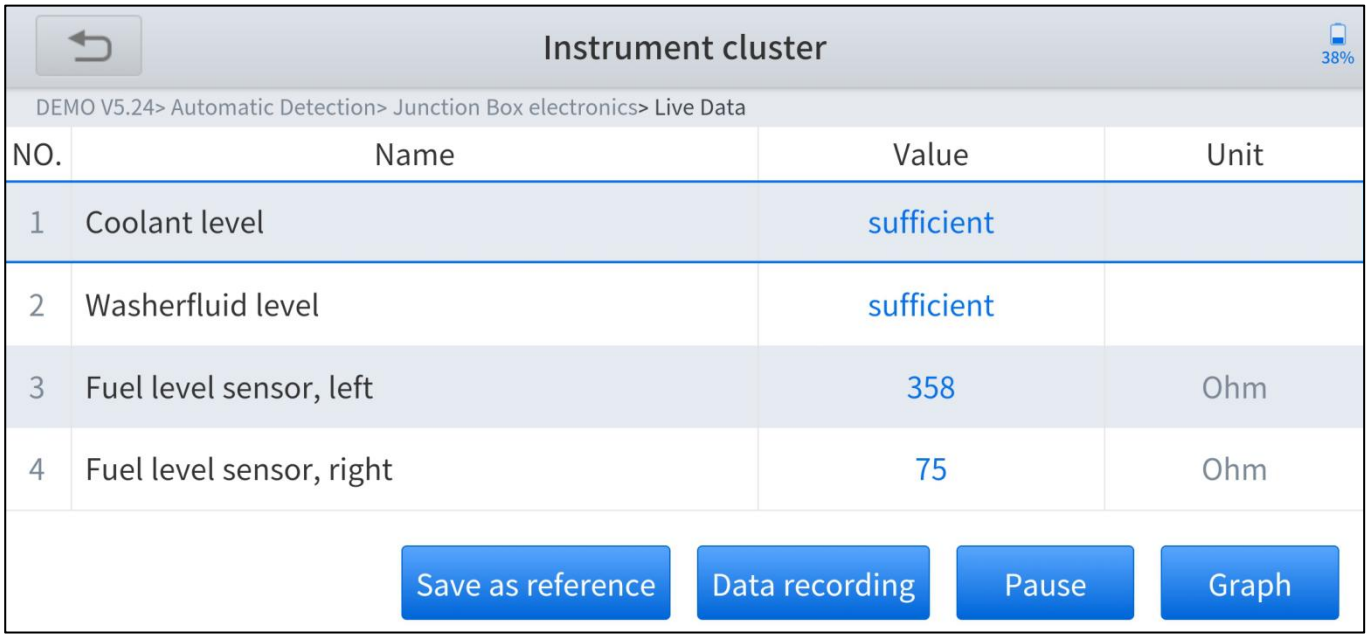


Figure 3-9 Sample of live data screen (table)

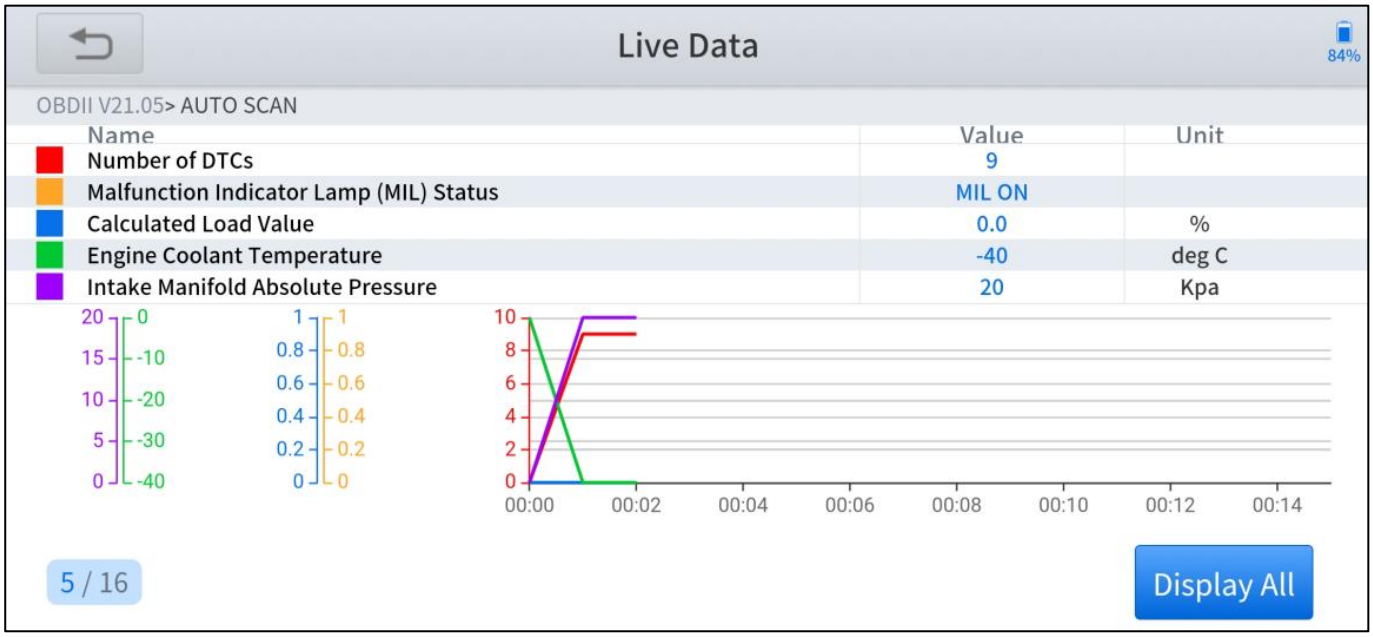


Figure 3-10 Sample of live data screen (graph)

Read Freeze Frame

In most cases, the stored frame is the last DTC that occurred. Certain DTCs, which have a greater impact on vehicle emission, have a higher priority. In these cases, the freeze frame will record the top prioritized DTC. Freeze frame provides a snapshot of critical parameters at the moment DTC is set.

This function is not supported by all models, and the option of freeze frame is not available in these cases. Also, data recorded varies across brands and models.

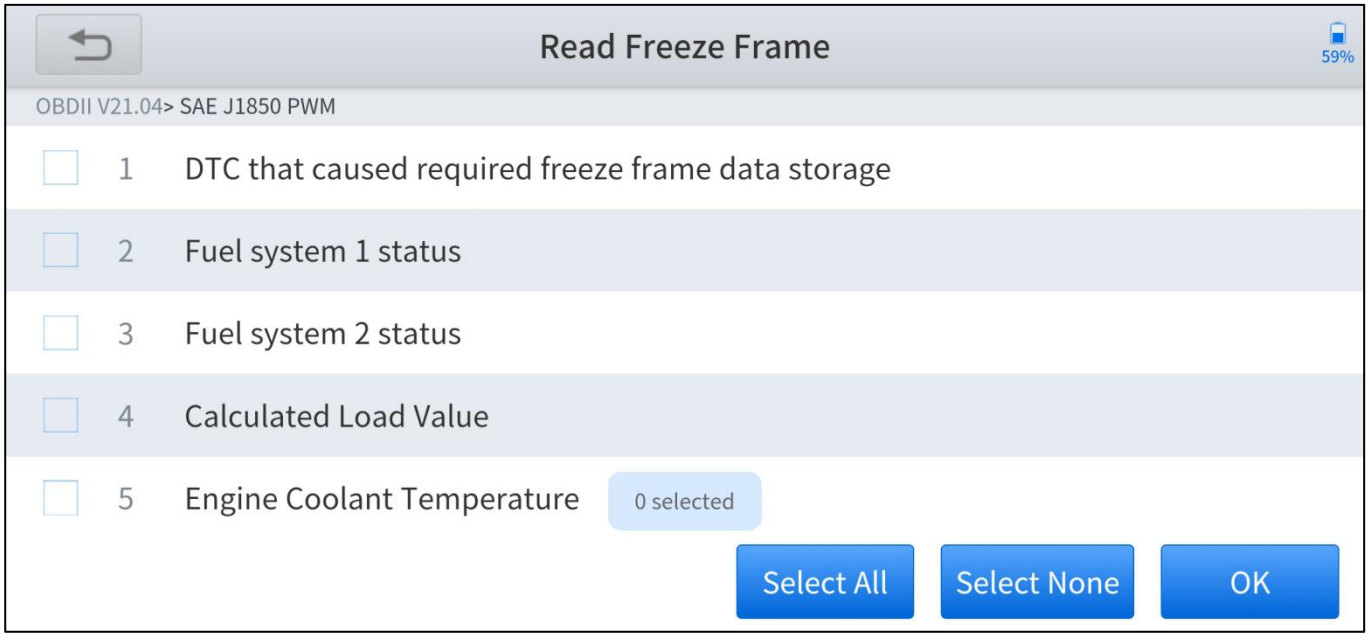


Figure 3-11 Sample of freeze frame screen

Actuation Test

Actuation test, also known as bidirectional control, is a generic term used to describe sending and receiving information between one device and another. The scan tool can request information or command a module to perform specific tests or functions. Some manufacturers refer to the bidirectional controls as function tests, actuation tests, inspection tests, system tests. Reinitialization and reprogramming would also be included in the list of bidirectional controls. Most enhanced scan tools also can actuate relays, injectors, and coils, perform system

tests, etc. Users could check the individual part to see which part is working properly by actuation test.

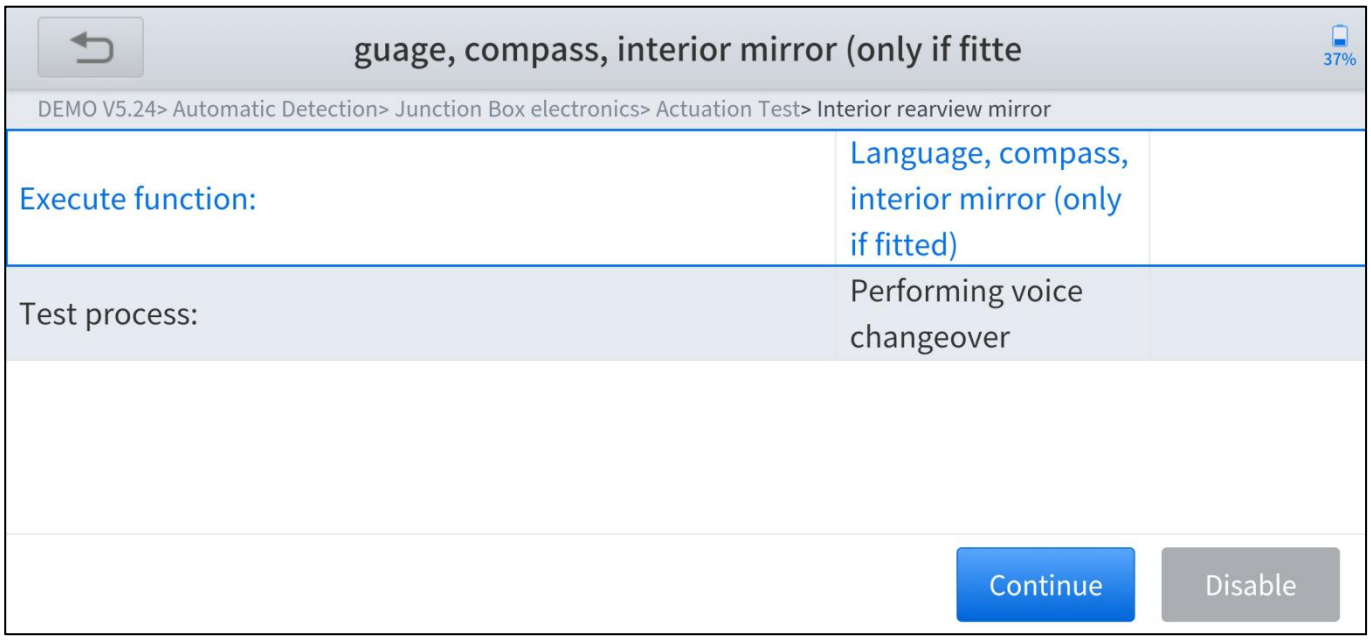


Figure 3-12 Sample of actuation test screen

4 OBD II

You can perform the OBDII diagnosis by clicking the OBDII button after entering the diagnosis menu.



Figure 4-1 Sample of diagnosis menu screen

The OBDII (On-board diagnostics) refers to the vehicle's self-diagnostic and reporting ability. When the malfunction of any sub-systems is detected, relevant MIL is illuminated and notice the vehicle owner or repair technician the status of the vehicle. OBDII implements the standardized digital communications port and diagnostic trouble codes (DTCs) which allows scan tools to communicate with the PCM of the vehicle. And the Anyscan is able to access the OBDII diagnostic functions as follows:

- **Read & Clear Trouble Codes**
- **Live Data**
- **Read Freeze Frame**
- **Read ECU Information**
- **Component Test**

- **On-Board Monitor Test**
- **O2 Sensor Monitoring Test**
- **I/M Readiness**

Read Trouble Code

Read trouble codes (DTCs) that are stored in ECU. For the trouble code, the diagnostic tool will give specific detailed definitions and explanations to help you locate and eliminate the car fault.

- **Stored Code**

  Stored codes are the current emission-related DTCs from the ECM of the vehicle. OBDII Codes have a priority according to their emission severity, with higher priority codes overwriting lower priority codes. The priority of the code determines the illumination of the MIL and the codes erase procedure. Manufacturers rank codes differently, so expect to see differences between makes.

- **Pending Code**

  These are codes whose setting conditions were met during the last drive cycle, but need to be met two or more consecutive drive cycles before the DTC actually sets. The intended use of this service is to assist the service technician after a vehicle repair and after clearing diagnostic information, by reporting test results after a driving cycle.

  c. If a test failed during the driving cycle, the DTC associated with that test is reported. If the pending fault codes do not occur again within 40 to 80 warm-up cycles, the fault is automatically cleared from memory.

  d. Test results reported by this service do not necessarily indicate a faulty component or system. If test results indicate another failure after additional driving, then a DTC is set to indicate a faulty component or system, and the MIL is illuminated.

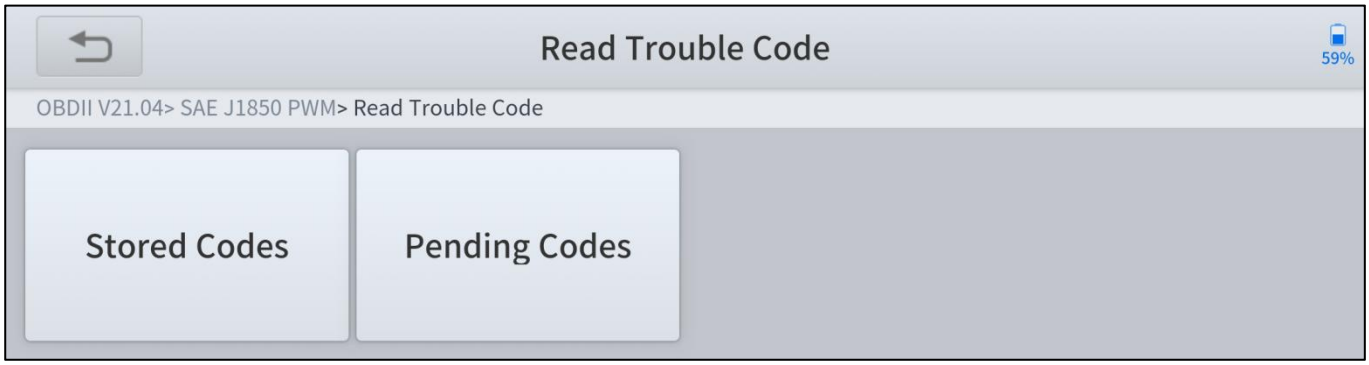


Figure 4-2 Sample of read trouble code screen

Clear Trouble Code

This option is used to clear all emission related diagnostic data such as DTCs, freeze frame data, and manufacturer specific enhanced data from the vehicle's PCM. A confirmation screen displays when the clear codes option is selected to prevent accidental loss of data. Select Yes on the confirmation screen to continue or No to exit.

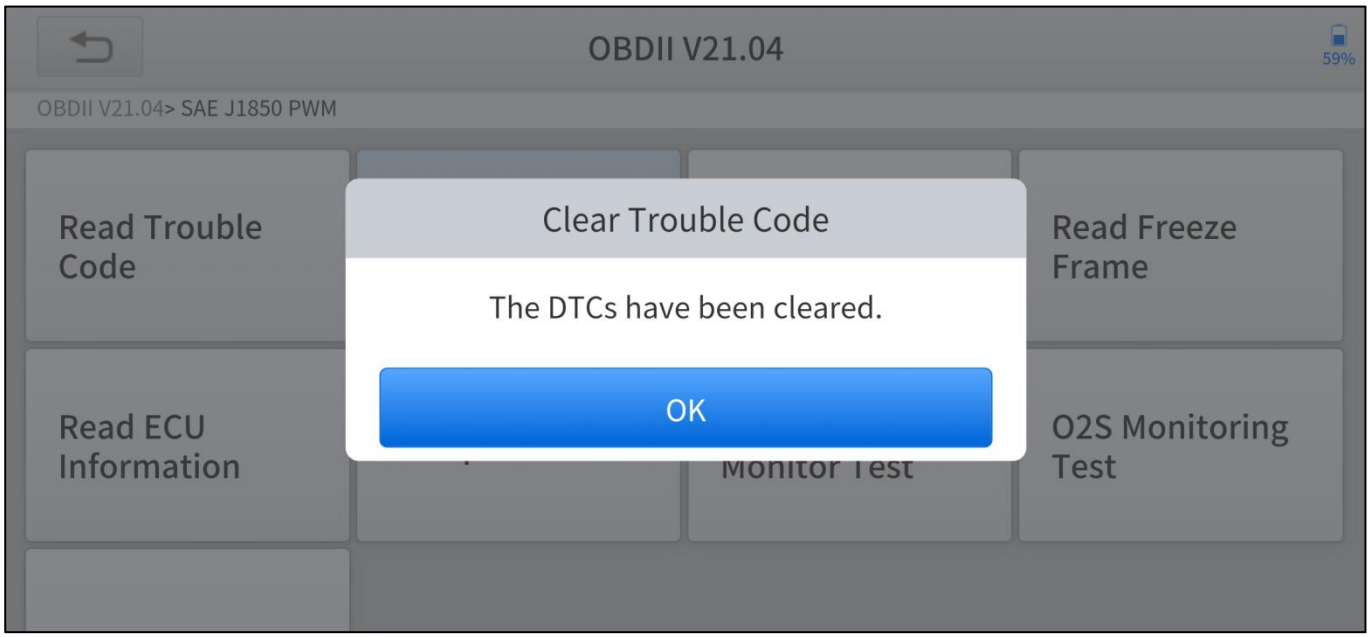


Figure 4-3 Sample of clear trouble code screen

Live Data

This function displays the real-time PID data from ECU. Displayed data includes analog inputs and outputs, digital inputs and outputs, and system status information broadcast on the vehicle data stream. Live data can be displayed in various modes.

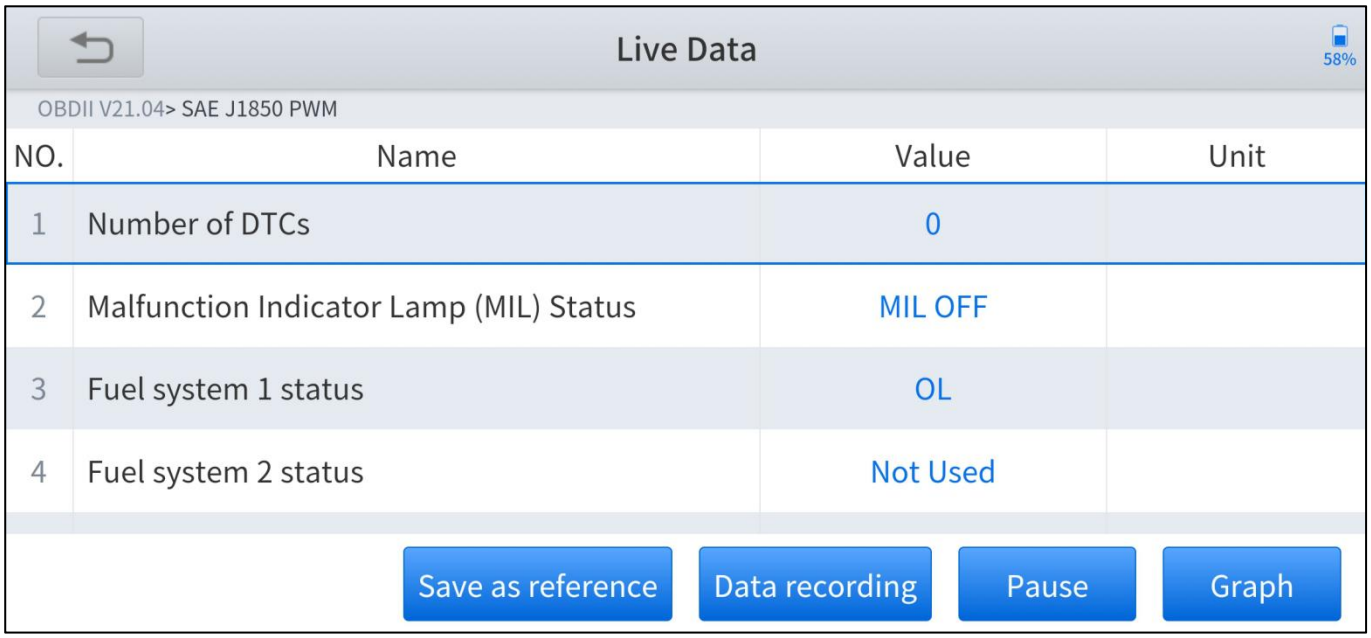


Figure 4-4 Sample of live data screen (table)

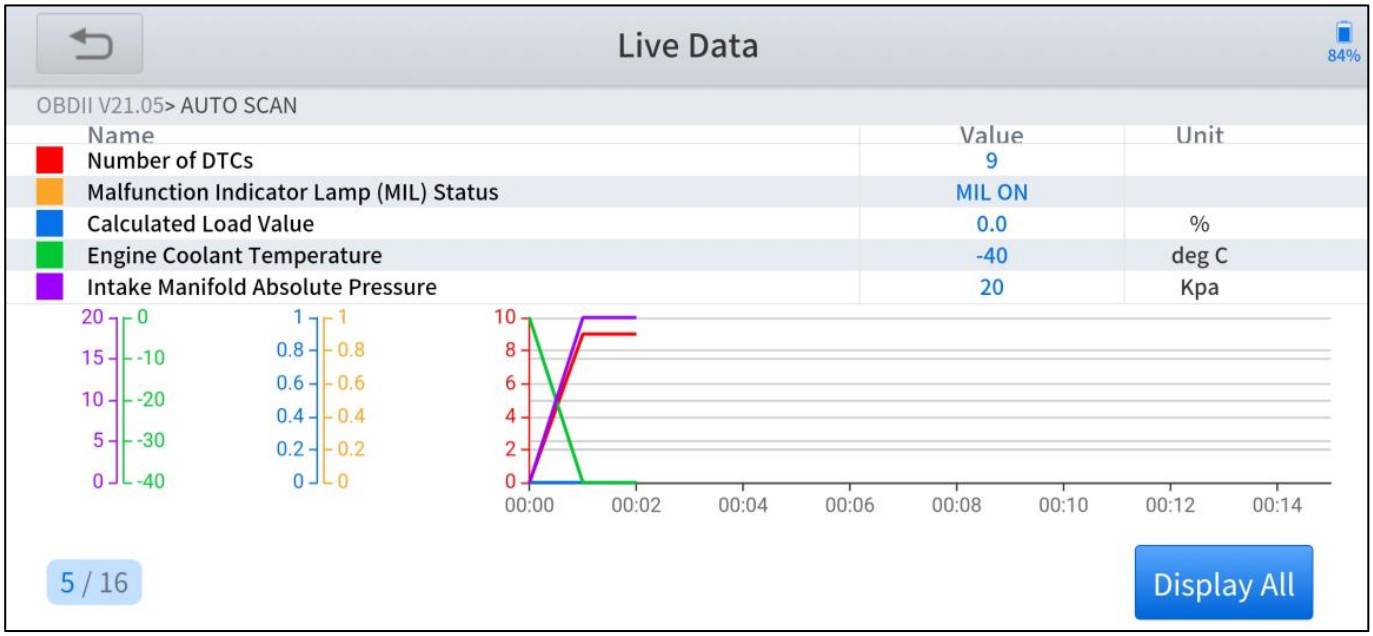


Figure 4-5 Sample of live data screen (graph)

Freeze Frame

In most cases, the stored frame is the last DTC that occurred. Certain DTCs, which have a greater impact on vehicle emission, have a higher priority. In these cases, the top prioritized DTC is the one for which the freeze frame records are retained. Freeze frame data includes a “snapshot” of critical parameter values at the time the DTC is set.

