

User Manual

F520-TPMS Diagnostic Tool



High-efficiency Smart Portable

*Please read this manual in full before use

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 Before operating or maintaining this unit, please read this manual carefully, paying extra attention to the safety warnings and precautions.



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Safety Information

For your own safety and the safety of others, and to prevent damage to the device and vehicles upon which it is used, it is important that the safety instructions presented throughout this manual be read and understood by all persons operating or coming into contact with the device.

There are numerous procedures, techniques, tools, and parts required for servicing vehicles, as well as the skills of the person doing the work. Because of the vast number of test applications and variations in the products that can be tested with this equipment, we cannot possibly anticipate or provide advice or safety messages to cover every circumstance. It is the automotive technician's responsibility to be knowledgeable of the system being tested. It is crucial to use proper service methods and test procedures. It is essential to perform tests in an appropriate and acceptable manner that does not endanger your safety, the safety of others in the work area, the device being used, or the vehicle being tested.

Before using the device, always refer to and follow the safety messages and applicable test procedures provided by the manufacturer of the vehicle or equipment being tested. Use the device only as described in this manual. Be sure to read, understand, and follow all safety messages and instructions in this manual.

Safety Instructions

The safety messages herein cover situations Xtool is aware of at the time of publication. Xtool cannot know, evaluate or advise you as to all of the possible hazards. You must be certain that any condition or service procedure encountered does not jeopardize your personal safety.

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1. Safety Precautions

·This manual contains the equipment operating instructions.

·Some illustrations in this manual may show modules or optional equipment not included in your system. Please contact your sales representative for information or purchase.

·Notes and Precautions

Note:

This section provides supplementary instructions, operational tips, and recommendations to enhance user experience and system performance.

·Precautions:

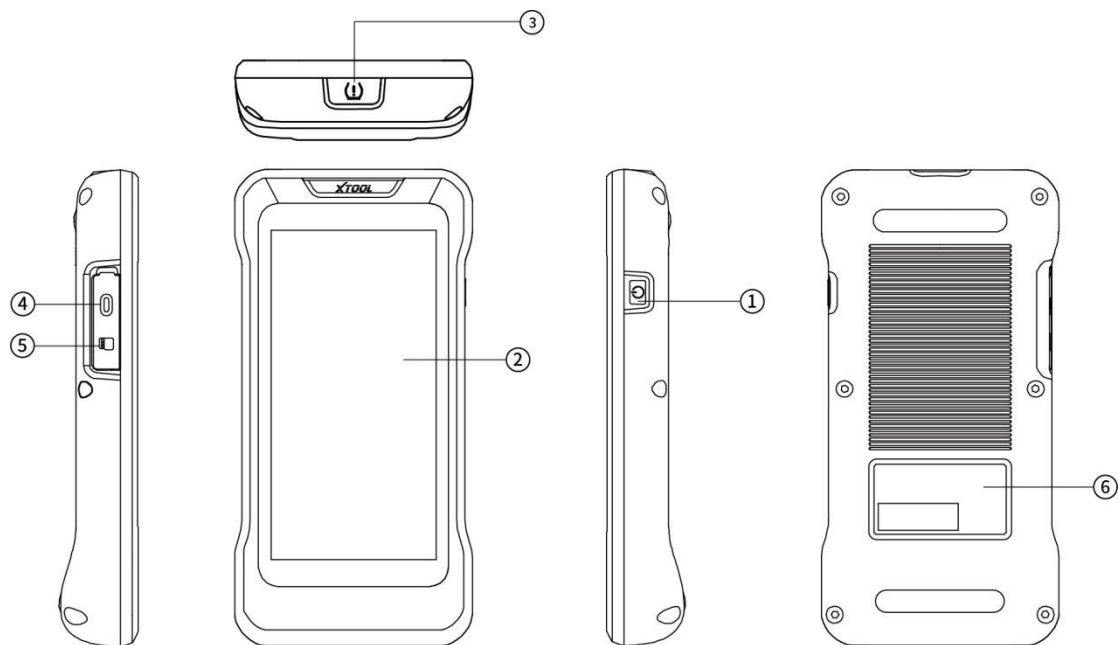
This section highlights critical situations that must be avoided to prevent damage to diagnostic equipment or vehicle systems.