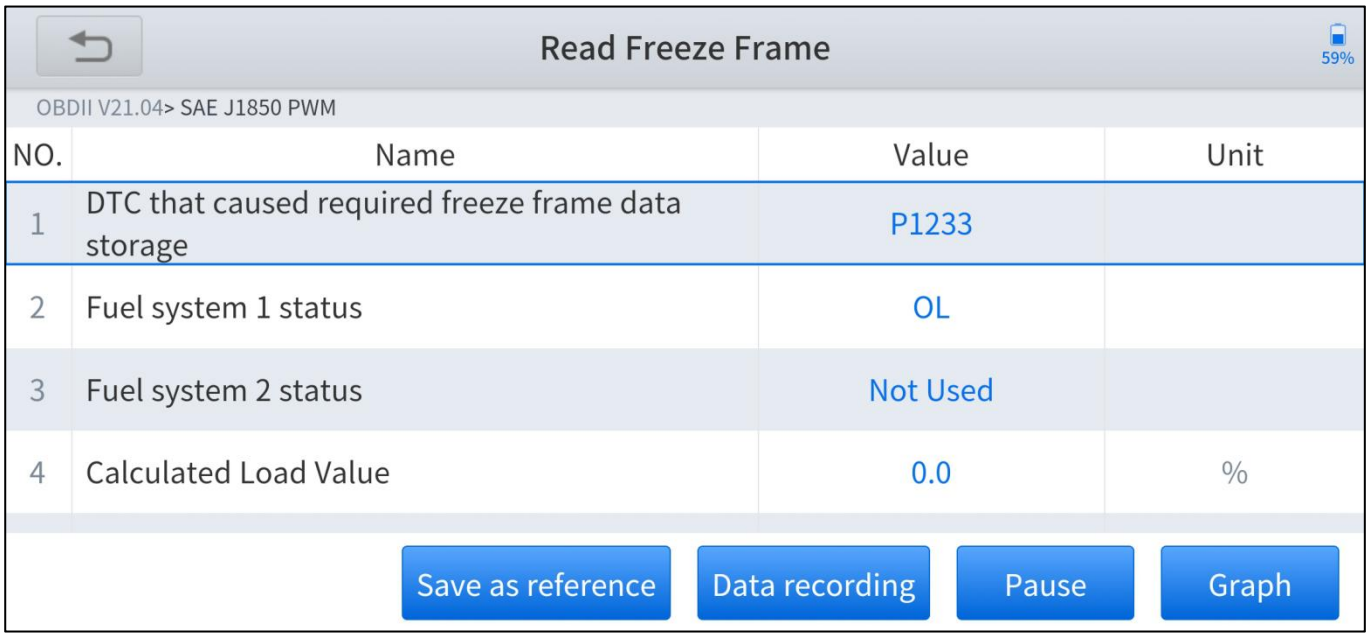


Figure 4-6 Sample of freeze frame screen

Read ECU Information

The option displays the vehicle identification number (VIN), the calibration identification, and the calibration verification number (CVN), and other information of the test vehicle.

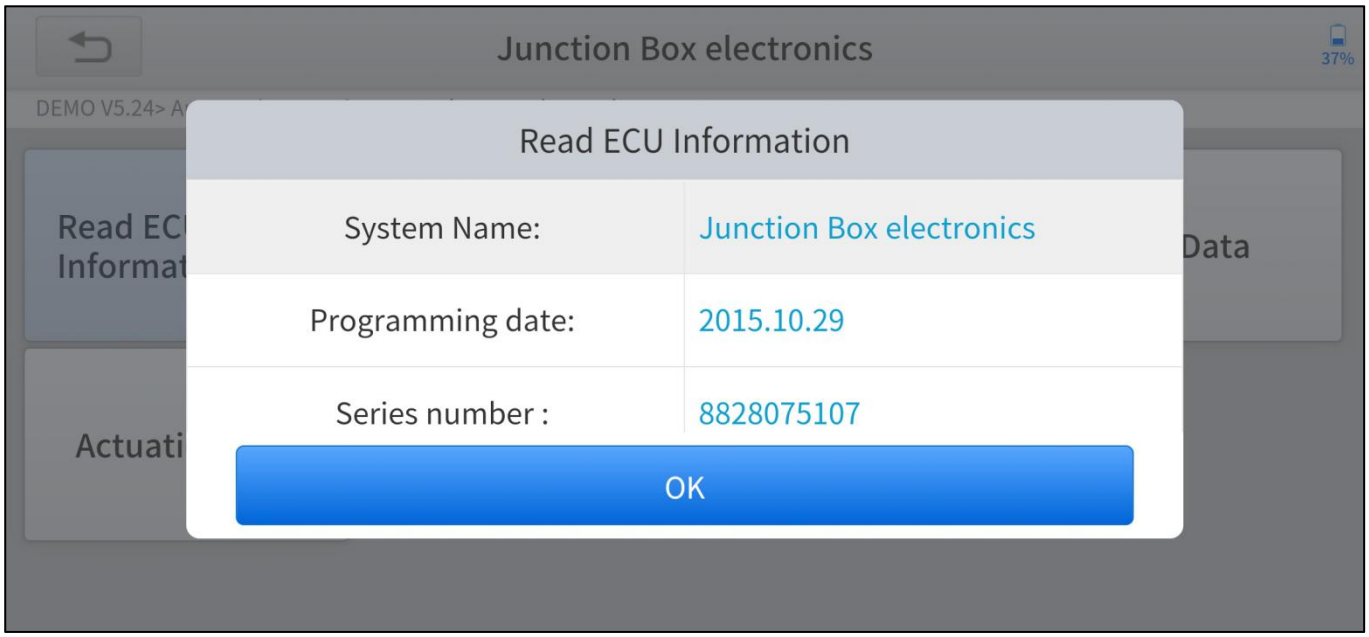


Figure 4-7 Sample of read ECU information screen

Component Test

This service enables bi-directional control of the ECM so that the diagnostic tool is able to transmit control commands to operate the vehicle systems. This function is useful in determining whether the ECM responds to command well.

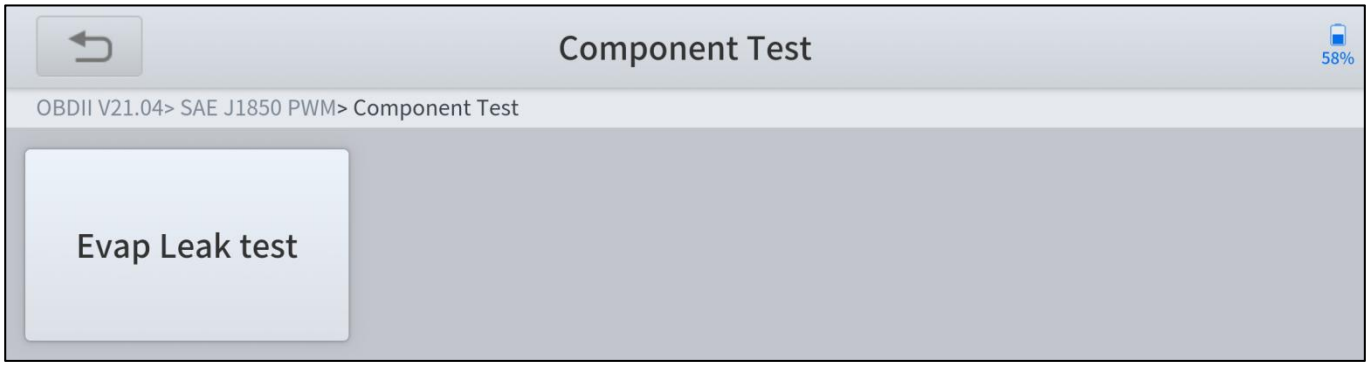


Figure 4-8 Sample of component test screen

On-Board Monitoring Test

This option allows you to view the results of On-Board Monitor tests. The tests are useful after servicing or after erasing a vehicle’s control module memory.

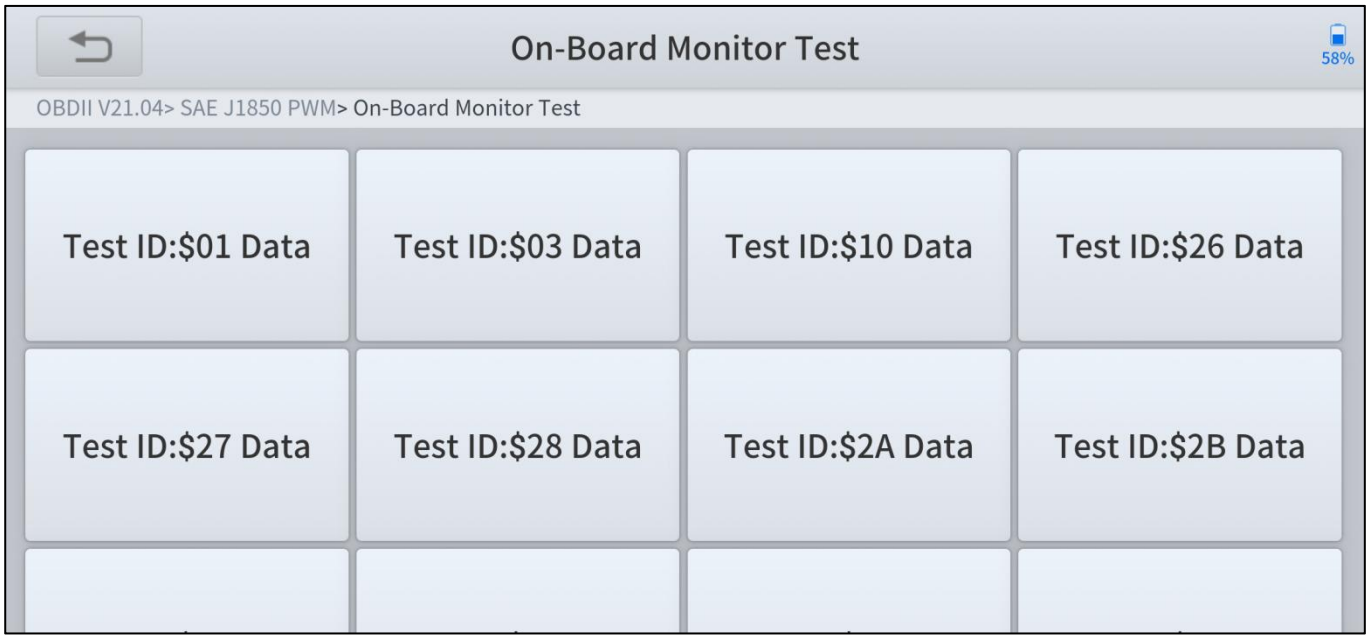


Figure 4-9 Sample of on-board monitor screen

O2 Sensor Monitoring Test

The oxygen sensor monitor allows the PCM to verify that the O2 sensors are properly calibrated and functioning without noticeable deterioration under normal engine operating conditions.

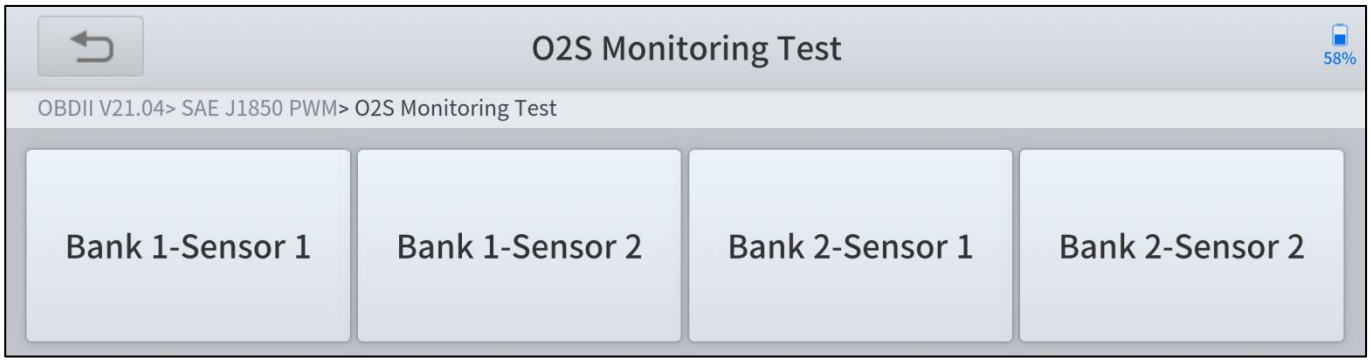


Figure 4-10 Sample of O2 Sensor monitoring test screen

I/M Readiness

This function is used to check the readiness of the monitoring system. It is an excellent function to use prior to having a vehicle inspected for compliance with a state emissions program. Selecting I/M Readiness opens a submenu with two choices:

- **Since DTCs Cleared** – displays the status of monitors since the last time the DTCs are erased.
- **This Driving Cycle** – displays the status of monitors since the beginning of the current drive cycle.

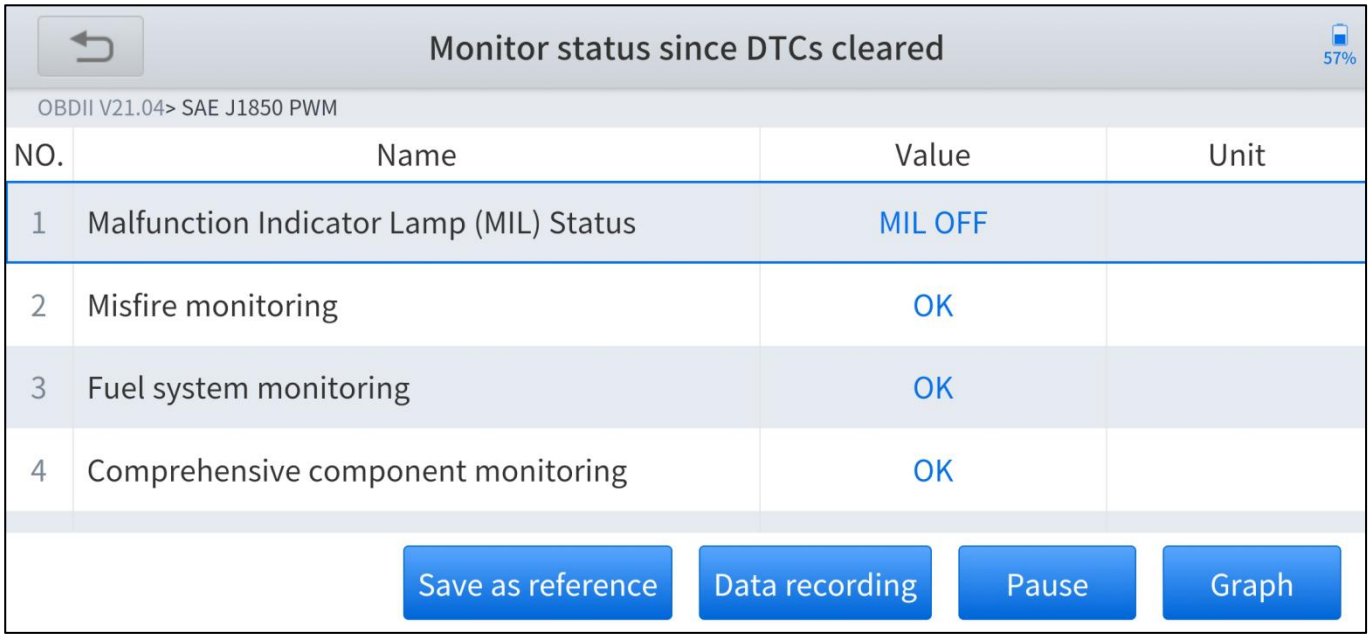


Figure 4-11 Sample of I/M readiness screen

5 SPECIAL FUNCTIONS

Special functions supported by Anyscan are various from models, table below shows all the special functions supported by A30, A30D, A30M respectively.

	Special Functions	A30	A30D	A30M
1	Oil Reset	✓	✓	✓
2	EPB	✓	✓	✓
3	SAS	✓	✓	✓
4	DPF	✓	✓	✓
5	Throttle	✓		✓
6	BMS Reset		✓	✓
7	TPMS Reset		✓	✓
8	ABS Bleeding		✓	✓
9	Injector Coding		✓	✓
10	Gearbox Match		✓	✓
11	Airbag Reset		✓	✓
12	Gear Learning		✓	✓
13	Suspension			✓
14	Windows Initialization			✓
15	Seat Match			✓
16	Headlight			✓
17	Instrument Cluster			✓
18	Transport Mode			✓
19	Tire Upgrade			✓
20	Power Balance			✓
21	Electronic Pump Activation			✓

Figure 5-1 Table of special functions

Special functions allow you to quickly access your vehicle system for various scheduled services, maintenance and reset performance, eliminating the need to reset after resolving common problems. This user manual lists some commonly used special reset services for your reference. The special function interface is shown as below:

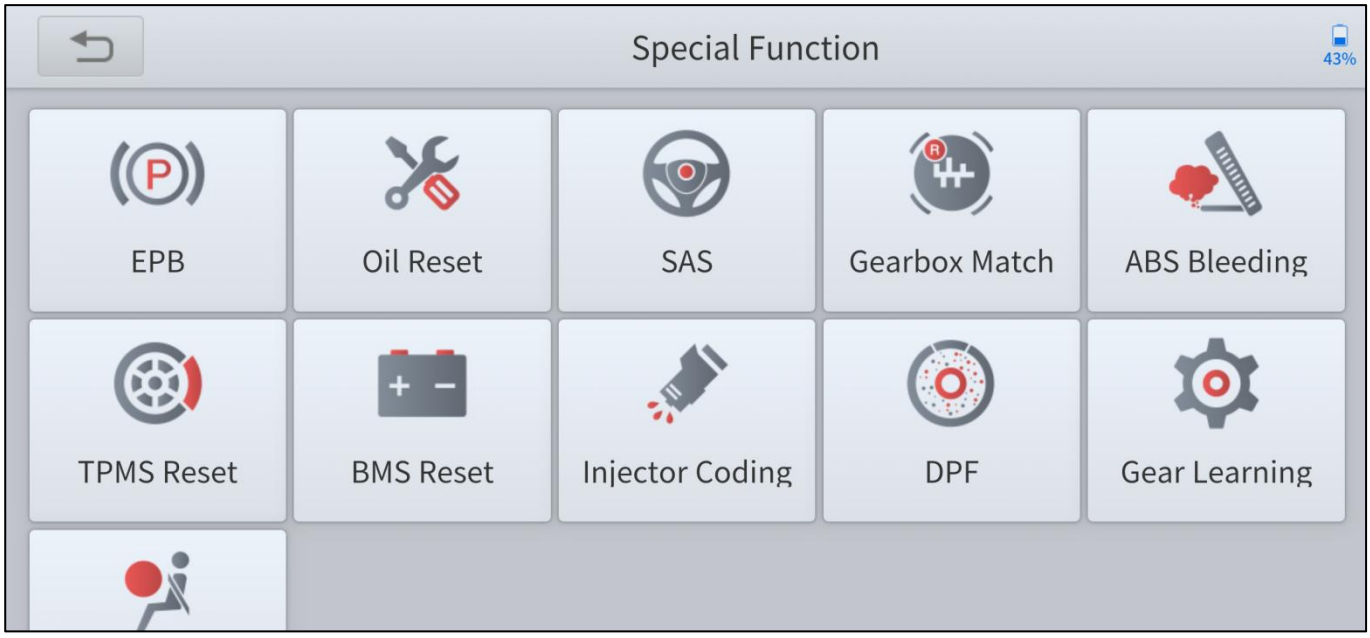


Figure 5-1 Sample of special function screen (A30D)

ⓘ All software screens shown in this manual are examples, actual test screens may vary for each vehicle being tested. Observe the menu titles and on-screen instructions to make correct option selections.

5.1 OIL RESET

Reset the Engine Oil Life System, which calculates the optimum oil life change interval based on the vehicle's driving conditions and climate. The oil life reminder must be reset each time the oil is changed so that the system can calculate when the next oil change is required.

This function can be performed in the following cases:

- If the service lamp is on, you must provide service for the car. After service, you need to reset the driving mileage or driving time so that the service lamp turns off and the system enables the new service cycle.
- After changing engine oil or electric appliances that monitor oil life, you need to reset the service lamp.

The operation guidelines of the Oil Reset function are shown as below:

1. Enter the **Oil Reset** menu and choose relevant models according to the vehicle being tested.
2. Follow the instructions displayed and press **OK** after completing the instructions shown.

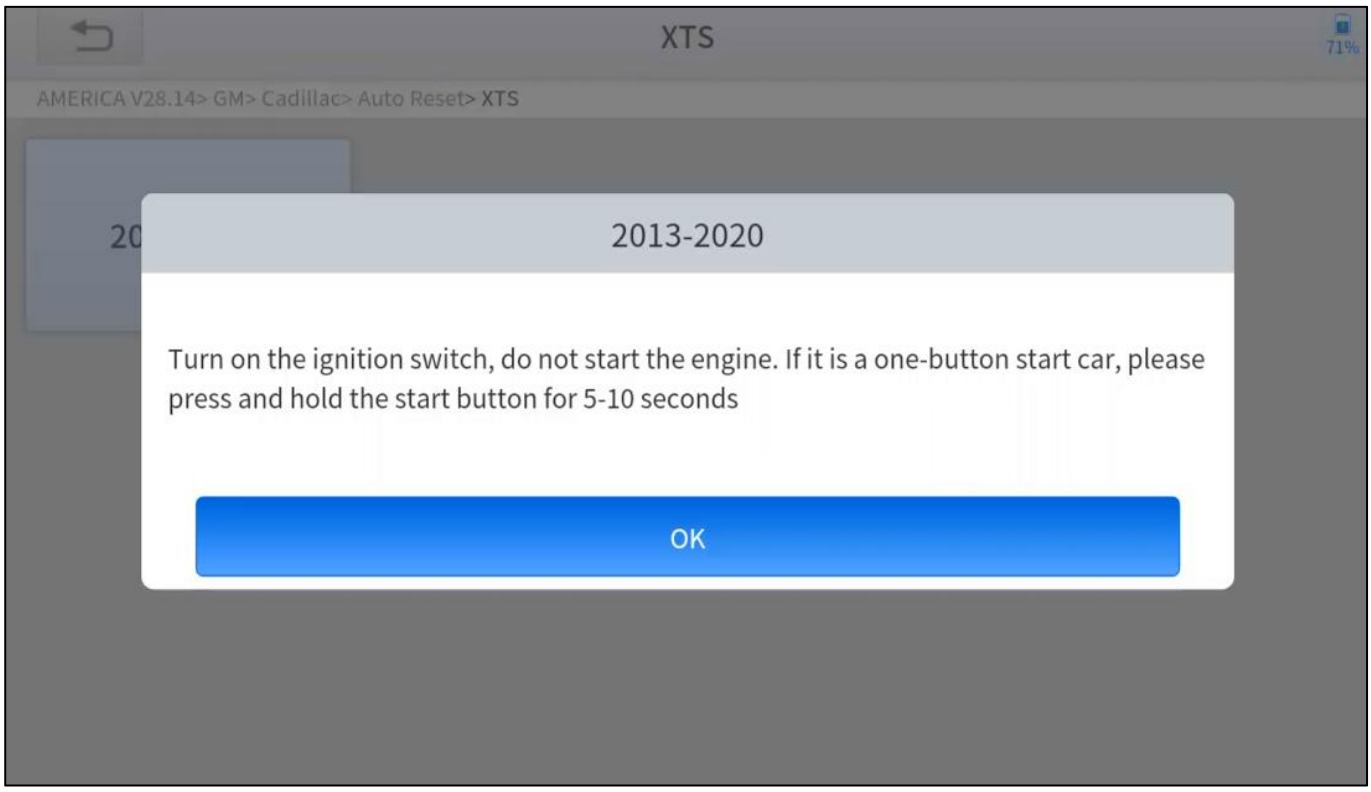


Figure 5-2 Sample of oil reset function (screen 1)

3. Enter **Maintenance mileage reset** menu.

4. Input reasonable value of mileage and press **OK**.

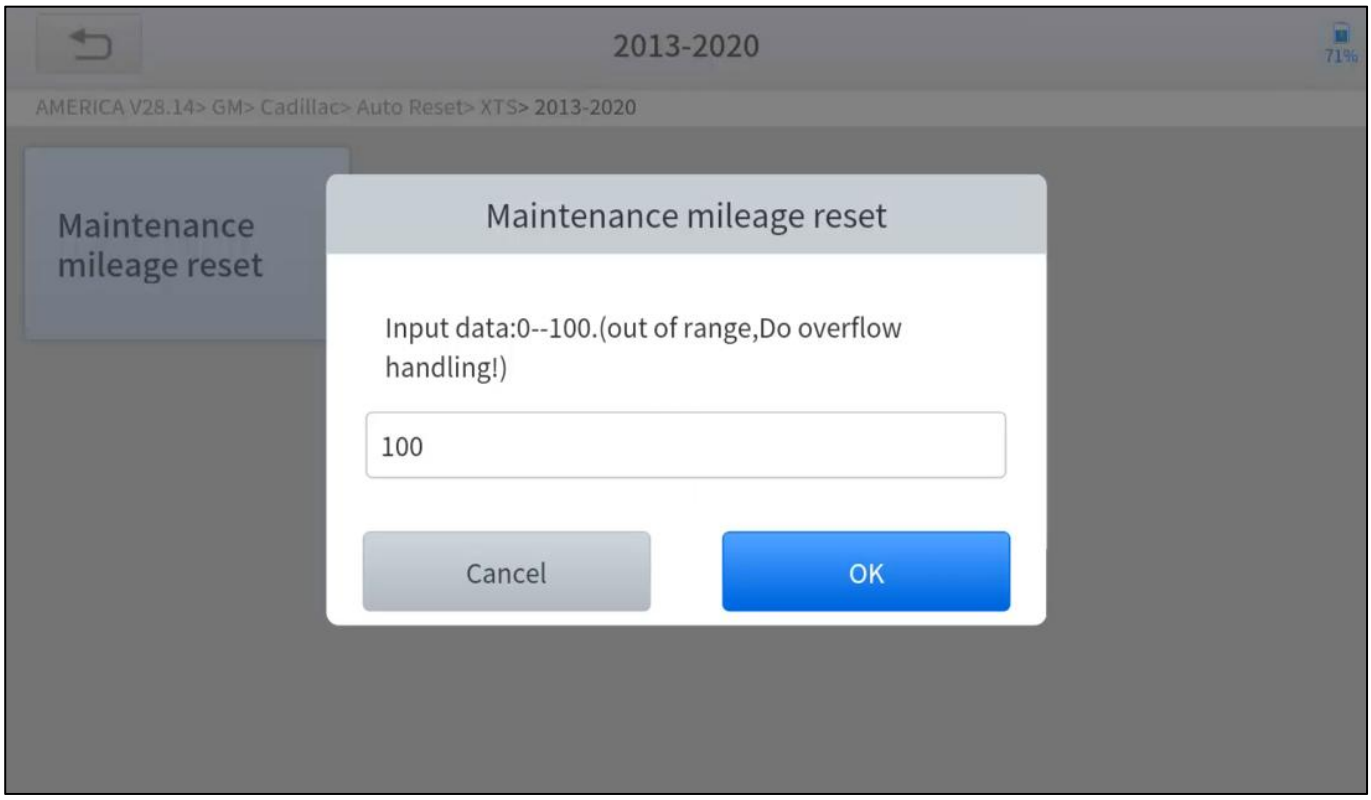


Figure 5-3 Sample of oil reset function (screen 2)

5. Message of '**Reset success**' displayed when Oil Reset function has successfully performed.

5.2 EPB

Electronic Parking Brake (EPB) System reset is a popular special function. You can use this function to reset the electronic parking brake system and brake pads, which also supports the brake pad replacement (retraction, release of the brake pump), G-sensor, and body angle calibration. This function has multiple uses and can safely and effectively maintain the electronic brake system. These applications include deactivating and activating brake control systems, assisting in controlling brake fluid, opening and closing brake pads, and setting brakes after replacing brake discs or brake pads, etc.

1. If the brake pad wears the brake pad sense line, the brake pad sense line will send a signal to the onboard tablet asking for replacing the brake pad. After replacing the brake pad, you must reset the brake pad. Otherwise, the car alarms.

2. Reset must be performed in the following cases:

- The brake pad and brake pad wear sensor are replaced.
- The brake pad indicator lamp is on.
- The brake pad sensor circuit is short, which is recovered.
- The servo motor is replaced.

The operation guidelines of the EPB function are shown as below:

1. Enter the **EPB** menu and choose relevant models according to the vehicle being tested.

2. Follow the instructions displayed and press **YES** after completing the instructions shown.

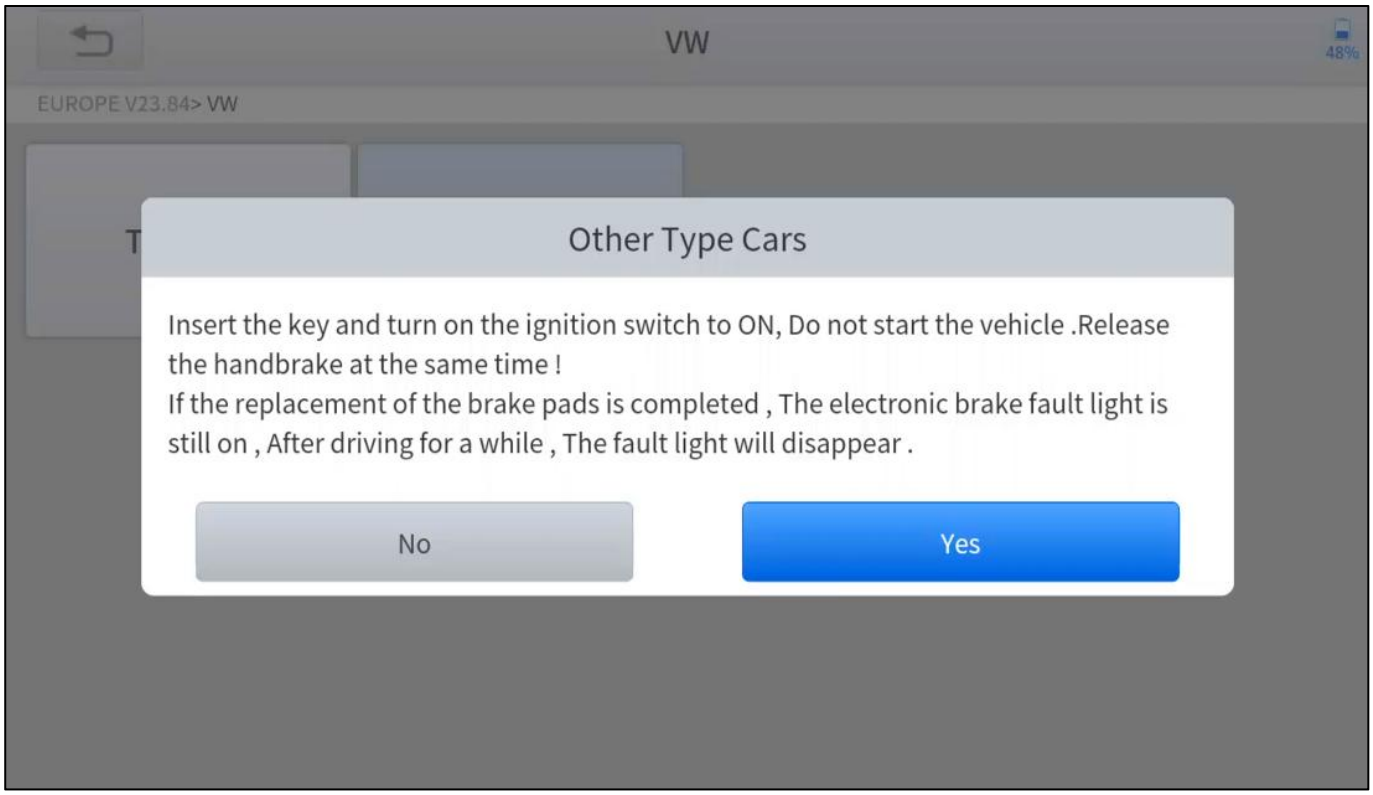


Figure 5-4 Sample of EPB function (screen 1)

3. Enter the **Enter maintenance mode** menu and release the handbrake brake. And press **OK** after completing the instructions shown.

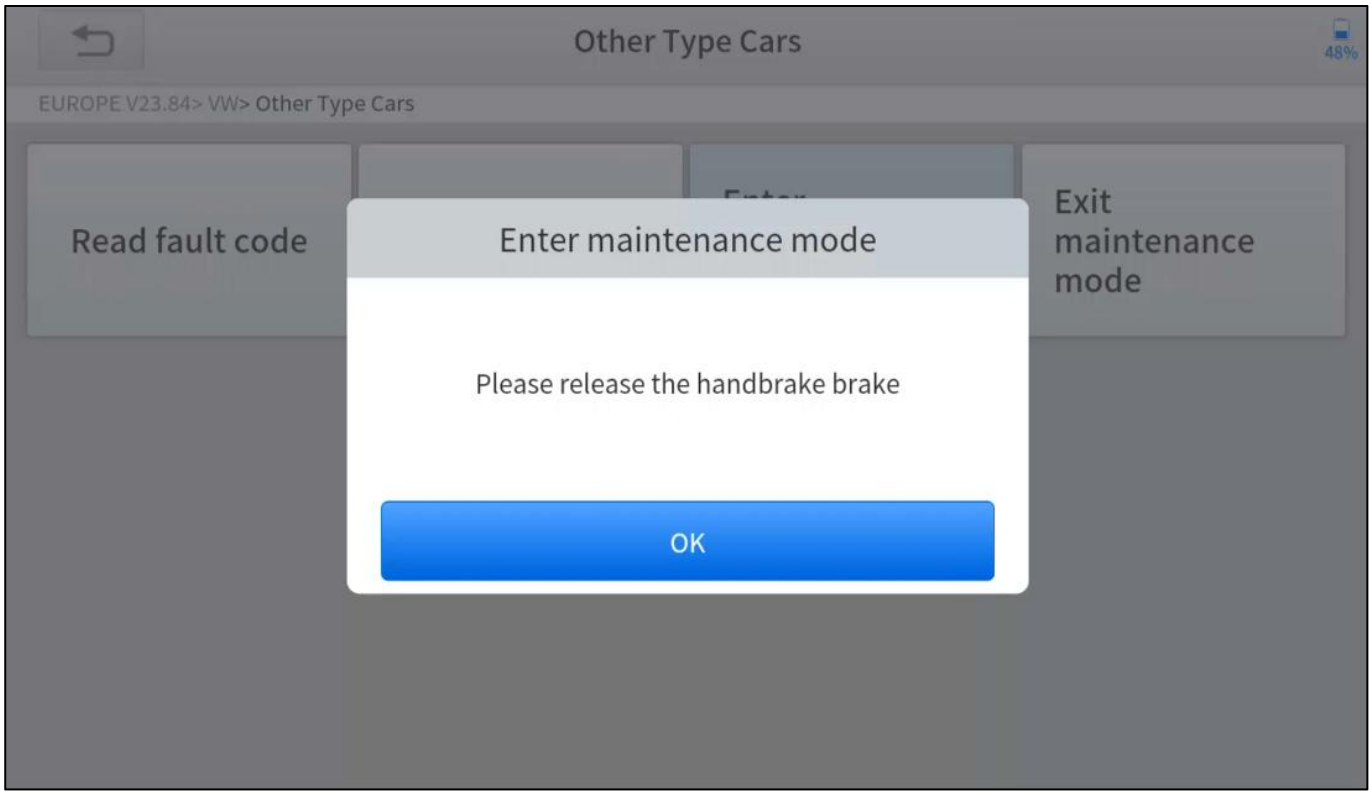


Figure 5-5 Sample of EPB function (screen 2)

4. Wait until the message of '**Successful operation**' popes up. And press **OK** to exit the menu.
5. Enter the **Exit maintenance mode** menu and wait until the message of ''**Successful operation**' popes up.

5.3 SAS

Steering Angle Sensors (SAS) System Calibration permanently stores the current steering wheel position as the straight-ahead position in the SAS EEPROM. Therefore, the front wheels and the steering wheel must be set exactly to the straight-ahead position before calibration. In addition, the VIN is also read from the instrument cluster and stored permanently in the SAS EEPROM. On successful completion of calibration, the SAS fault codes will be automatically cleared.

To reset the steering angle, you need to first find the relative zero point position for the car to drive in a straight line. Taking this position as a reference, the ECU can calculate the accurate angle for left and right steering.

After replacing the steering angle position sensor, replacing steering mechanical parts (such as steering gearbox, steering column, end tie rod, steering knuckle), performing four-wheel alignment, or recovering the car body, you must reset the steering angle.

The operation guidelines of the SAS function are shown as below:

1. Enter the **SAS** menu and choose relevant models according to the vehicle being tested.
2. Enter the **Set steering angle sensor** menu and follow the instructions displayed.



Figure 5-6 Sample of SAS function (screen 1)

3. Wait until the following instruction displayed and press **Yes** after completing the instructions shown.

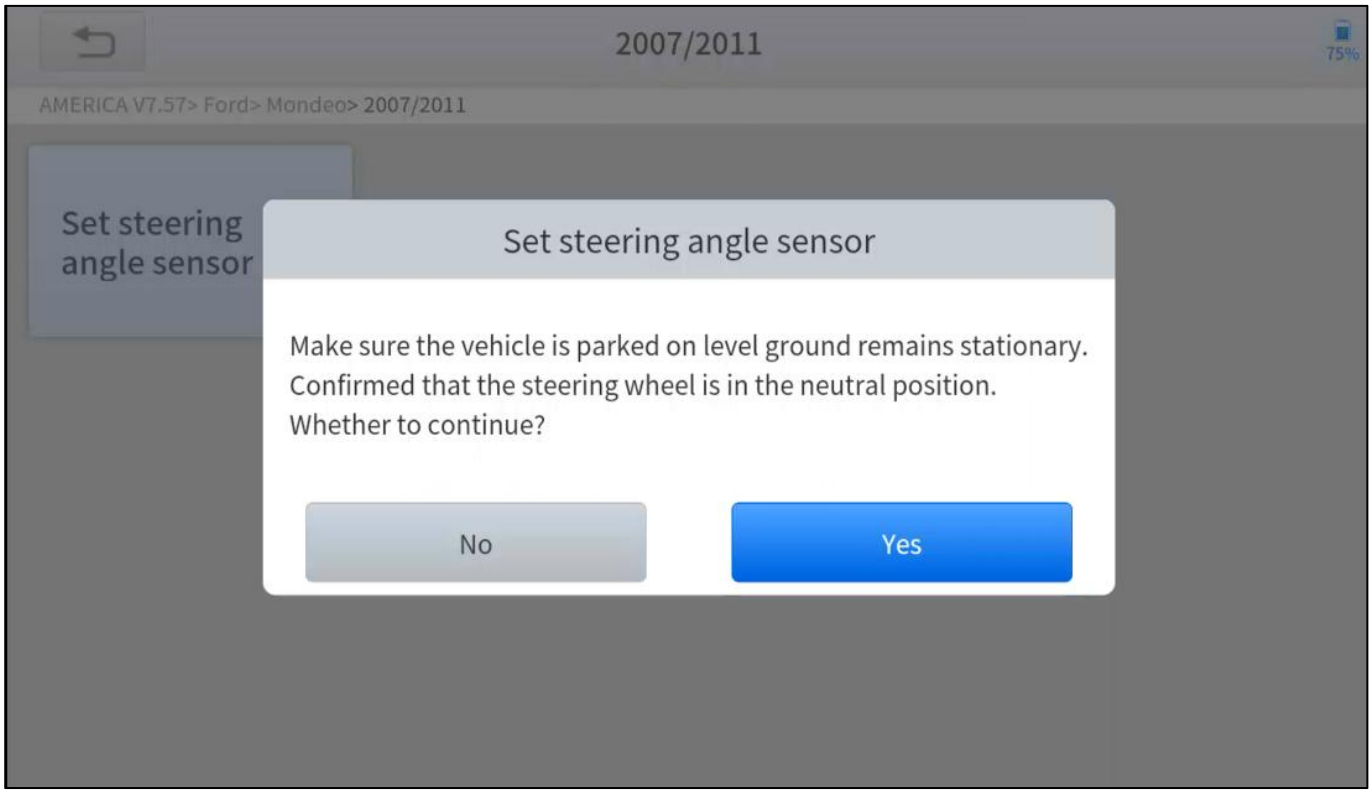


Figure 5-7 Sample of SAS function (screen 2)

4. Follow the instructions displayed and press **OK** after completing the instructions shown.

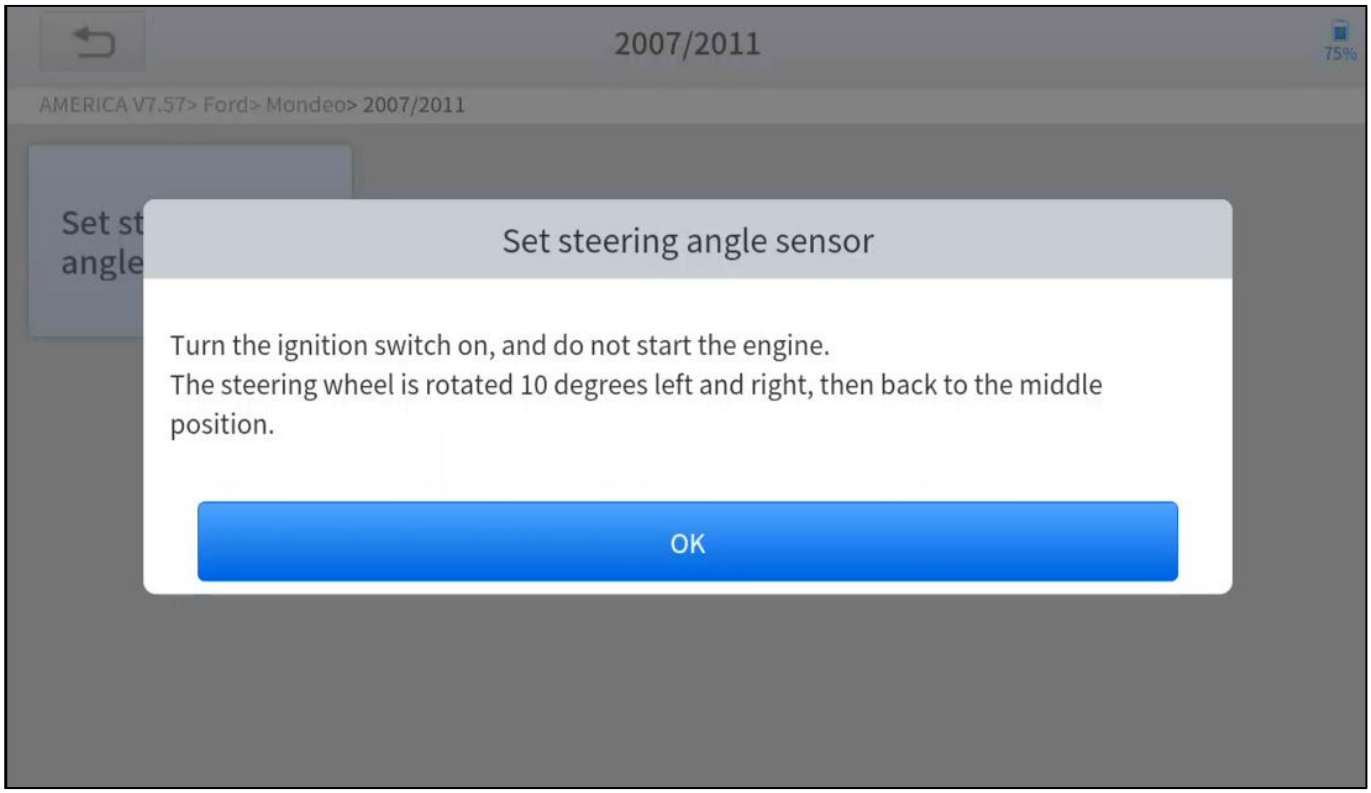


Figure 5-8 Sample of SAS function (screen 3)

5. Wait until the following instruction displayed and press **OK** after completing the instructions shown.

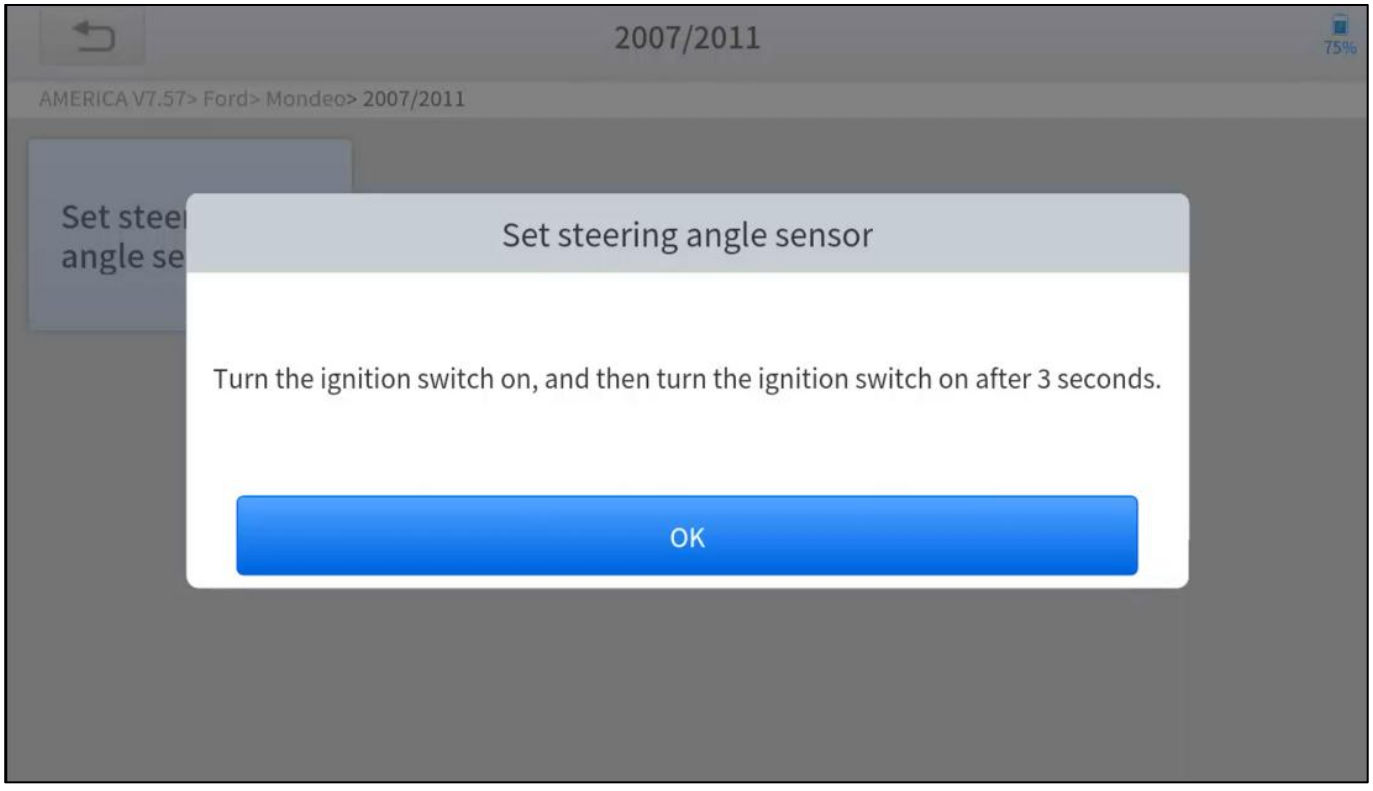


Figure 5-9 Sample of SAS function (screen 4)

6. Message of ‘**Function execution is completed**’ displayed when SAS function has successfully performed.

5.4 DPF

The Diesel Particle Filter (DPF) function manages DPF regeneration, DPF component replacement teach-in, and DPF teach-in after replacing the engine control module (ECM).