·Illustrations

The illustrations in this manual are for reference only. Actual test interfaces may vary depending on the vehicle under diagnosis. Always observe menu titles and on-screen prompts to ensure correct selections.

2. GENERAL INTRODUCTION

2.1 Description



Illustrations may differ from actual product. Refer to actual product for exact specification

① Power Button

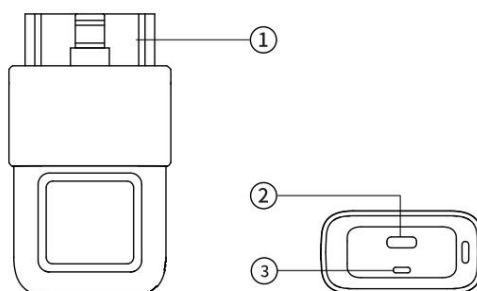
② Touch-Screen

③ Sensor activation area

④ Type-C Port

⑤ SD card Slot

⑥ Nameplate



① OBD Port

② Type-C Port

③ Indicator Light

Indicator light instructions

The green light stays on continuously: Power is connected, but not linked to the device host.

The green light is flashing: VCI firmware update

The blue light stays on continuously: The device is connected but not communicating with the vehicle.

The blue light is flashing: The device is successfully connected and communicating with the vehicle.

The red light is flashing: VCI fault

2.2 Equipment Specifications

2.2.1 Tablet Specifications

Project	Specifications
Screen	720*1440 5.45" touch screen
Operating Temperature	-10℃~50℃
Storage Temperature	-40℃~70℃
Dimension	179.9mm*89.7mm*30.07mm
Weight	0.35kg(0.77lb)

2.2.2 Slave Device Specifications

Project	Specifications
Operating Temperature	-10℃~50℃
Storage Temperature	-40℃~70℃
Dimension	70mm*50mm*36mm
Weight	0.07kg (1.70lb)

2.3 Battery & Charge

·Use a USB cable to connect to a PC and charge the battery.

·Charge the battery using a Power charger:

1. Locate and open the protective cover on the device's USB port.
2. Use the USB cable adapter to connect the device and the power supply.

·To maintain the optimal performance of the product, please fully charge it each time. It is recommended that you charge it for at least 2 hours before the first use.



Warning:

- 1) Only use the USB cable adapter provided in our accessories to charge this device. Damage to the product or malfunction caused by using an unapproved power source is not covered by our warranty.
- 2) This product is equipped with a built-in 4500mAh/3.6V lithium-ion polymer rechargeable battery. The battery can be recharged repeatedly, but please note that as a consumable component, prolonged use will gradually reduce the device's standby time. To extend battery lifespan, avoid frequent recharging.

3. Product Use

3.1 Product Activation

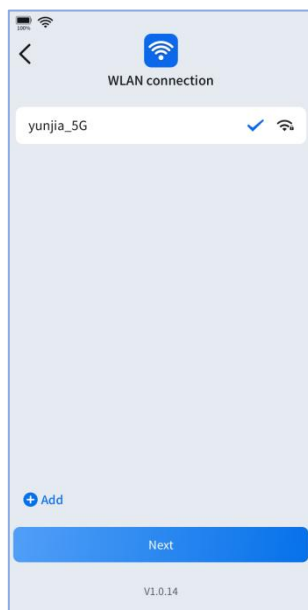
For the first use, you need to activate and initialize the device. Simply follow the system prompts to complete the activation and initialization process. Upon successful activation, a confirmation message will be displayed.

1. Select Device Language (Figure 1).



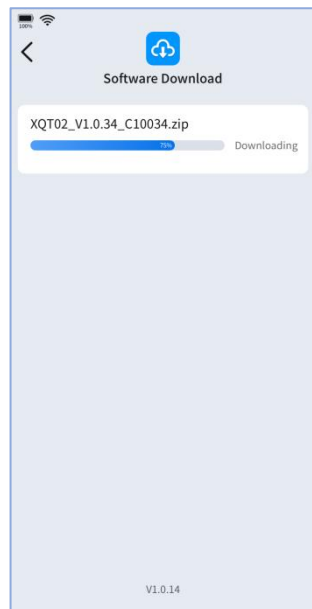
(Figure 1)

2. Connect to Wi-Fi Network (Figure 2).



(Figure 2)

3. After the device successfully connects to the network, tap [Next] to download (Figure 3) and install (Figure 4) the software package.

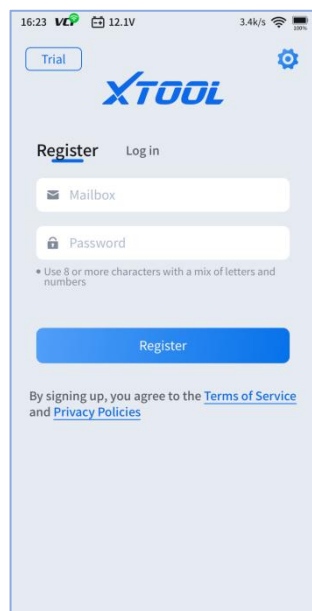


(Figure 3)

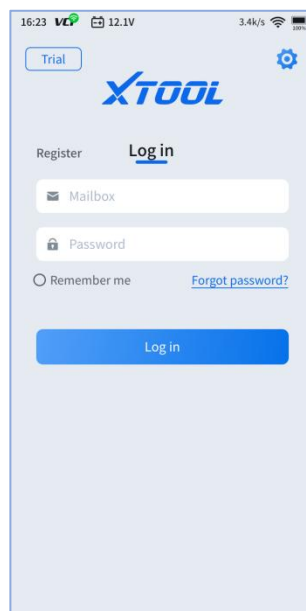


(Figure 4)

4. Proceed to [Register] (Figure 5)/[Log in] (Figure 6) After Download Completes.

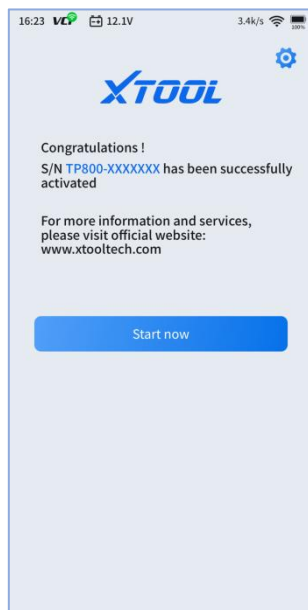


(Figure 5)



(Figure 6)

5.Product Successfully Activated (Figure 7)。



(Figure 7)

3.2 Device Connection

Icons	Description
	The device is connected to the network.
	The VCI has been connected to the tire pressure diagnostic device.
	The VCI is not connected to the tire pressure diagnostic device.

3.3 Application Button

Button	Description
 TPMS	Access the tire pressure system for diagnosis; for details, refer to "Tire Pressure Monitoring" on page 9.

 OE Query	Query the information of OE number. For details, refer to "OE Query" on page 22.
 Sensor Test	Activate the sensor and read the information stored inside it. For details, refer to "Sensor Test" on page 27.
 TPMS Toolbox	This menu includes the key frequency detection function; For details, refer to "TPMS Toolbox" on page 28.
 Test Records	View all test records; For details, refer to "Test Records" on page 39.
 Updates	Provide upgrade and update services; For details, refer to "Updates" on page 32.
 Diagnosis	Select vehicle modules for information reading and diagnosis; For details, refer to "Diagnosis" on page 34.
 Auto Scan	Identify the vehicle. For details, please refer to "Auto Scan" page 37.
 Special Functions	Provide multi-module special functions; For details, refer to "Special Functions" on page 38.
 OBD II	Select the communication protocol to diagnose the diagnostic system; For details, refer to "OBD II" on page 51.
 Report Center	View your personal account; For details, refer to "Report Center" on page 52.
 Settings	Access the system's general settings menu; For details, refer to "Settings" on page 53.