The ECM monitors driving style and selects a suitable time to employ regeneration. Vehicles driven a lot at idling speed and low load will attempt to regenerate earlier than vehicles driven more with higher load and speed. For regeneration to take place, a prolonged high exhaust temperature must be obtained.

In the event of the car being driven in such ways that regeneration is not possible, i.e., frequent short journeys, a diagnostic trouble code will eventually be registered in addition to the DPF light and “Check Engine” indicators displaying. A service regeneration can be requested in the workshop using the diagnostic tool.

DPF regeneration is used to clear PM (Particulate Matter) from the DPF filter through continuous combustion oxidation mode (such as high-temperature heating combustion, fuel additive or catalyst reduce PM ignition combustion) to stabilize the filter performance.

DPF regeneration may be performed in the following cases:

- The exhaust back pressure sensor is replaced.
- The PM trap is removed or replaced.
- The fuel additive nozzle is removed or replaced.
- The catalytic oxidizer is removed or replaced.
- The DPF regeneration MIL is on and maintenance is performed.
- The DPF regeneration control module is replaced.

The operation guidelines of the DPF function are shown as below:

1. Enter the **DPF** menu and choose relevant models according to the vehicle being tested.
2. Enter the **DPF regeneration** menu.
3. Read carefully and complete the **requisites** listed before performing the DPF regeneration function. And press **OK** after completing the instructions shown.

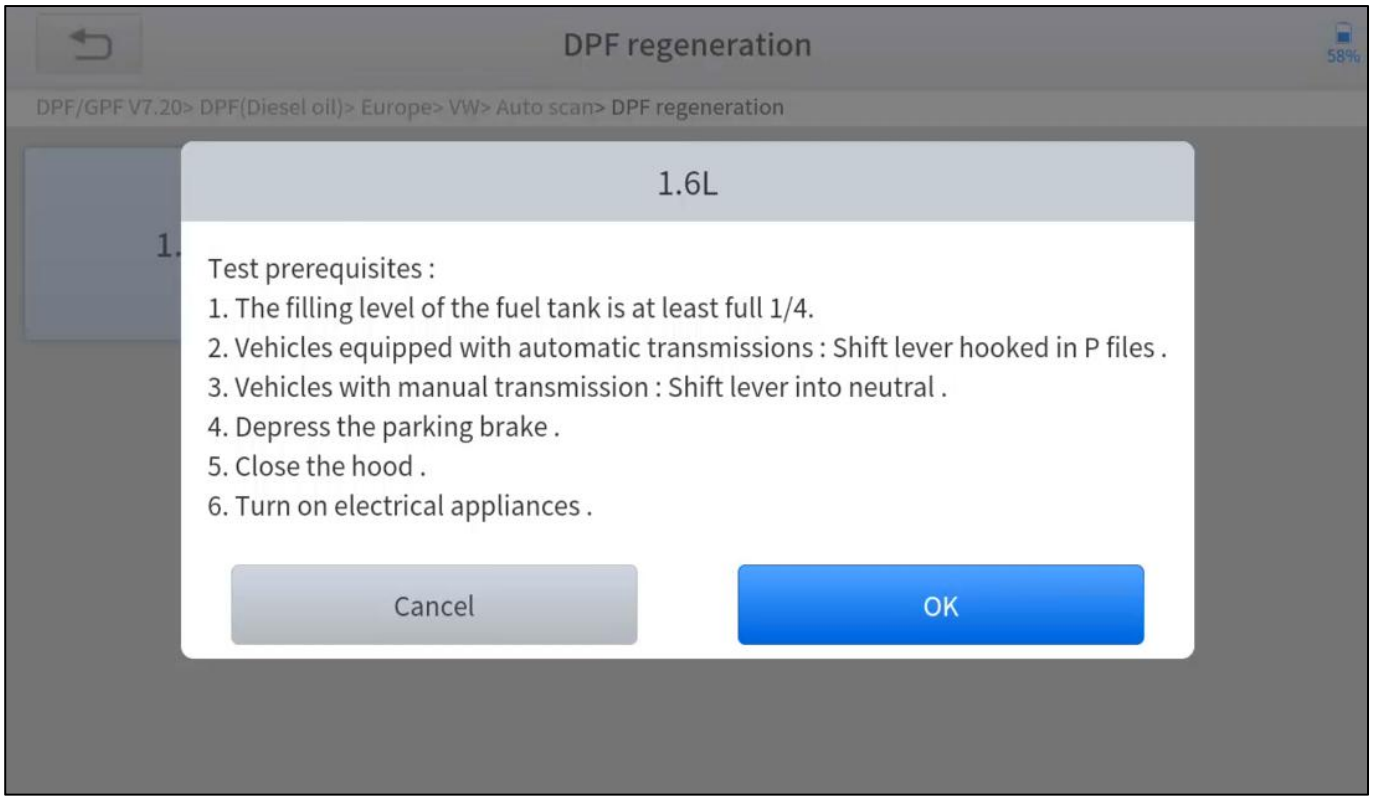


Figure 5-10 Sample of DPF function (screen 1)

4. Read the fuel tank level and make sure that it fulfills the requirement displayed.
5. Read the carbon deposit load.

6. Choose drive to warm up and follow the instructions listed below. And press **OK** after completing the instructions shown.

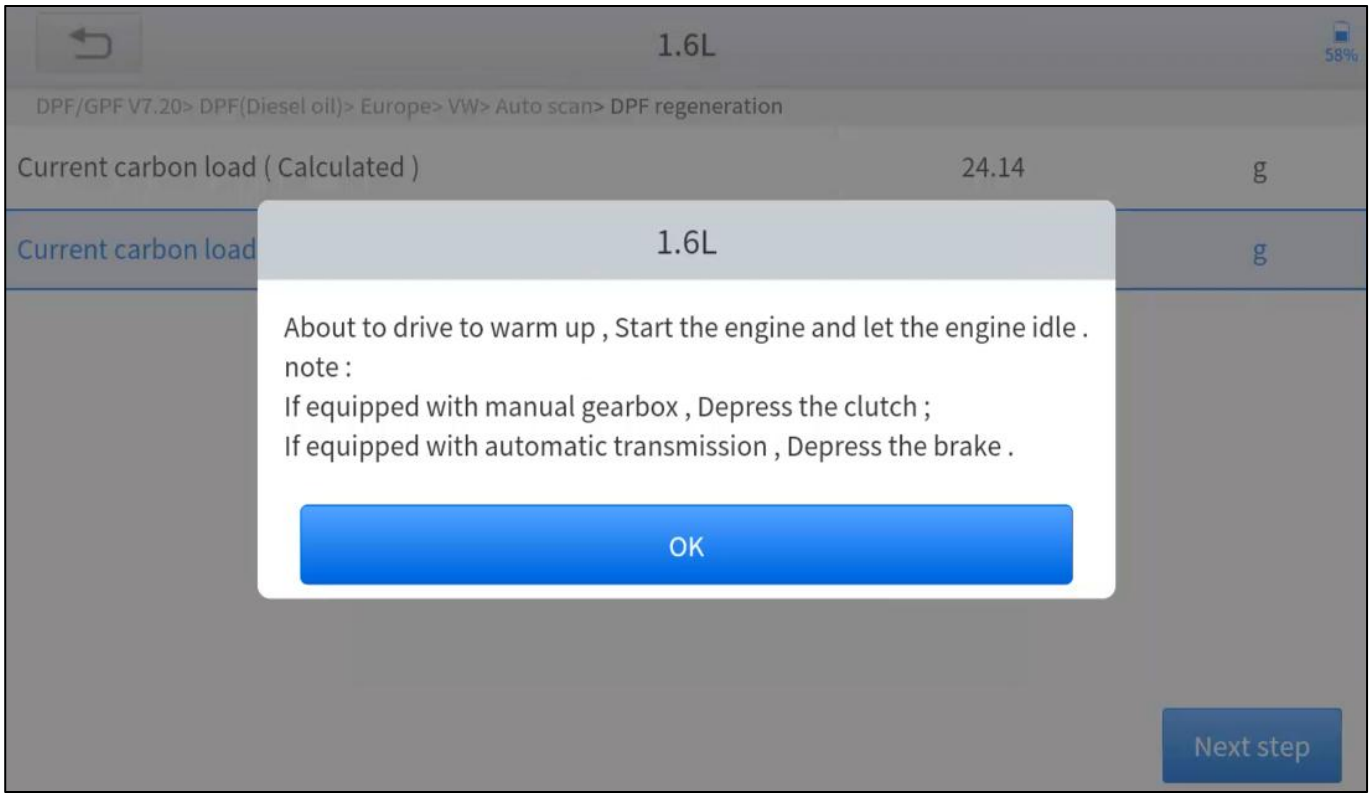


Figure 5-11 Sample of DPF function (screen 2)

7. Read the note carefully and follow the instructions shown on the screen. And press **OK** after completing the instructions shown.

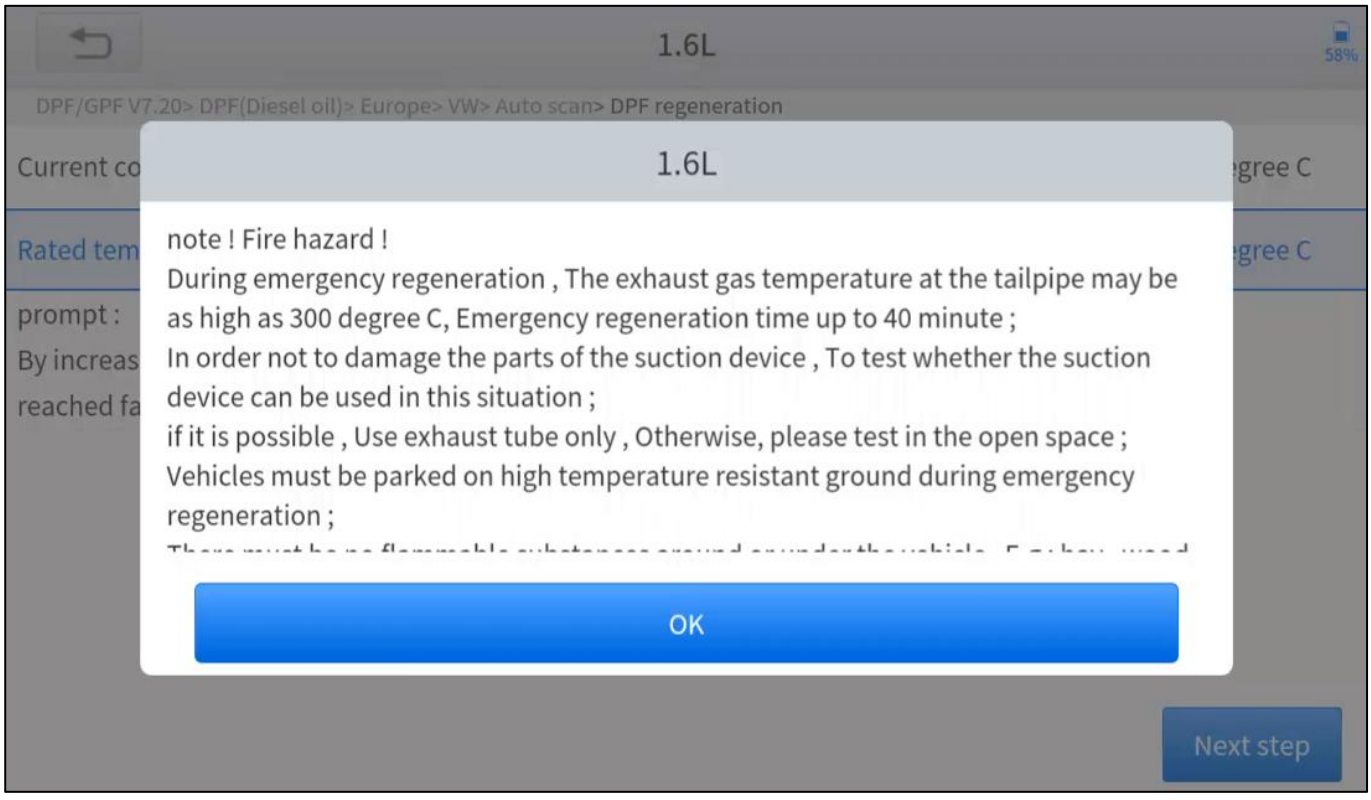


Figure 5-12 Sample of DPF function (screen 3)

8. Follow the instructions displayed and press **OK** after completing the instructions shown. Please pay attention to the Note.

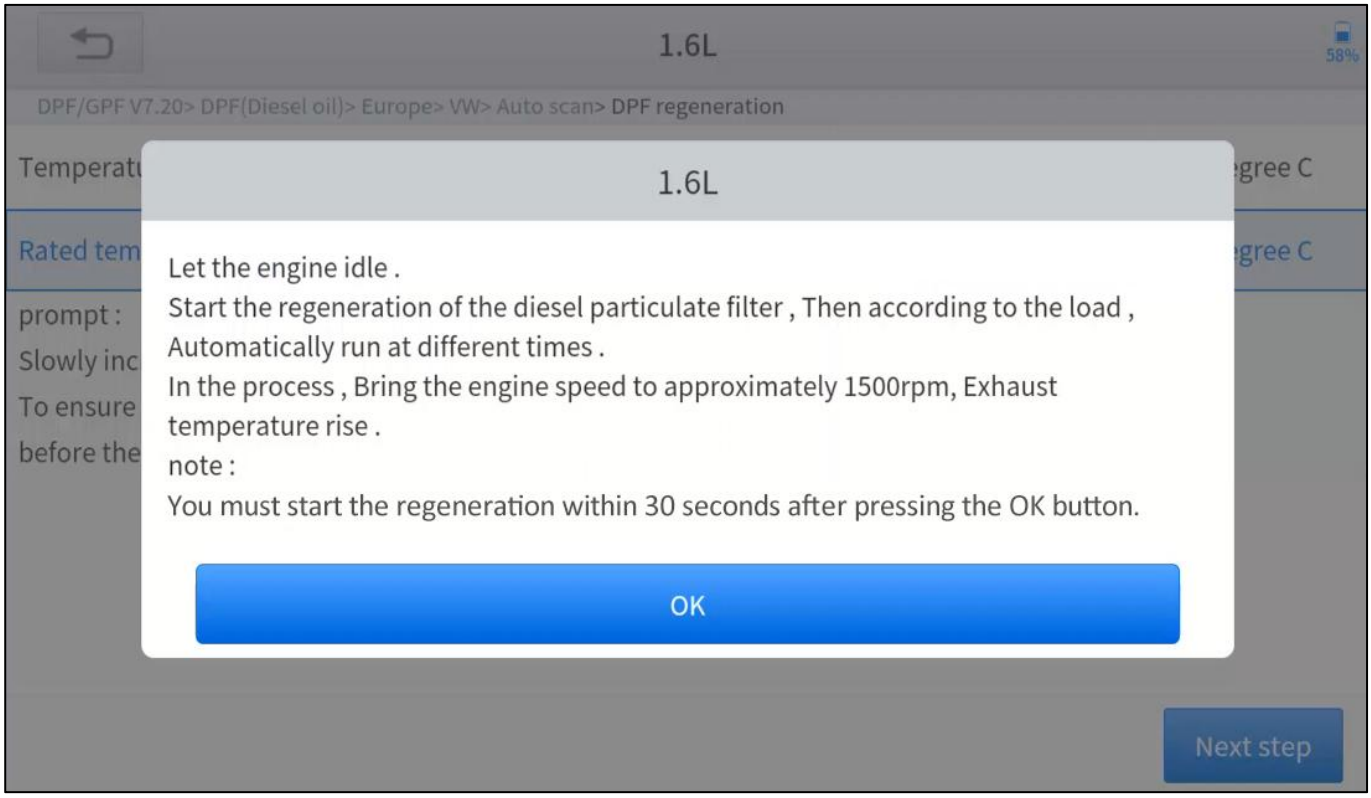


Figure 5-13 Sample of DPF function (screen 4)

9. Press the **OK** button to start the regeneration.

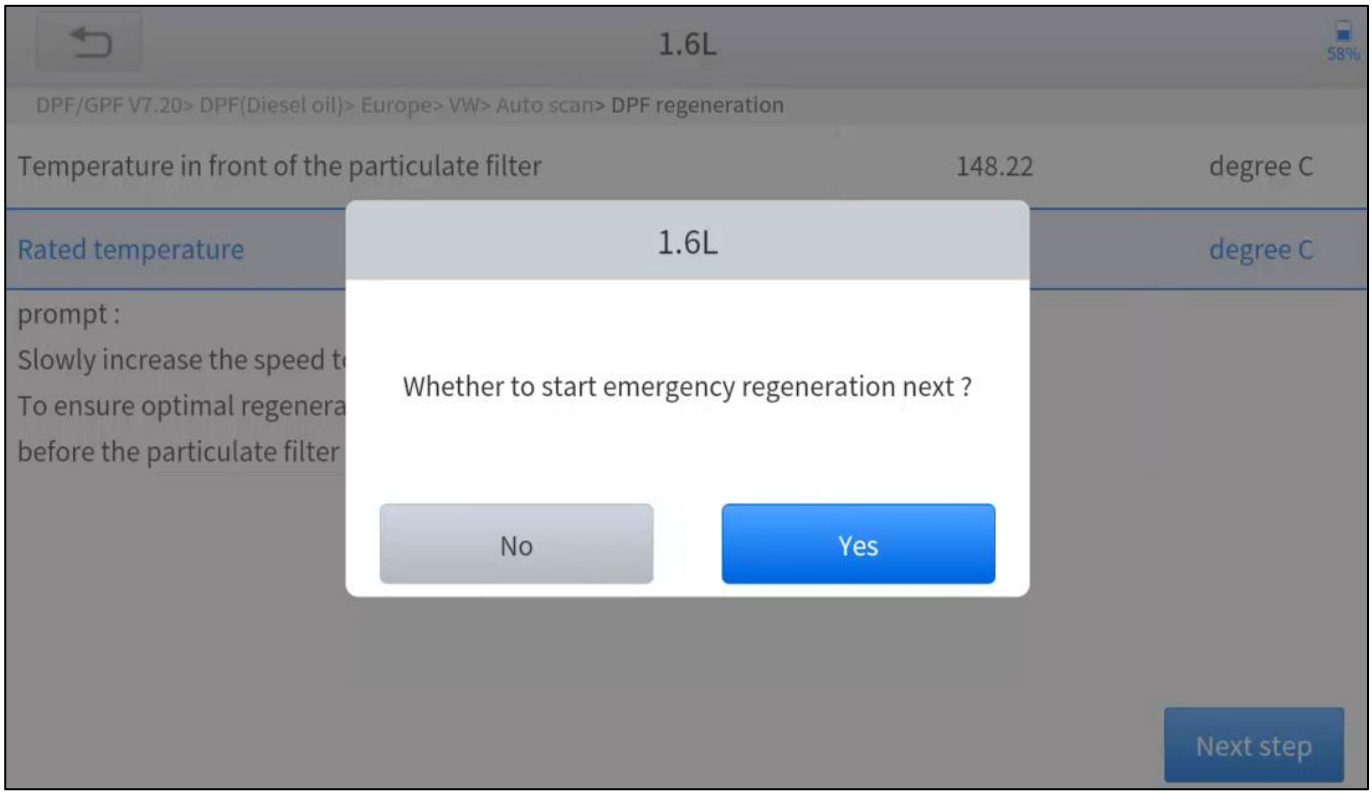


Figure 5-14 Sample of DPF function (screen 5)

10. Wait for the value of carbon deposit to decrease until a message of ‘Emergency regeneration has been **successfully completed**’ popes up, this process may take up to 40 minutes.



Figure 5-15 Sample of DPF function (screen 5)

11. Wait for **2 minutes** to let the particulate filter cool down.

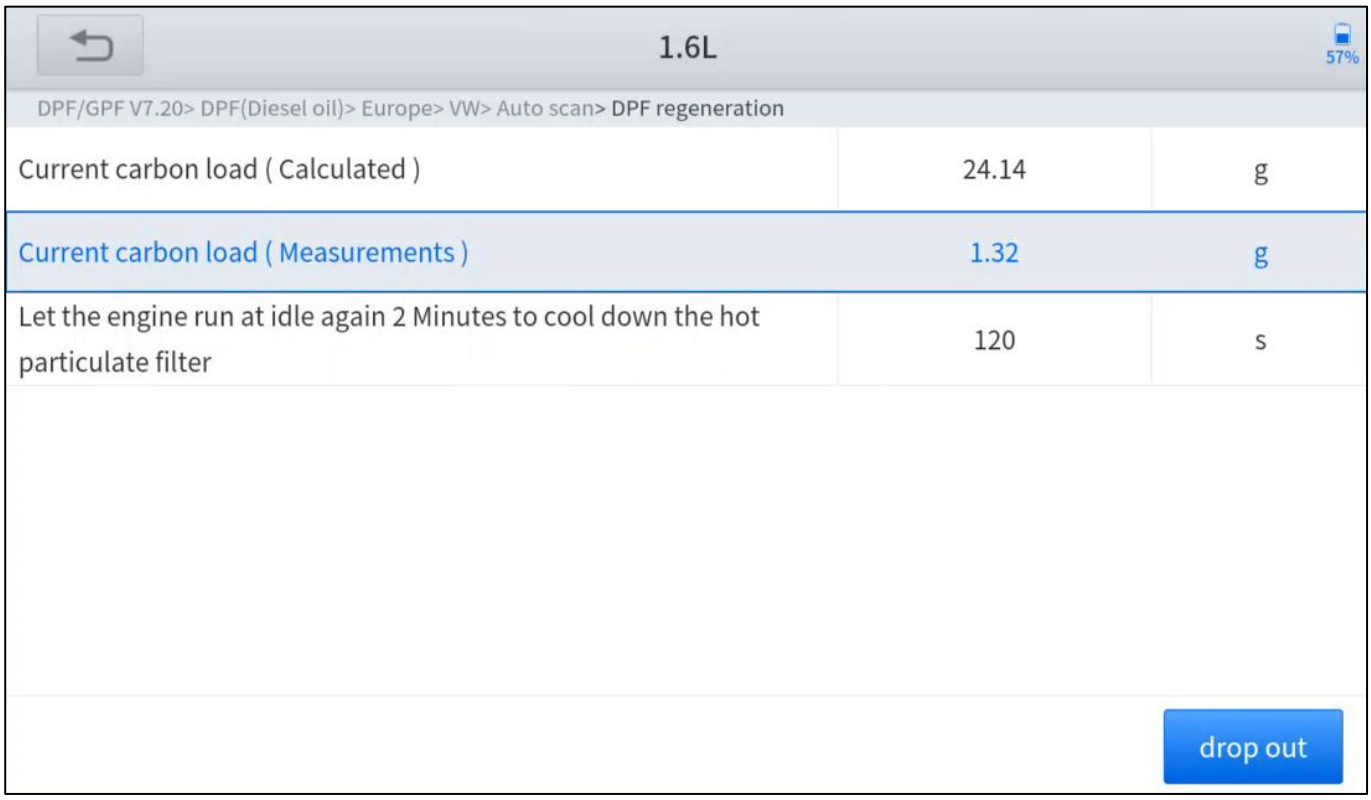


Figure 5-16 Sample of DPF function (screen 6)

12. Press **drop out** to exit the DPF function.

5.5 BMS RESET

The Battery Management System (BMS) allows the scan tool to evaluate the battery charge state, monitor the close-circuit current, register the battery replacement, and activate the rest state of the vehicle.

This function enables you to perform a resetting operation on the monitoring unit of the vehicle battery, in which the original low battery fault information will be cleared and battery matching will be done.

Battery matching must be performed in the following cases:

- The main battery is replaced. Battery matching must be performed to clear original low battery information and prevent the related control module from detecting false information. If the related control module detects false information, it will invalidate some electric auxiliary functions, such as automatic start & stop function, sunroof without one-key trigger function, power window without automatic function.
- Battery matching is performed to re-match the control module and motoring sensor to detect battery power usage more accurately, which can avoid an error message displayed on the instrument cluster.

The operation guidelines of the BMS Reset function are shown as below:

1. Enter the **BMS Reset** menu and choose relevant models according to the vehicle being tested.
2. Turn on the ignition switch.
3. Press **OK** to continue the BMS function.

4. Enter **battery capacity** (within the given range) and press **OK** after the input.

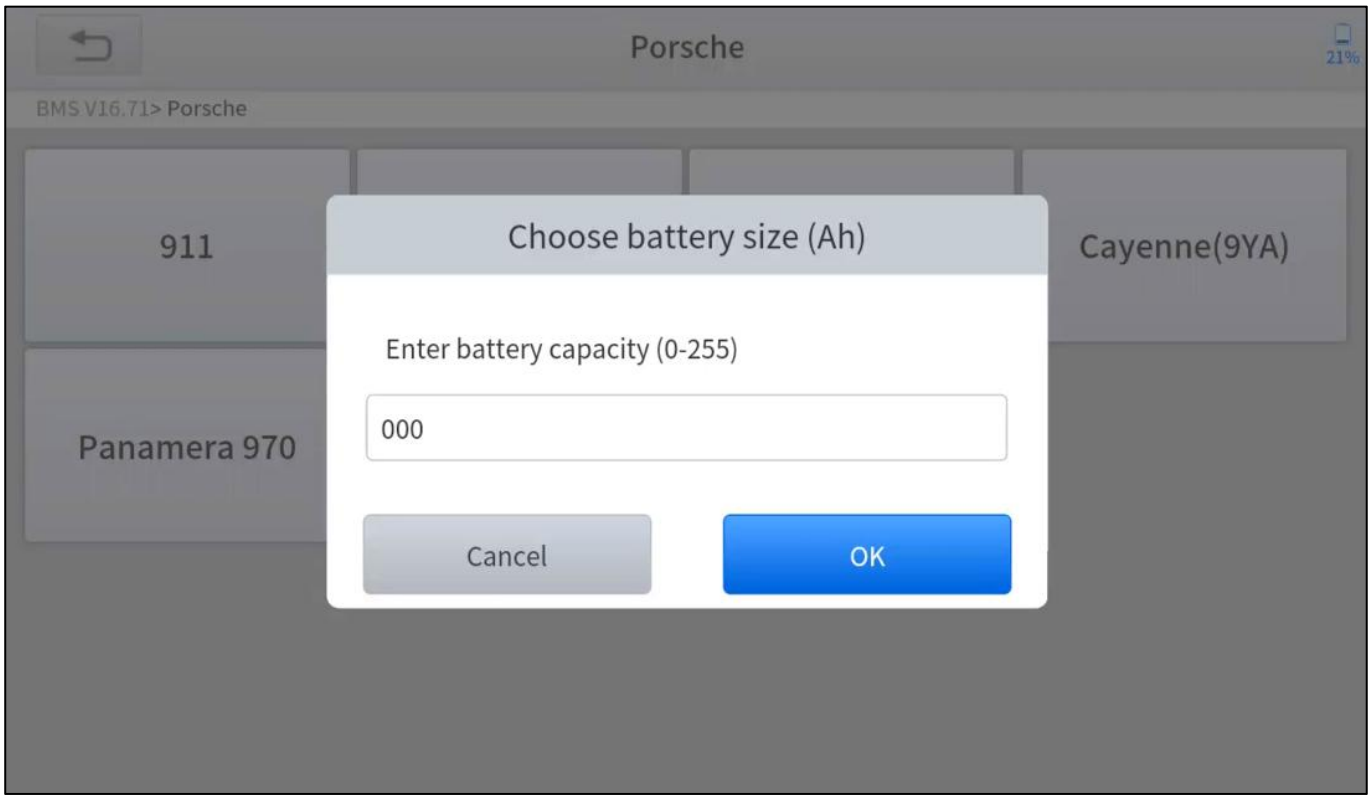


Figure 5-17 Sample of BMS function (screen 1)

5. Enter the **battery manufacturer** and press **OK** after the input.

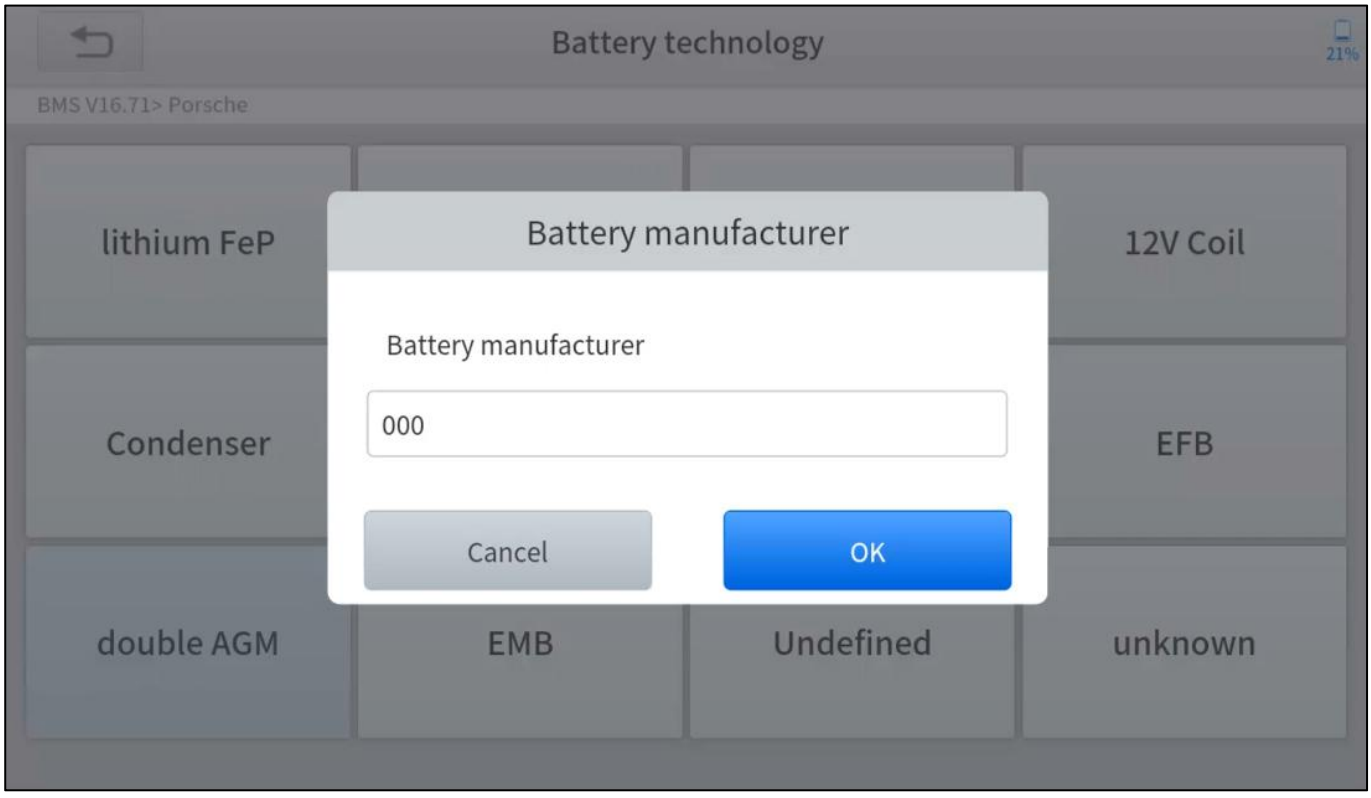


Figure 5-18 Sample of BMS function (screen 2)

6. Enter the **10-digit battery serial number** and press **OK** after the input.

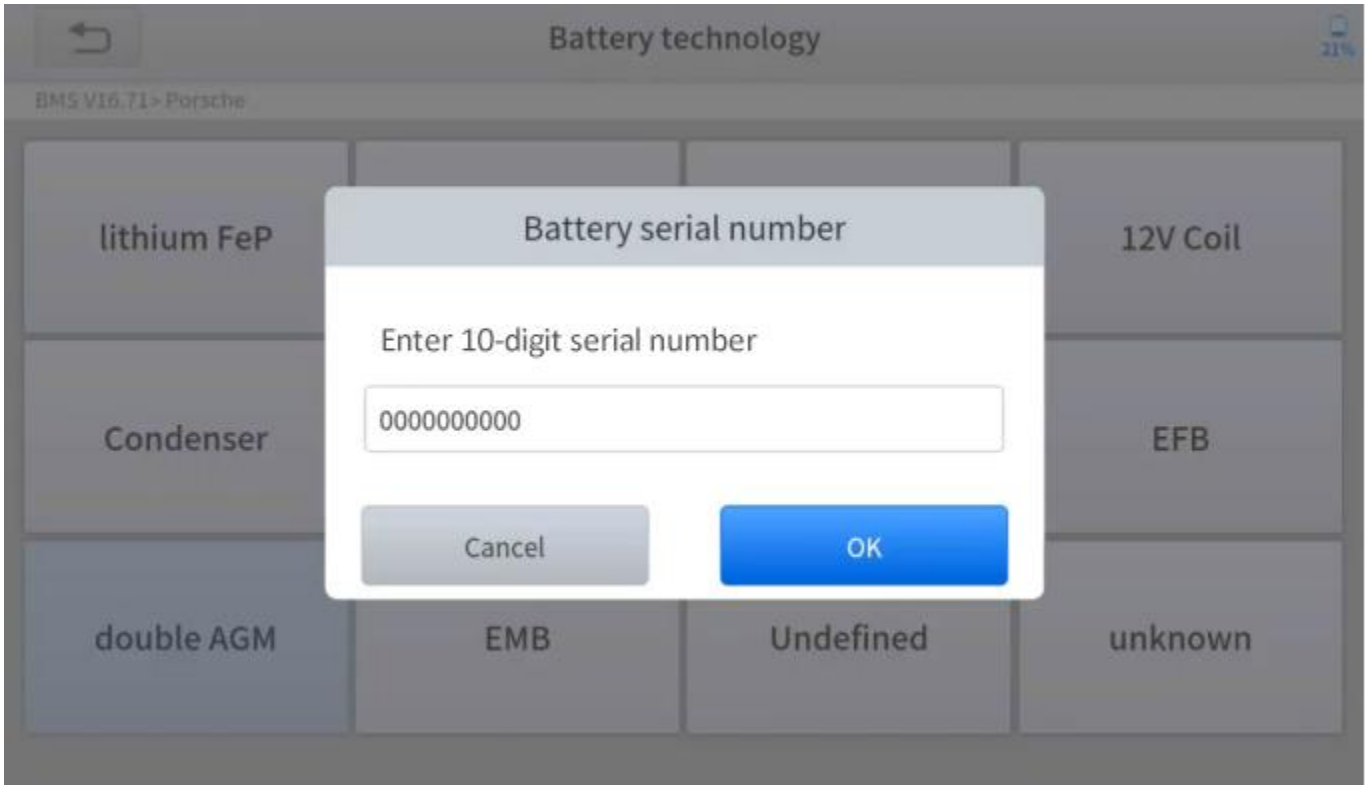


Figure 5-19 Sample of BMS function (screen 3)

5.6 THROTTLE

Throttle Position Sensor (TPS) Match, this function enables you to make initial settings to throttle actuators and returns the “learned” values stored on ECU to the default state. Doing so can accurately control the actions of regulating throttle (or idle engine) to adjust the amount of air intake.

The operation guidelines of the Throttle function are shown as below:

1. Enter the **Throttle** menu and choose relevant models according to the vehicle being tested.
2. Enter the **Auto Recognition** menu and turn on the ignition switch.
3. Read carefully and complete the **requisites** listed before performing the throttle regeneration function. And press **OK** after completing the instructions shown.

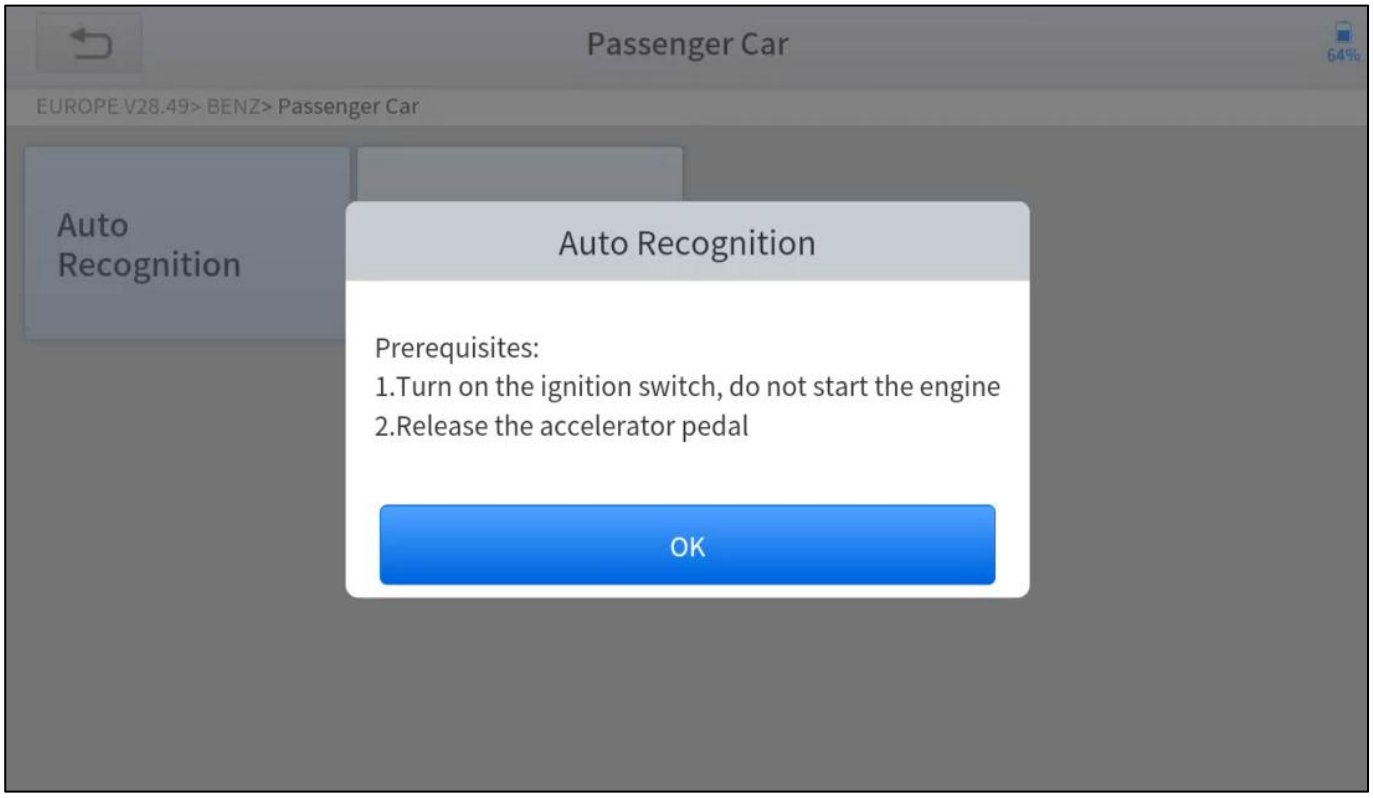


Figure 5-20 Sample of throttle function (screen 1)

4. Wait until all the parameters are read and displayed.

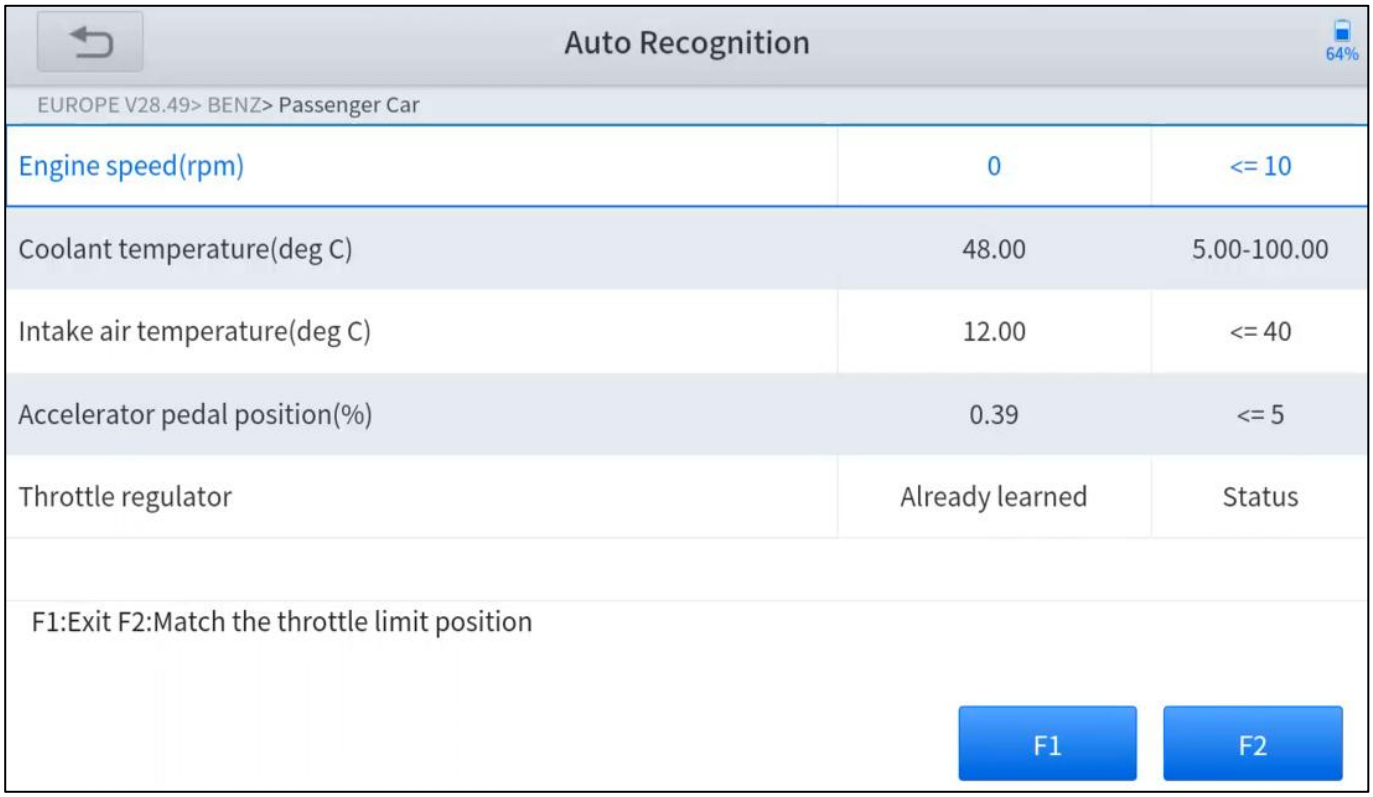


Figure 5-21 Sample of throttle function (screen 2)

5. Press **F2** button and wait until a message of '**Match successfully**' popes up.

5.7 INJECTOR CODING

This function can write the identification code of the fuel injector into the ECU so that the ECU can recognize and work normally. Write actual injector code or rewrite code in the ECU to the injector code of the corresponding cylinder for controlling accurately and correcting cylinder injection quantity.

After the ECU or injector is replaced, the injector code of each cylinder must be confirmed or re-coded so that the cylinder can better identify injectors to accurately control fuel injection.

ⓘ In general cases, there is no need to do the coding matching function after cleaning.
ⓘ The identification of the fuel injector includes its working accuracy value and type value. When replacing it, you need to find the corresponding model for replacement.
ⓘ At present, mainstream cars support injector coding function.

The operation guidelines of the Injector Coding function are shown as below:

1. Enter the **Injector coding** menu and choose relevant chassis models according to the vehicle being tested.
2. Enter the **Fuel injection nozzle injection volume adjustment** menu.