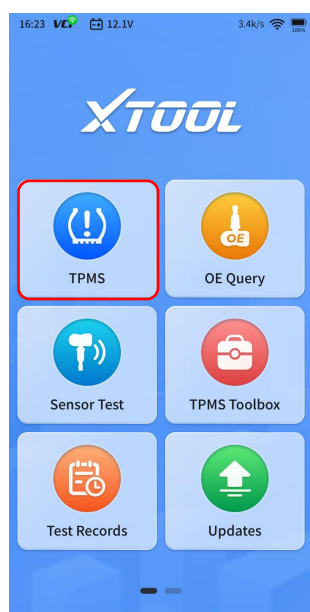
4. Function Introduction

4.1 TPMS

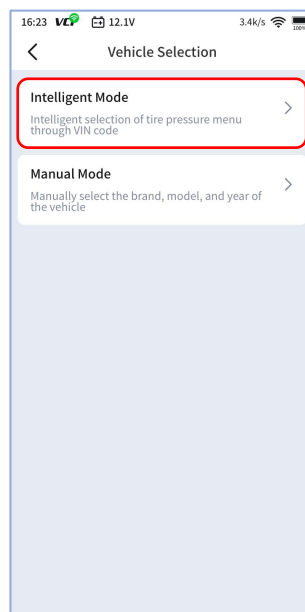
Access the [tire pressure monitoring] option on the homepage to perform basic tire pressure system monitoring functions (activating tire pressure sensors, diagnosing the tire pressure system, programming tire pressure sensors, viewing learning procedures and sensor information).

4.1.1 Intelligent Mode (Vehicle Recognition)

1. Turn on the device, click [TPMS] (Figure 1) to enter the vehicle selection interface. Select [Intelligent Mode] (Figure 2).



(Figure 1)

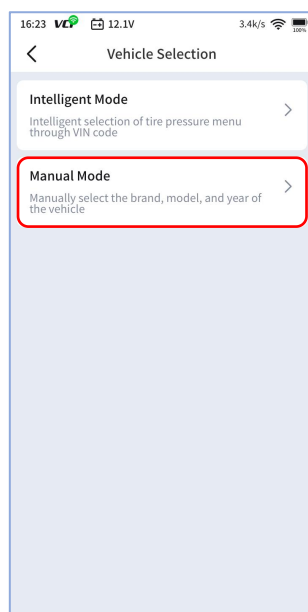


(Figure 2)

2. After confirming that the ignition switch is turned on and the tire pressure device is connected to the VCI normally, wait for the VIN to be read.

4.1.2 Manual Mode(Vehicle Recognition)

1. Turn on the device, click [TPMS] to enter the vehicle selection interface. Select [Manual Mode] (Figure 3).



(Figure 3)

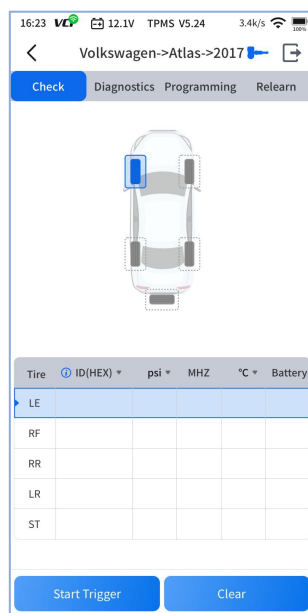
2. Vehicle selection: Market region → Brand → Model → Year of manufacture. (Figure 4)



(Figure 4)

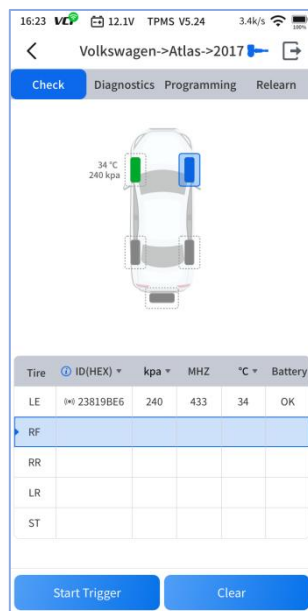
4.2 Trigger the sensor

1. Select the [Check] interface (Figure 1).



(Figure 1).