3. Read the note displayed carefully and press **OK** after the reading.

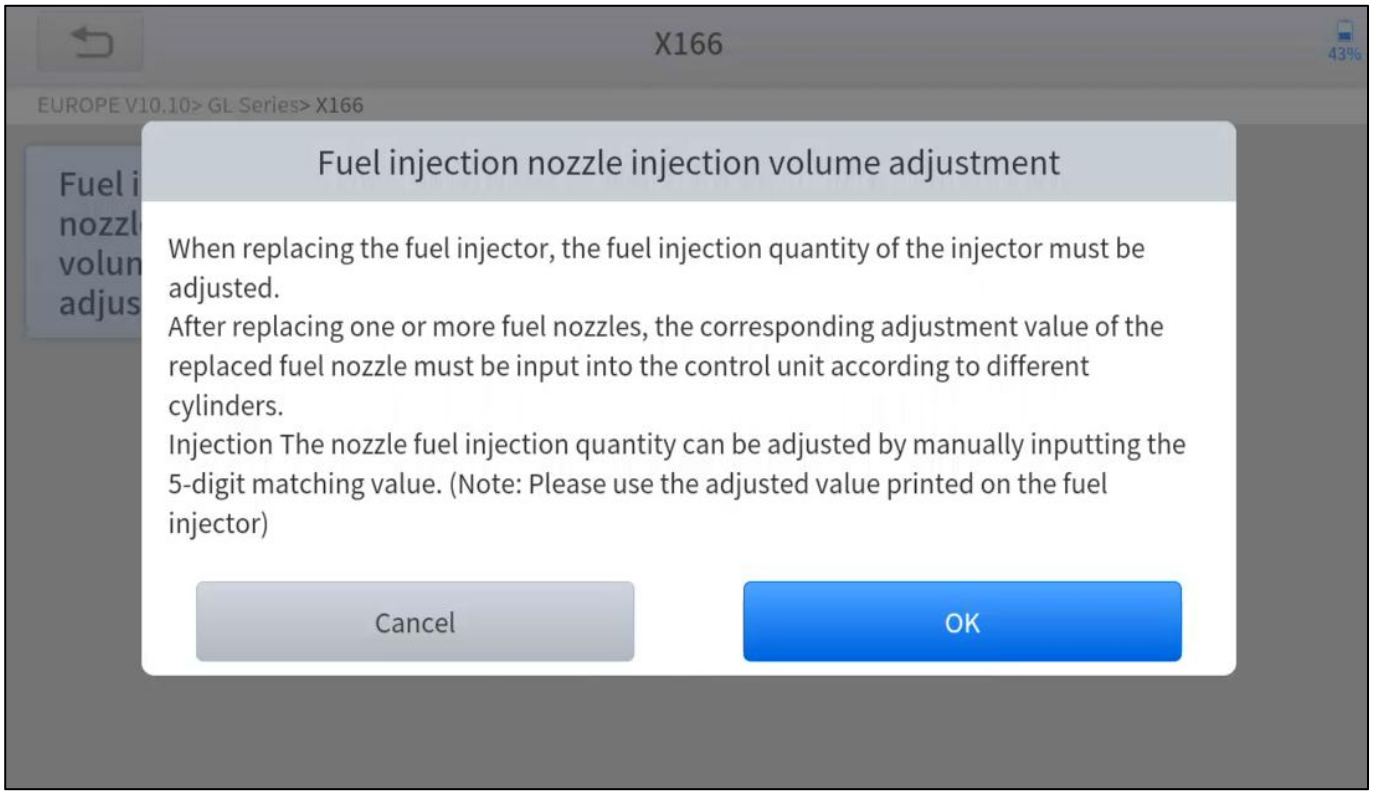


Figure 5-22 Sample of injector coding function (screen 1)

4. Read and confirm the value stored in the cylinders.

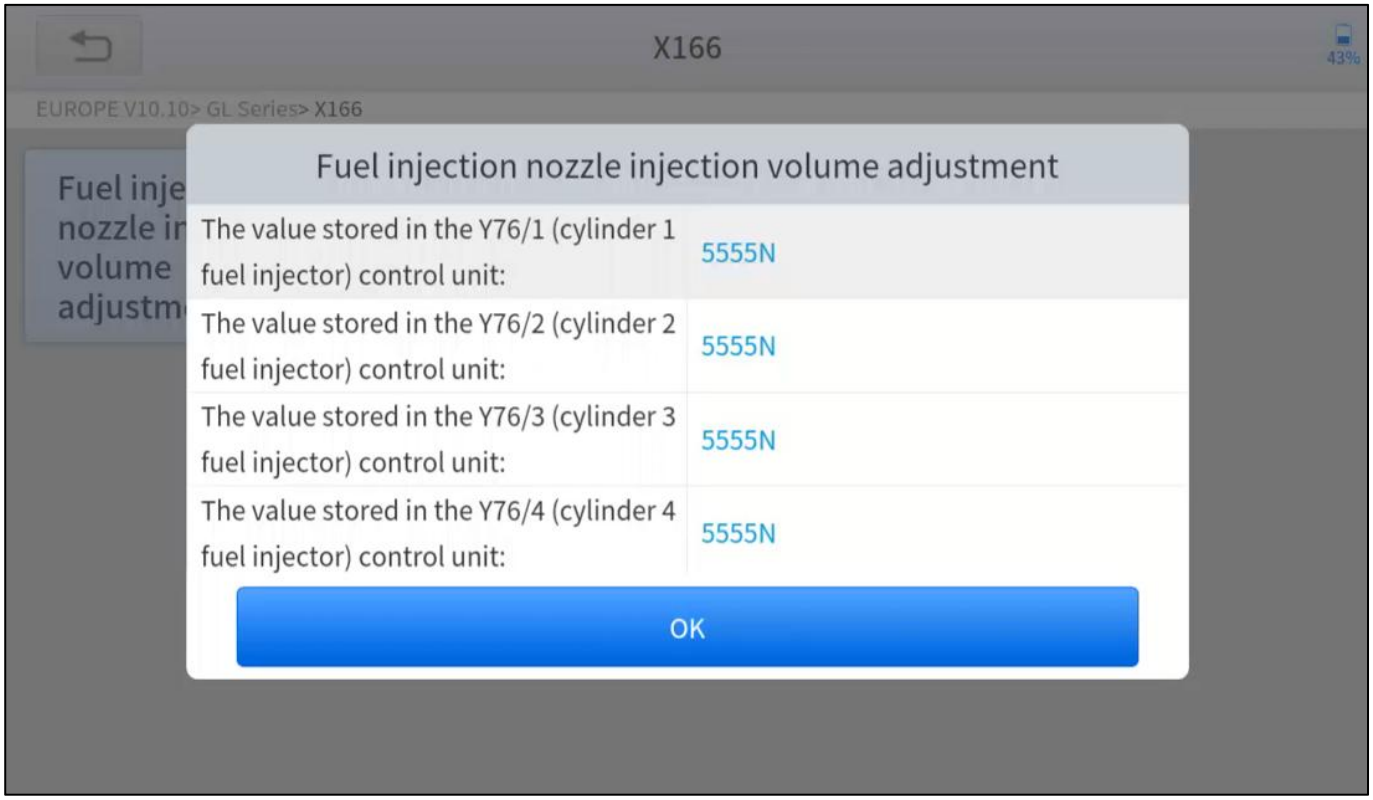


Figure 5-23 Sample of injector coding function (screen 2)

5. Enter the **Change the value of cylinder** menu of the replaced injector(s), and enter the **new 5-digit value** and then press **OK**.

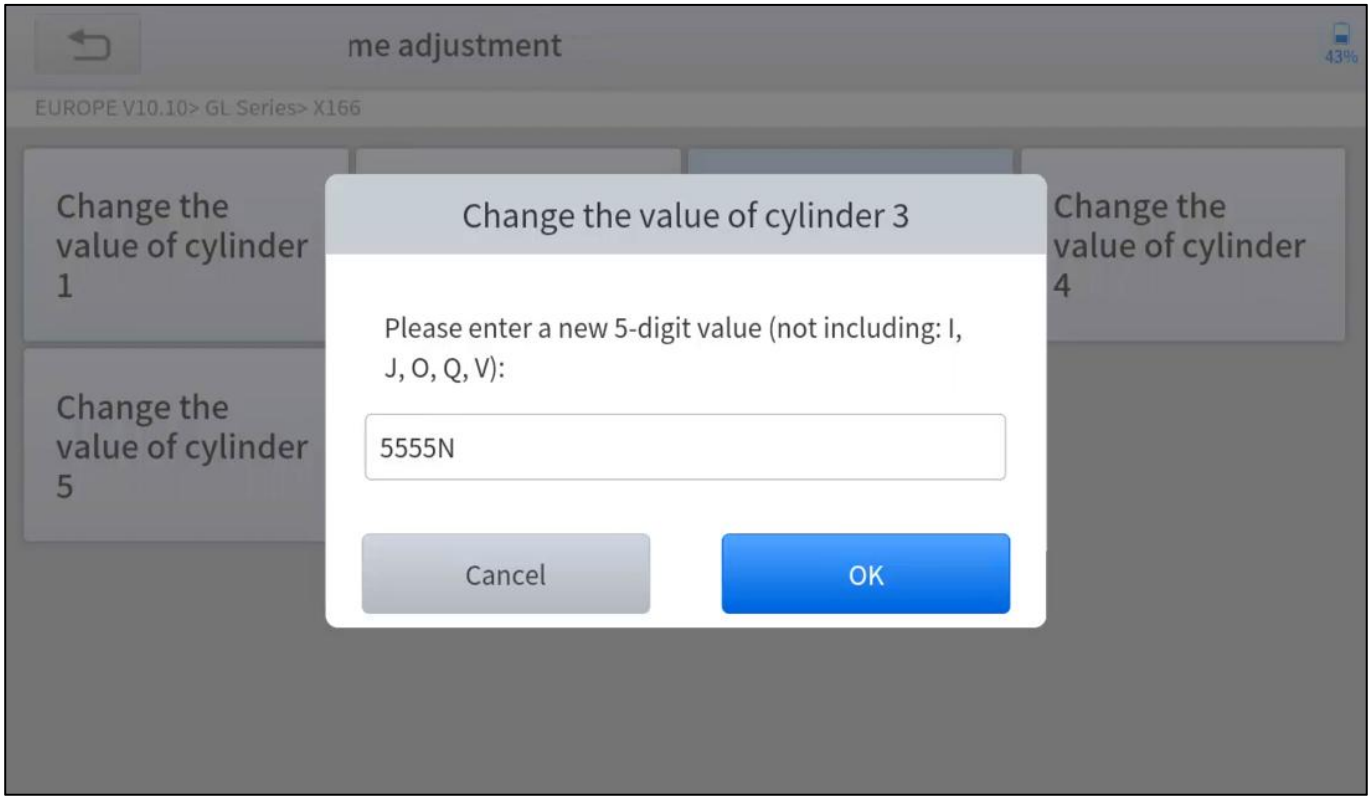


Figure 5-24 Sample of injector coding function (screen 3)

6. Wait until the message of '**Write successfully**' popes up.
7. Turn off the ignition switch.
8. Wait until the message asked you to turn on the ignition switch.

9. Re-enter the **Fuel injection nozzle injection volume adjustment** menu to check whether the new value(s) are shown.

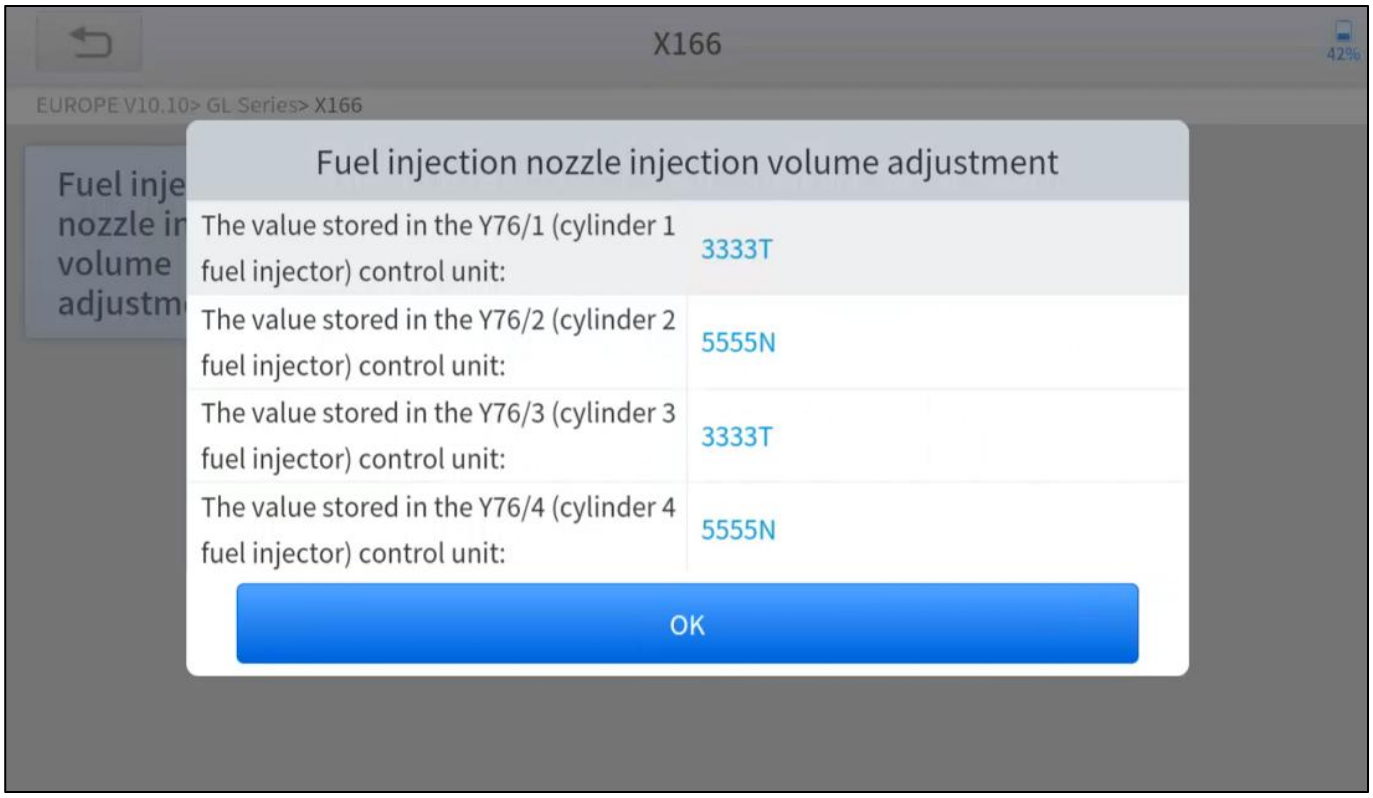


Figure 5-25 Sample of injector coding function (screen 4)

5.8 GEARBOX MATCH

After changing the gearbox or changing the gearbox ECU, you need to use the gearbox matching function to re-match the engine and the gearbox.

ⓘ Before resetting the gearbox, please check the gearbox control unit to ensure that there is no fault code. If there is a fault code, the gearbox memory function cannot be reset. Please road test after reset.

The operation guidelines of the Gearbox Matching function are shown as below:

1. Enter the **Gearbox matching** menu and choose relevant models according to the vehicle being tested.
2. Enter the **Reset adaptive value** menu.
3. Turn on the ignition without starting the engine.
4. Read the note and press **OK** to continue the Gearbox Matching function.

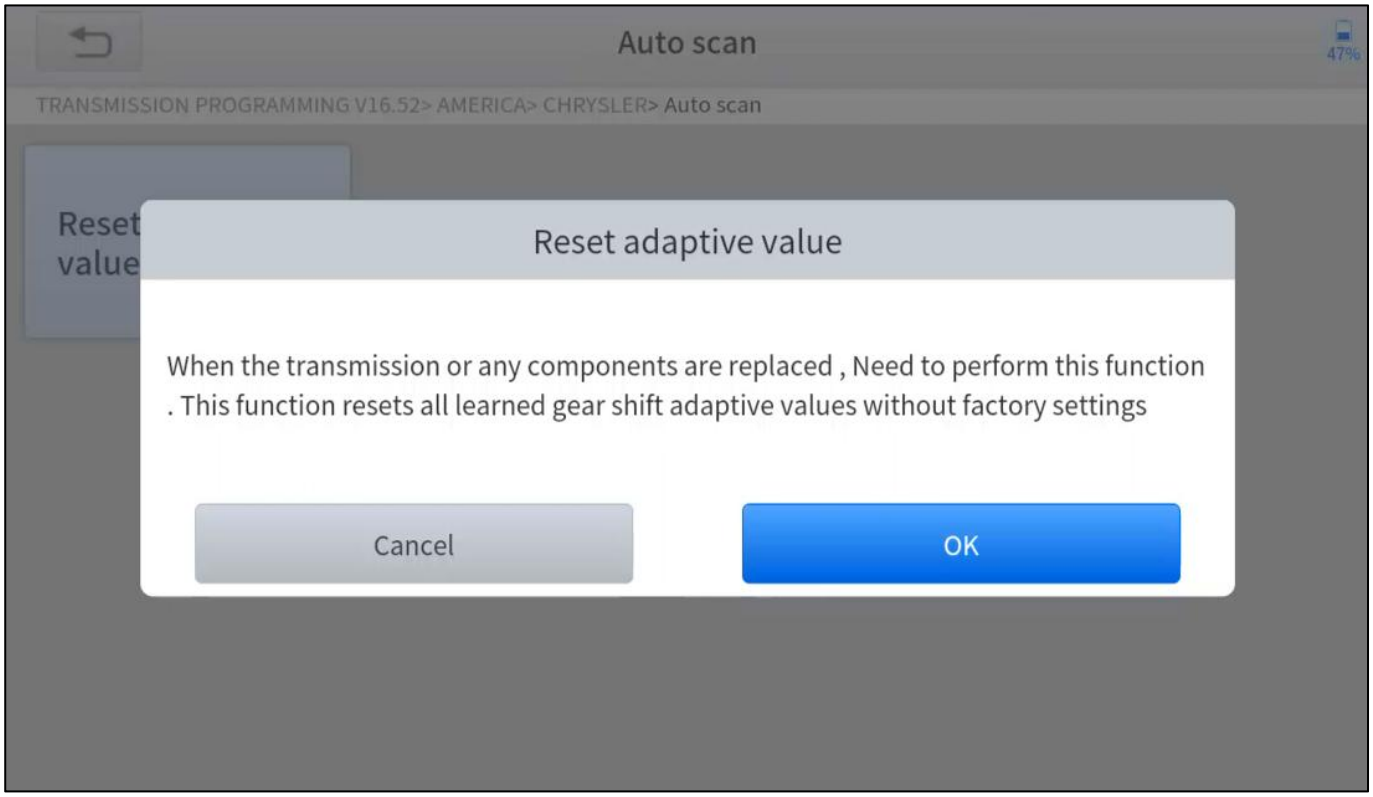


Figure 5-26 Sample of gearbox matching function (screen 1)

5. Wait until the message '**Successful operation**' popes up.

5.9 GEAR LEARNING

The crankshaft position sensor learns crankshaft tooth machining tolerance and saves to the tablet to more accurately diagnose engine misfires. If gear learning is not performed for a car equipped with a Delphi engine, the MIL turns on after the engine is started. The diagnostic device detects the DTC P1336 'Gear not learned'. In this case, you must use the diagnostic device to perform gear learning for the car. After gear learning is successful, the MIL turns off. This function can complete the self-learning of the gearbox and improve the quality of shifting.

After the engine ECU, crankshaft position sensor, or crankshaft flywheel is replaced, or the DTC 'gear not learned' is present, gear learning must be performed.

The operation guidelines of the Gear learning function are shown as below:

1. Enter the **Gear learning** menu and choose relevant models according to the vehicle being tested.
2. Turn on the ignition switch to start the vehicle.
3. Enter the **Tooth Learning** menu.

4. Read carefully and complete the **requisites** listed before performing the gear learning function. And press **OK** after completing the instructions shown.

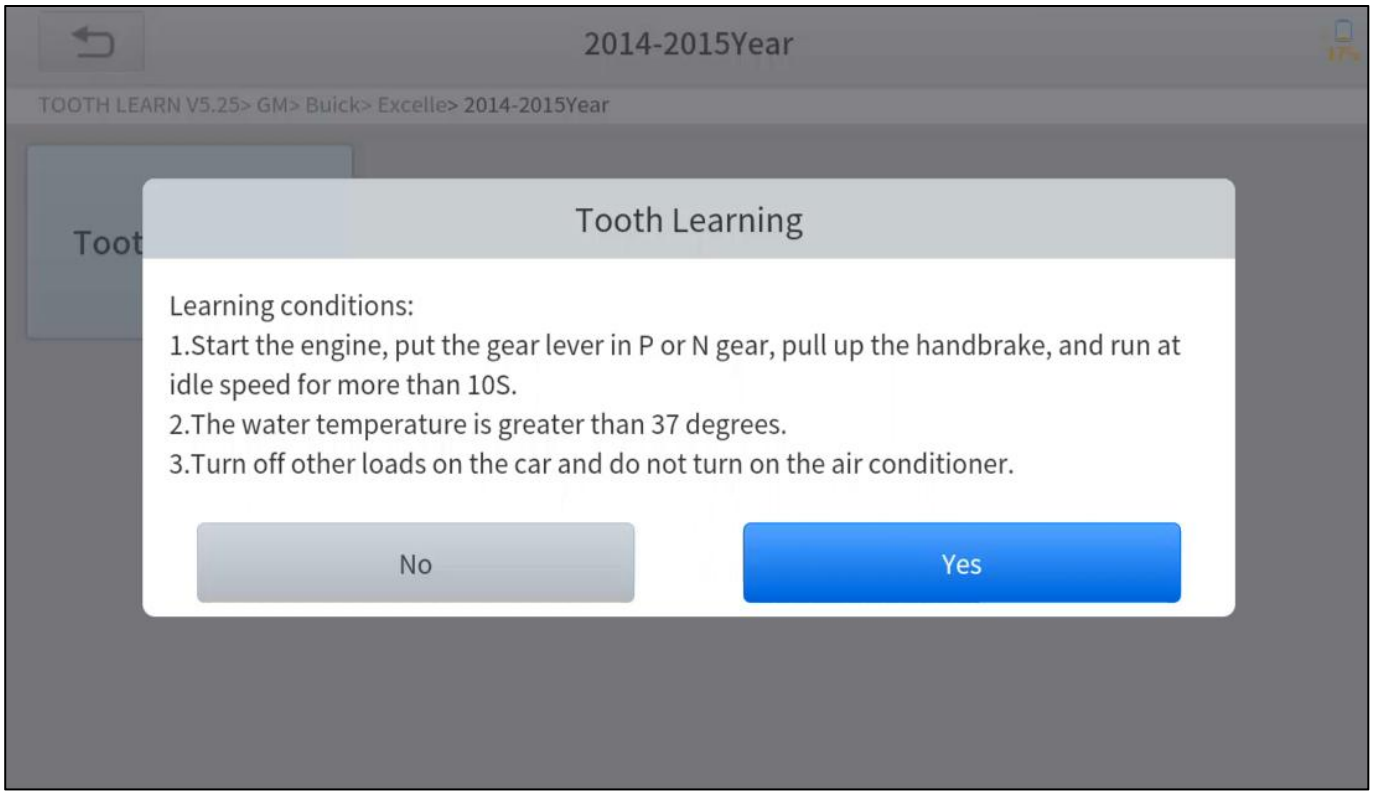


Figure 5-27 Sample of gear learning function (screen 1)

5. Read the instructions displayed and press **Yes** to start the learning process.

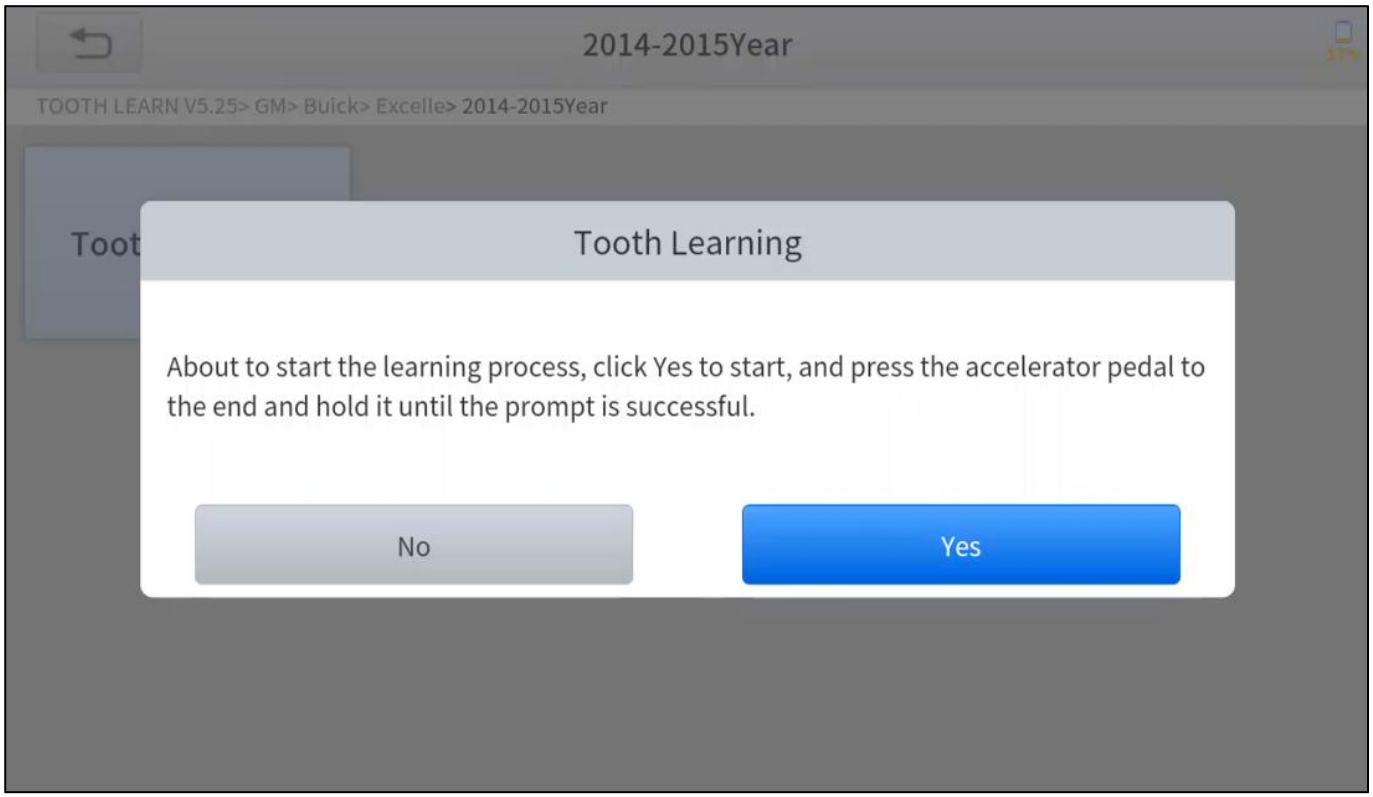


Figure 5-28 Sample of gear learning function (screen 2)

6. **Press the accelerator pedal** all the way down and hold it until a message of ‘The **learning is successful**, please release the accelerator pedal.’ popes up.
7. Release the accelerator pedal and press **OK** to exit the gear learning function.

6 REPORTS

Diagnosis Reports are used for viewing and printing the saved files, such as Live Data, Trouble Codes, or pictures generated in the process of diagnosis, users also can view a record of which vehicles have been previously tested. It includes 2 parts:

- **Diagnosis Report**
- **Data Playback**



Figure 6-1 Sample of reports screen

6.1 DIAGNOSIS REPORT

Diagnosis reports will be automatically generated when the diagnosis is performed, such as auto-diagnosis, read ECU information, read trouble codes, live data. And all the reports generated can be found under the Diagnosis Report, you can view and delete the reports according to your needs.

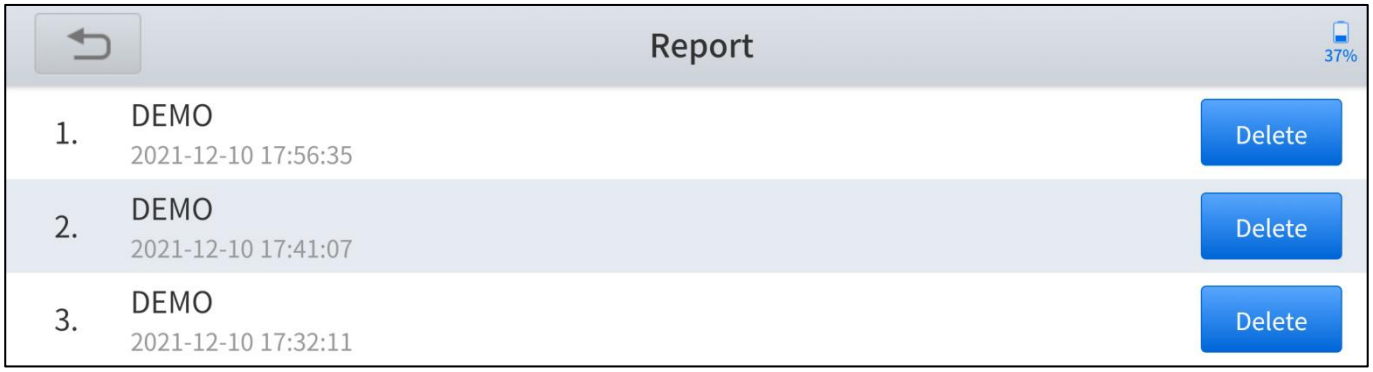


Figure 6-2 Diagnosis report list

Press the **Print PDF Report** button to generate the PDF file and open it with the installed app on your mobile device. You can easily view, share and print the reports.

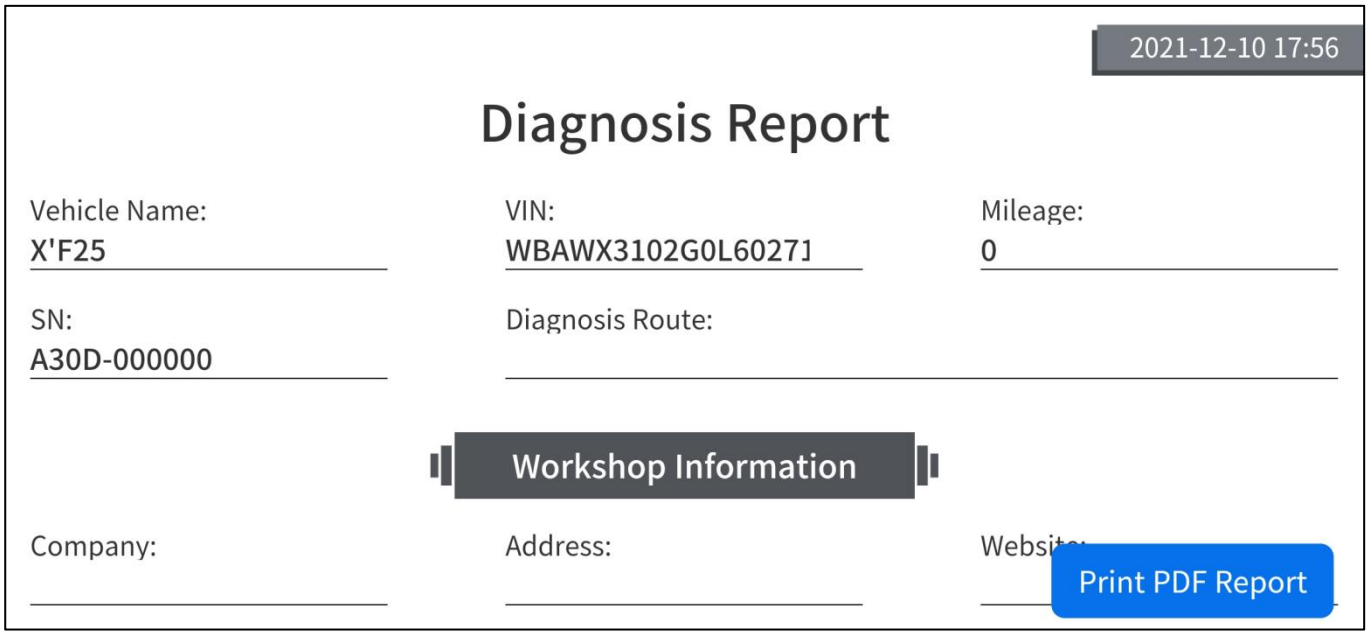


Figure 6-3 Sample of diagnosis report (PDF)

ⓘ The detailed information of Workshop Information can be filled in in the Setting.

6.2 DATA PLAYBACK

This function allows you to replay the Live Data recorded during the diagnosis process. The data will only be recorded when you have pressed the **Data Recording** button and valid data were shown when performing the Live Data function.



Figure 6-4 Data playback list

You can play/pause the video and swipe to view all the data recorded.



Figure 6-5 Sample of data playback

ⓘ The Data Playback videos cannot be extracted, and you can only play them within the App.

7 SETTING



Figure 7-1 Sample of the main menu screen

Click the **Setting** button to adjust the default settings and view the information of the Anyscan Wireless Scan Tool. There are several options available in the system setting:

- **Language**
- **Units**
- **Bluetooth**
- **Workshop Information**
- **VCI Information**
- **About**

7.1 LANGUAGE

The languages supported by the device are listed in Setting. The default language is set as English, if you need to switch to other languages, please contact the dealer to unbind the current language configuration and rebind it to the language configuration you need to switch. After the configuration is successfully changed, you can switch the target language.

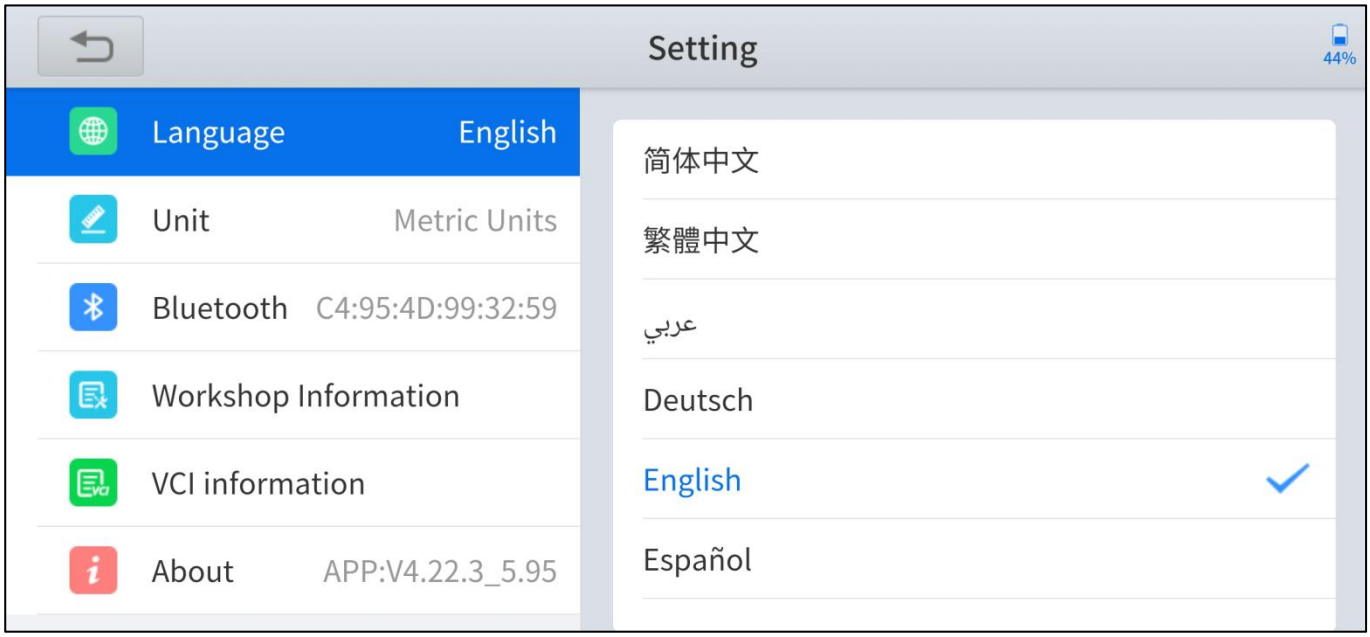


Figure 7-2 Language of setting

■ **How to change the language of your software?**

Step1: Contact your dealer and leave a message about the language you need and the S/N of your device, The technician will modify the language configuration for you in the backend system.

Step2: Settings->Language->Choose language

Step3: Back to **Updates** to update all the software again

7.2 UNITS

You can switch the units shown in the system on your preference. Anyscan provides you with Metric, Imperial, and U.S. units. You can directly click on the preferred units, after it switches successfully, a blue tick symbol will be shown behind that unit's name.

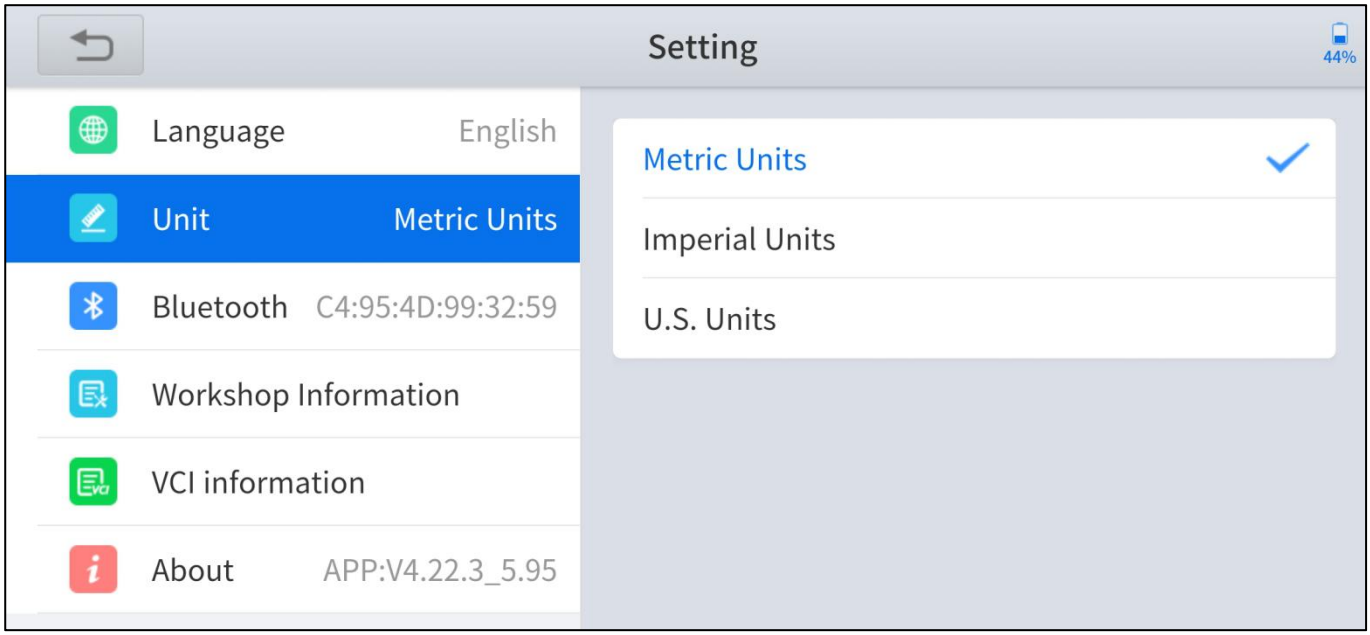


Figure 7-3 Units of setting

7.3 BLUETOOTH

You can check the Bluetooth connection status here. If you encounter any communication issues, please first check the Bluetooth status.

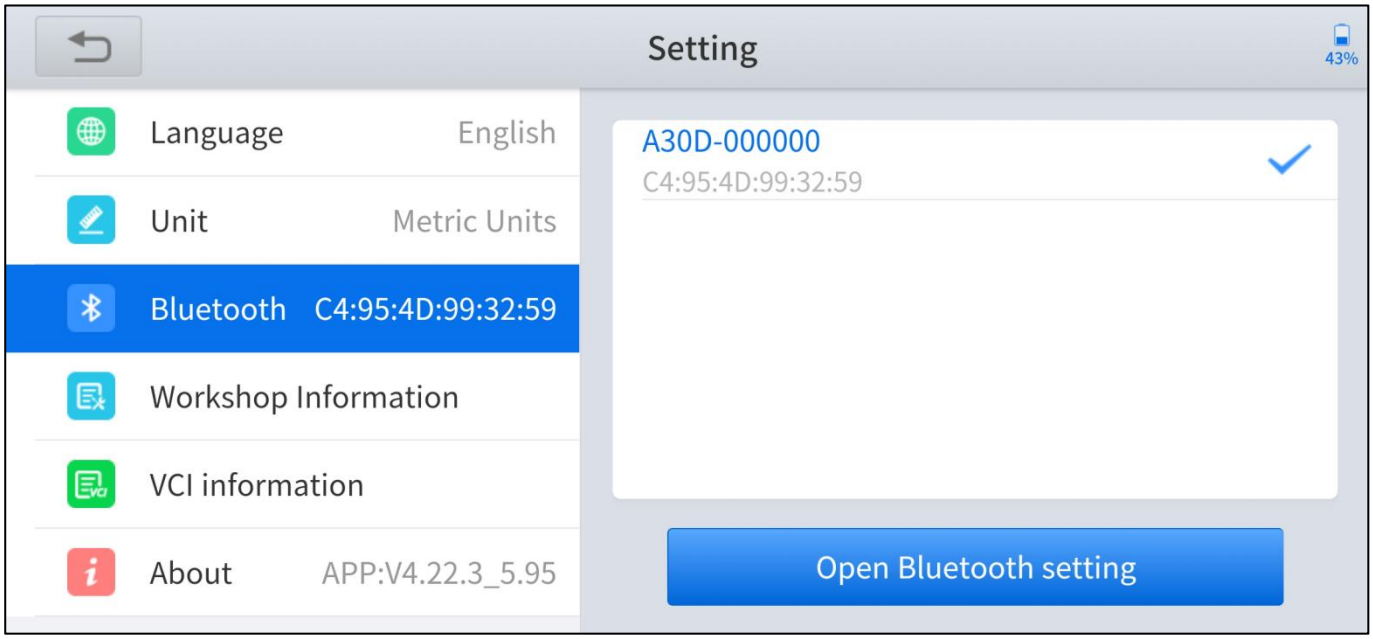


Figure 7-4 Bluetooth of setting

7.4 WORKSHOP INFORMATION

Click on **Workshop Information**, you can input your workshop information here. As shown in the figure below, you can fill in the valid information in the corresponding input boxes and click the **Submit** button. And then it will show your workshop information in the diagnosis report, including your company name, address, website, telephone, mailbox, and contact person.

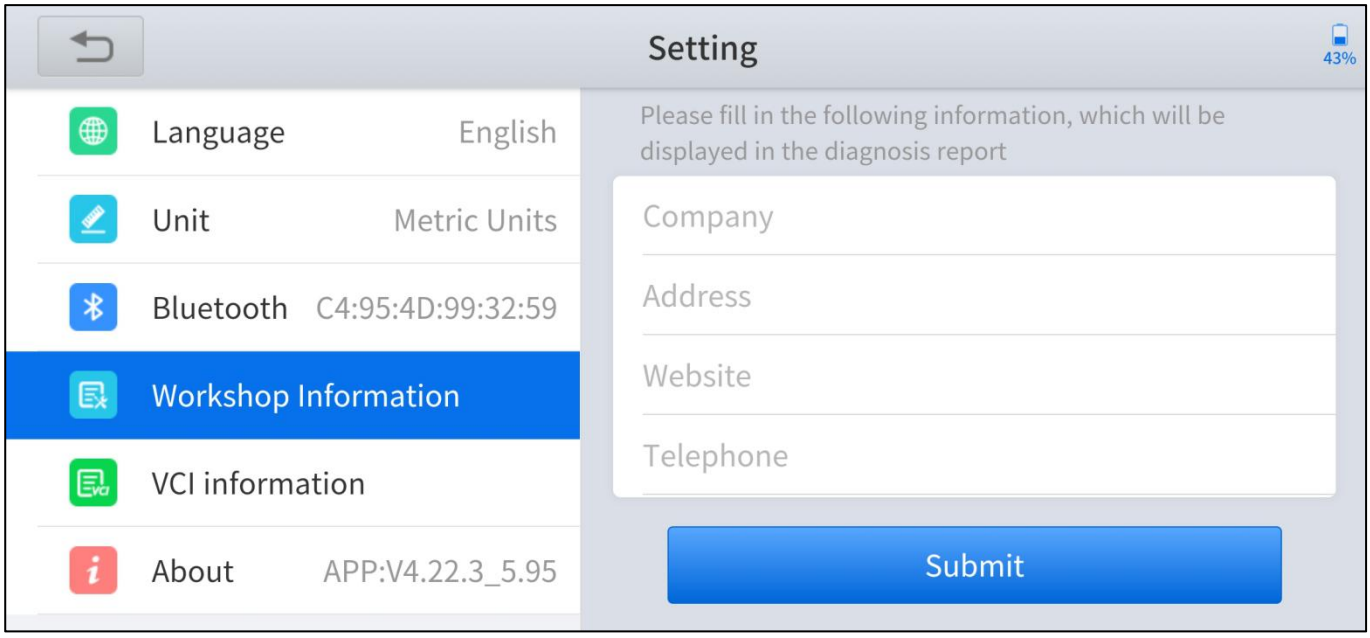


Figure 7-5 Workshop information of setting

7.5 VCI INFORMATION

You can view the VCI information here, including the VCI firmware name, the latest firmware version, the currently used firmware version, and the VCI firmware type. If the current firmware version is not the latest firmware version, you can choose to update your firmware version by clicking the **Update VCI Firmware** button.

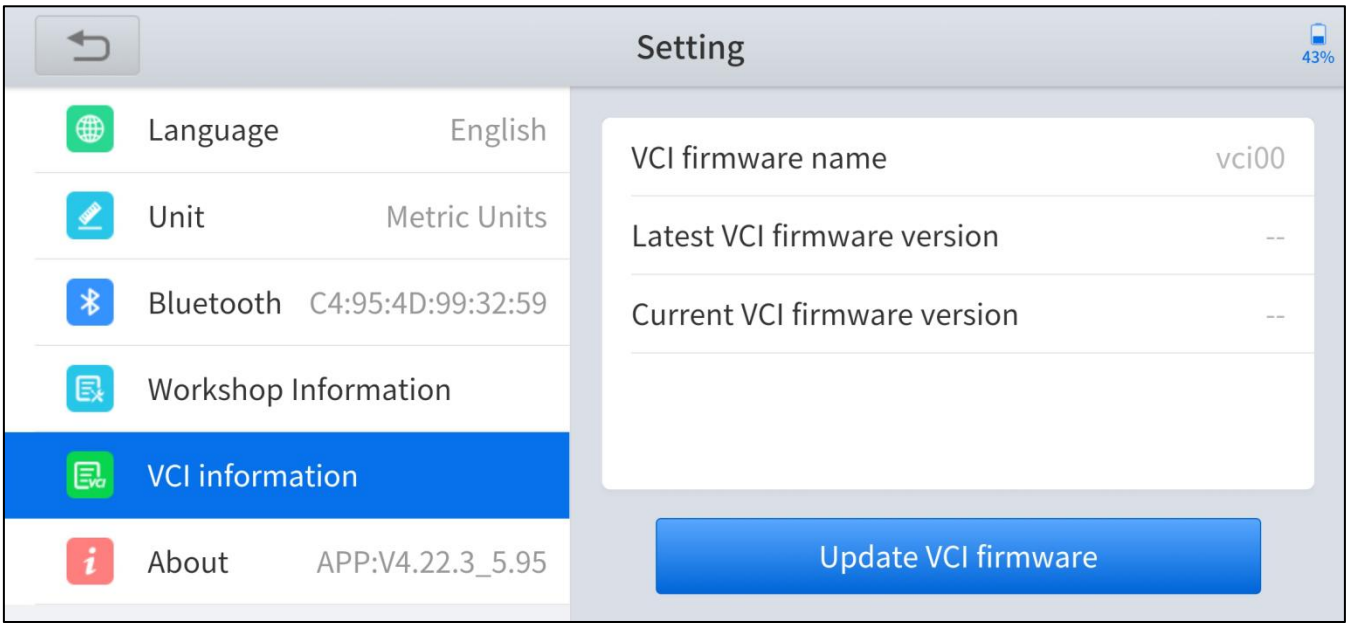


Figure 7-6 VCI information of setting

ⓘ You can only update the VCI firmware when you have finished the activation process, connected to the Bluetooth, and also the vehicle/power supply.

7.6 ABOUT

You can check the serial number and APP version here.

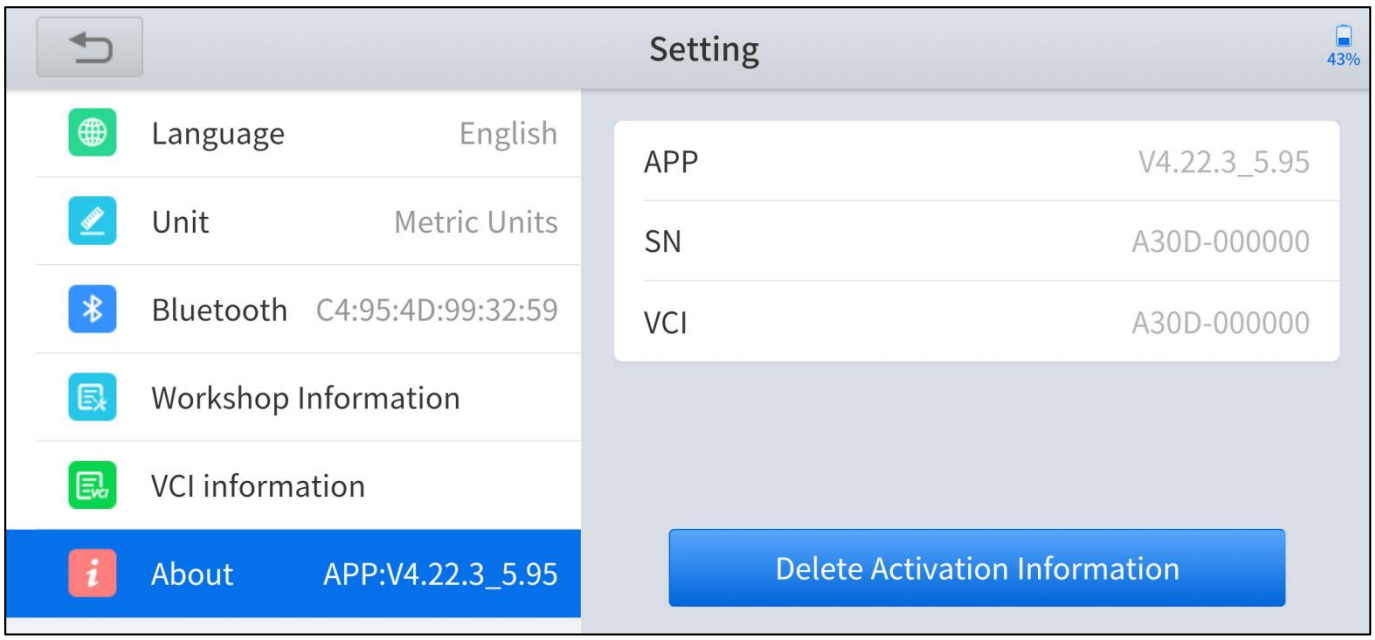


Figure 7-7 About of setting

8 FAQ

Q1: FAILED TO CONNECT BLUETOOTH

1. Please check whether the status of the indicator light of the Anyscan is working properly.
2. The Bluetooth indicator lights blue when the Bluetooth has successfully connected; the power indicator lights red when the Anyscan is connected to the vehicle or power supply properly; the vehicle indicator lights flash green when the Anyscan is successfully communicated with the vehicle. If the indicators do not light up, it means that there are hardware defects.
3. Anyscan can log in on multiple mobile devices at the same time, but only one device can be connected via Bluetooth at one time. If your device lights up in blue, but you fail to connect your device, please check whether your Anyscan is automatically paired with other mobile devices.
4. For Android users, the Bluetooth setting of OS will only pair the Anyscan device, but not actually connecting the Bluetooth, the Bluetooth indicator may not light up. You may need to connect the Bluetooth within the app, make sure that the Anyscan device is selected in the Bluetooth setting. Blue tick symbol should shown next to the selected device.

Q2: FAILED TO GENERATE DIAGNOSIS REPORT

1. Currently, only the diagnosis function supports the generation of diagnosis reports. No diagnosis reports will be generated after performing the special functions.

2. After entering the diagnosis menu, you need to perform specific functions before the system can generate a diagnosis report normally.
3. After executing the specific diagnosis function, you need to click the return button step by step to return to the main menu in order to generate the diagnosis report successfully.

Q3: FAILED TO EXTRACT FILES

- For Diagnosis Report

Click the **Print PDF Report** button in the diagnosis report, select the PDF reader to open the file, and the reader can send and save the PDF report. The diagnosis report is saved in the 'Diagnosis' folder on your mobile devices.

- For Data Playback video

The Data Playback videos are encrypted files and the extraction function is temporarily not supported.

Q4: HOW TO UPGRADE FIRMWARE

Click the **Update VCI firmware** button found in the **VCI Information** menu of **Setting** to manually update the firmware version of the device. Please be reminded you can only update the VCI firmware when you have finished the activation process, connected to the Bluetooth, and also the vehicle/power supply.

Q5: HOW TO GENERATE AND UPLOAD DIAGNOSTIC LOG FILES

The Anyscan will automatically generate and store the diagnostic logs. When the

device is connected to the Internet, it will automatically upload all the stored diagnostic logs to the backend system.

Q6: HOW TO SWITCH LANGUAGE

1. Contact your dealer and leave a message about the language you need and the S/N of your device, The technician will modify the language configuration for you in the backend system.
2. **Settings**->**Language**->Choose language
3. Back to **Updates** to update all the software again

Q7: FAILED TO DIAGNOSE VEHICLE

1. Contact your dealer to confirm whether the vehicle model is supported by the scan tool you owned.
2. Check whether the vehicle is properly connected. (The requirements may vary from brand or model, please follow the instructions displayed)
3. Confirm whether you have entered the correct diagnosis menu
4. Try whether the **AUTO SCAN** function can assist you to enter the correct diagnosis menu
5. Check whether the software is the latest version, if not, please update to the latest version first.

Q8: FAILED TO ACTIVATE OR REGISTER

- For ‘Activation Failed’

Generally caused by network instability, please switch to a more stable network and try to activate again.

- For ‘Registration Failed’

Generally, it is caused by the connection timeout or the sending timeout, please check whether you have blocked the outgoing network traffic to non-US regions like China. We recommend that you unblock and try to register again.

9 WARRANTY & SERVICES

LIMITED ONE YEAR WARRANTY

Shenzhen Xtooltech Intelligent Co., LTD.(the Company) warrants to the original retail purchaser of this XTOOL device that should this product or any part thereof during normal usage and under normal conditions be proven defective in material or workmanship that results in product failure within one year from the date of purchase, such defect(s) will be repaired, or replaced (with new or rebuilt parts) with Proof of Purchase, at the Company's option, without charge for parts or labor directly related to the defect(s).

The Company shall not be liable for any incidental or consequential damages arising from the use, misuse, or mounting of the device.

This warranty does not apply to:

1. Products subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation/repair or, improper storage;
2. Products whose mechanical serial number or electronic serial number has been removed, altered, or defaced;
3. Damage from exposure to excessive temperature or extreme environmental conditions;
4. Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;
5. Defects in appearance, cosmetic, decorative, or structural items such as

framing and non-operating parts;

6. Products damaged from external causes such as fire, dirt, sand, battery leakage, blown fuse, theft, or improper usage of any electrical source.

APPENDIX

The Anyscan App (from version v4.23.6) will not access the photos, contacts, messages on the mobile devices. Therefore, no related privacy issues will be involved. The access warning pop-up message is generated automatically by the mobile devices when Anyscan requests permission to access the storage. The access warning text and content may vary across the brands of the mobile devices. For example, Samsung devices will prompt as“Allow Anyscan to access photos, media, and files on your device?”.

Legal Statement and Privacy Right Policy

Reminders

Your trust is of great importance to us. We deeply understand the importance of user information security and will take security measures in accordance with laws and regulations to protect your user information to keep it secure and under control. Therefore, Shenzhen Xtooltech Intelligent Technology Co., Ltd.

(“we”) formulates this Legal Statement and Privacy Right Policy (this “Statement and Policy”) and reminds you that: Before using our services, please carefully read and thoroughly understand this Legal Statement and Privacy Right Policy and confirm that you have fully understood and agreed to this Statement and Policy before using relevant products or services. By using our services, you acknowledge that you accept and recognize the contents hereof.

If you have any questions, comments, or suggestions on the contents of this Statement and Policy, you may contact us via the online channel.

Definition

Personal Information: means all kinds of information, recorded electronically or otherwise, that is sufficient to identify a natural person on its own or in combination with other information, including but not limited to name, birth date, identification certificate number, personal biometric information, address, and telephone number of a natural person. The Personal Information referred to herein is your personal information that we collect, transmit, store, use and share for the purpose of providing services to you.

Business Data: means the data you upload, download, store, or process using your services that is different from Personal Information.

Legal Statement

1. Ownership of Rights

1.1. Our logo, ‘XTOOL’, ‘Anyscan’ and other texts, graphs and combination thereof, other marks and symbols of ours and our service names are the registered trademarks of ours and our Affiliates’ in China and other countries. Without our

written authorization, no one may display, use or otherwise process (including without limitation reproduce, disseminate, show, mirror, upload and download) any of the said trademarks in any way or represent to others that you have the right to display, use or otherwise process any of the said trademarks.

1.2. The intellectual property rights in all of our products, services, technologies and all applications (“Technical Services”) shall vest in us or their right owners.

1.3. Unless otherwise stated by us, all rights (including but not limited to the copyright, trademark right, patent right, trade secret and any other related rights) in, of and to all documents and other information (including but not limited to texts, graphs, pictures, photos, audios, videos, icons, colors, layout and electronic documents) published by us on our website are vested in us. Without our permission, no one may use the said information (including but not limited to monitoring, reproducing, rebroadcasting, displaying, mirroring, upload, and downloading any contents in our website via programs or devices). Where any person is authorized to browse, reproduce, print or disseminate any information on our website, such information shall not be used for commercial purposes and this statement of rights must be included when using all or any portion of the information.

2. Limitation on Liability

2.1. We hereby remind you that you shall abide by laws of the People’s Republic of

China in using our services, and you shall not endanger cyber security or utilize our services to engage in activities that infringe upon others' reputation right, privacy, intellectual property rights or other legitimate interests. Notwithstanding the aforesaid reminder, we will assume no liability for your purposes of using our services.

3. Protection of Intellectual Property Rights

We respect intellectual property rights and oppose and combat any infringement upon intellectual property rights. If any organization or individual believes that the contents of our client pages may infringe upon its/his/her legitimate interests, such organization or individual may issue a written notice of claims to us and we will deal with the same bylaw as soon as possible after receipt of applicable notice from the intellectual property right owner.

Privacy Right Policy

We respect and protect user information and will treat the same with the great duty of care. When you use our services, we will collect, process and disclose your personal information in accordance with this Privacy Right Policy. With this Privacy Right Policy, we intend to clearly introduce to you how we deal with your Personal Information.

Therefore, we advise you to read this Privacy Right Policy completely to

understand the means of protecting your privacy right.

If you have any questions, comments or suggestions, please contact us via the contact information we provide.

This Policy will help you understand the following:

1. Scope of Application

2. Collection and Use of User Information

3. Sharing, Transfer and Disclosure of User Information

4. User Information Management

5. Use of Cookie and Similar Technologies

6. Personal Information Security

7. Protection of Minors

8. Update of This Privacy Right Policy

9. How to Contact Us

1. Scope of Application

1.1. This Privacy Right Policy shall apply only to your use of our services, including the provision of network distribution, control and management of smart devices to you.

1.2. This Privacy Right Policy shall not apply to services provided by third parties to you. For example, this Privacy Right Policy shall not apply to the information you provide to a third party who relies upon our platform to provide services to you.

1.3 The Legal Statement and Privacy Right Policy is the general privacy right policy for Shenzhen Xtooltech Intelligent Technology Co., Ltd, and all the user rights and information security measures therein apply to our users. In case there is any discrepancy or conflict between the Legal Statement and Privacy Right Policy and this Privacy Right Policy, this Privacy Right Policy shall prevail.

2. Collection and Use of User Information

2.1. Member information

2.1.1. If you have registered any XTOOL account, you may log in to our services using that account. If so, the real-name information (name, phone number/email) you provide for the registration of XTOOL account will be synchronized with us.

2.2. Provision of Technical Services to you

Information provided by you to us includes:

2.2.1. The information you are requested to provide is subject to that listed on our web page. If you do not intend to use certain services, you are not required to provide relevant information.

Information collected by us during your use of the services

2.2.2. Device information: we will receive and record the information relating to the smart device you use in accordance with the authority you grant in the installation and use of the application (such as the information of the smart device the network distribution is completed by us, including device model, operating system version, device setting, unique device identifier and other Software and hardware characteristic information).

2.2.3. Log information: When you use the services provided by our website or client, we will automatically collect detailed information relating to your use of our services and save them as network logs, such as your searches, IP addresses, types of browsers, telecommunication service providers, languages, visit dates and times, and web pages visited by you.

Information provided by the service provider of the smart device when you use our services:

2.2.4. Smart device operating information (such as the information of operating mode, current temperature, current fan speed and current relative humidity of a smart air-conditioner).

2.2.5. Location information: When you turn on the positioning function and use services that are based on it, we will collect your location info, so that you do not need to manually enter your own geographic coordinates to obtain related services. We use various technologies for positioning, including IP addresses, GPS, and other sensors that can provide location info (including info of WLAN access points and base stations). You can turn off the positioning permission through system settings. You may not be able to use the related services or functions, or you may not be able to achieve the intended effects of the related services.

2.2.6. Please note that the device information or operating information alone is not sufficient to identify a certain natural person. If we combine such non-Personal Information with other information to identify a certain natural person or use the same in combination with Personal Information, then such non-Personal Information will be deemed as Personal Information during such combination, and we will anonymize and de-identify such Personal Information unless with your authorization or it is otherwise provided by laws and regulations.

2.3. We use the user information provided by you or collected by us for the

following purposes:

2.3.1. To provide you with services and maintain and improve such services;

2.3.2. To promote and introduce products to you to the extent permitted by laws and regulations;

2.3.3. We may use your Personal Information to prevent, identify and investigate fraud, any act endangering security, illegal activity, or any other act which breaches or violates any agreement, policy or rule with or of us or any of our Affiliates so as to protect the legitimate rights and interests of you, any of our other users, us or any of our Affiliates;

2.3.4. We may combine your information obtained from a certain service with information from any other service so as to provide you with services, personalized content and advice;

2.3.5. For any other purpose as permitted by you.

3. Sharing, Transfer and Disclosure of User Information

3.1 Sharing

We will not share your user information with any other organization or individual,

except in the following circumstances:

3.1.1. Sharing with express consent: We will share your user information with other parties with your express consent;

3.1.2. Sharing as required by laws: We may share your user information as required by laws, regulations, litigation or arbitration, or by an administrative or judicial authority in accordance with laws;

3.1.3. Sharing with authorized partners: As we may engage our trusted partners to provide services, we might share certain Personal Information with such partners in order to provide better customer service and optimize the user experience. We will only share your user information for the lawful, proper, necessary, specific and express purpose to the extent required for providing the services. Our partners have no right to use the shared user information for any other purpose.

Currently, the type of our authorized partners includes suppliers, service providers and others. We send the information to the suppliers, service providers and other partners who support our business by providing underlying Technical Services, consultation, analysis and other professional services.

We will conclude a strict confidentiality agreement and information protection agreement with the companies, organizations and individuals with whom we share user information to require them to treat user information in accordance with our

instruction, this Privacy Right Policy and any other relevant confidentiality and security measures.

3.2. Transfer

We will not transfer your user information to any company, organization or individual, except in the following circumstances:

3.2.1. Transfer with express consent: We will transfer your user information to other parties upon obtaining your express consent;

3.2.2. In case of any acquisition, merger or insolvency liquidation, or other circumstances involving merger, acquisition or insolvency liquidation, of us with any other legal entity, if the transfer of user information is involved, we will require the new company, organization or individual in possession of your user information to continue to be bound by this Policy, or we will require such company, organization and individual to obtain your authorization and consent again.

3.3 Disclosure

We will disclose your user information only under the following circumstances:

3.3.1. We may disclose your user information with your express consent or at your voluntary option;

3.3.2. In order to protect the personal and property safety of our platform, our Affiliates or the public, we may disclose your user information in accordance with applicable laws or your relevant agreements or rules.

3.4. Exceptions to obtaining prior authorization and consent for sharing, transfer and disclosure of user information Your user information may be shared, transferred or disclosed without your prior authorization and consent under any of the following circumstances:

3.4.1. National security and national defense security are involved;

3.4.2. Public security, public health or major public interests are involved;

3.4.3. Criminal investigation, prosecution, judgment and enforcement are involved;

3.4.4. For the purpose of protecting your or other individual’s life, property and other major lawful rights and interests, where it is hard to obtain your prior consent;

3.4.5. The Personal Information is disclosed voluntarily by you to the public;

3.4.6. The Personal Information is collected from the information disclosed through lawful public channels, such as lawful news reports or information disclosure by the government.

4. User Information Management

4.1. You may log in to the “administrator page” of our client to inquire and administrate (change or delete) the basic business information (house area, family status, and house address) and family member information submitted by you for the use of our services.

4.2. You may submit a request for deletion of user information to us under any of the following circumstances:

4.2.1. Our user information processing violates any law or regulation;

4.2.2. We collect or use your user information without your express consent;

4.2.3. Our Personal Information processing materially breaches the agreement with you.

For the purpose of security, you may be required to provide a written request or to otherwise identify yourself. We may ask you to identify yourself before processing your request.

5. Use of Cookie and Similar Technologies

5.1. In order to ensure the normal operation, provide you with a more convenient visit experience and recommend contents that may be of interest to you, we will store small data files named “cookie” on your client. Cookies usually contain identifiers, site names and certain numbers and characters. We can only read the cookies provided by us.

5.2. Cookies are able to store your preference. When you visit our website next time, we will be able to display the information you need.

5.3. You may manage cookies according to your preference or clear all cookies stored on your mobile device. However, if you do so, you need to change the user setting each time you visit our website.

5.4. In addition to cookies, we will use beacon, pixel tag and other similar technologies on our website.

6. User Information Security

6.1. We attach great importance to the security of your information. We endeavor to take all kinds of physical, electronic and administrative security measures to protect your use information from unauthorized access, disclosure, use, manipulation, damage or loss. We will use encryption techniques to improve the security of user information, use trusted protection mechanisms to protect user-information from malicious attacks, deploy access control mechanism to

ensure the user-information is accessible only to authorized personnel to the maximum extent possible, and hold training sessions about security and privacy protection to enhance our employee's awareness of the importance of user information protection.

6.2. We will take reasonable and practical measures to avoid collecting irrelevant and unnecessary user information to the maximum extent possible. We will retain your user information only for the period as is necessary to achieve the purposes outlined in this Policy unless it is agreed by you and us to prolong the retention period or permitted by law. Upon the expiration of such retention period, we will delete or anonymize your Personal Information.

6.3. Upon the occurrence of any user information security incident (such as disclosure or loss), we will, in accordance with the requirements of laws and regulations, notify you of the following matters: basic information and possible influence of such security incident, handling measures we have taken or will take, suggestions on how you may prevent or reduce risks on your own, and remedies to be taken for you. We will notify you of the relevant information of such incidents through email, letter, phone, and push notification. If it is difficult to notify each user information subject one by one, we will publish the announcement reasonably and effectively.

6.4. In addition, we will also report the handling of user information security incidents according to the requirements of regulatory authorities.

6.5. If the operation of our products or services stops, we will take reasonable measures to protect your user information security, including timely stop further collection of your user information, sending you a notice thereof on a personal basis or in the form of an announcement, and deleting or anonymizing your Personal Information held by us.

6.6. If we intend to use your user information for any purpose other than those specified when we collect the same or beyond the scope that is directly or reasonably relevant, we will inform of you the same again and obtain your express consent.

7. Protection of Minors

We attach importance to the protection of the Personal Information of minors. If you are a minor, we suggest that you ask your guardian to read this Privacy Right Policy carefully, and you may use our services and/or provide us with information subject to the consent of your guardian.

8. Update of This Privacy Right Policy

8.1. There might be modifications of this Privacy Right Policy.

8.2. Without your express consent, we will not restrict the rights you are entitled to

under this Policy. We will publish any modification of this Policy on a specific web page.

8.3. With respect to material modifications, we will also provide a more noticeable notice (with respect to certain services, we will give notice in the form of an announcement to specify the modifications of this Policy in detail).

8.4. Material change herein includes but is not limited to:

8.4.1. Material change of our service mode, such as the purpose of processing user information, the type of user information we process and the way in which we use user information;

8.4.2. Material change of control and organizational structure, such as the change of owner due to business adjustment or bankruptcy buyout;

8.4.3. Change of the main subject to whom the sharing, transfer or disclosure of user information is made;

8.4.4. Material change of your rights relating to the participation of user information processing or the exercise manner thereof;

8.4.5. Change of our department responsible for the security of user information processing, its contact information or complaint channel;

8.4.6. High risk is indicated in the user information security impact assessment report.

9. How to Contact Us

If you have any questions or comments on the contents of this Statement and Policy or the practice of this Privacy Right Policy, you may contact us via the online channel.

Shenzhen Xtooltech Intelligent Co., Ltd

Company address: 17&18/F, Building A2, Creativity City, Liuxian Avenue, Nanshan District, Shenzhen, China

Factory address: 2/F, Building 12, Tangtou Third Industrial Zone, Shiyan Street, Baoan District, Shenzhen, China

Service-Hotline: 0086-755-21670995/86267858

Email: marketing@xtooltech.com

supporting@xtooltech.com

Fax: 0755-83461644

Website: www.Xtooltech.com