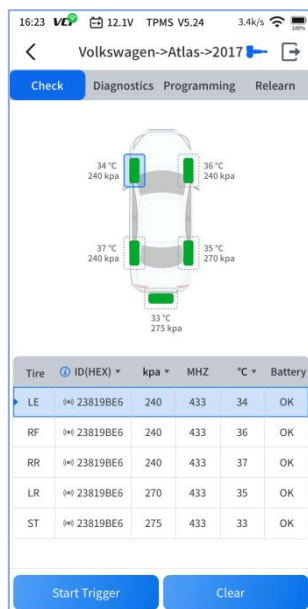
2. Hold the device close to the sensor of the highlighted wheel in the device test interface (usually located at the valve), and click [Start Trigger] to activate it (Figure 2).



(Figure 2)

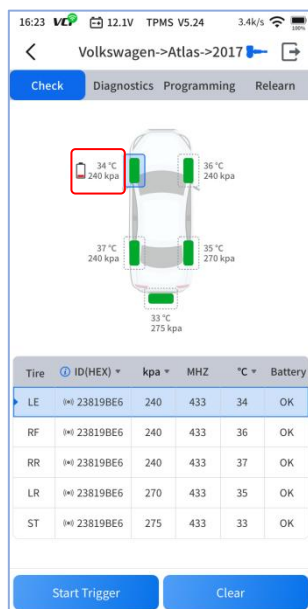
3. After successfully activating the sensors, information of all activated sensors will be displayed (Figure 3).

※ If any sensor fails to activate, please repeat the activation procedure according to the device prompts.



(Figure 3).

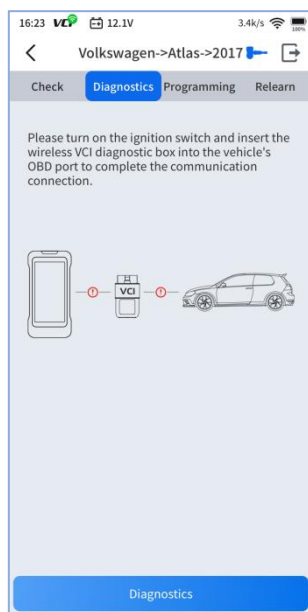
4. If the sensor battery is low, a low-battery icon will be displayed (Figure 4).



(Figure 4).

4.3 TPMS Diagnostic

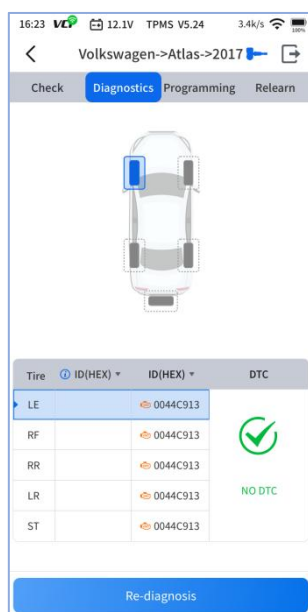
1. Select the [Diagnostics] interface (Figure 1). Turn on the vehicle's ignition switch, and insert the wireless slave VCI diagnostic box into the vehicle's OBD port (usually located under the steering wheel) to complete the communication connection.



(Figure 1)

2. After the VCI completes the communication connection, click [Diagnose] to acquire data and perform fault diagnosis. The device will display the information of all vehicle sensors and read whether there are fault codes (Figure 2).

※ If communication fails, please check whether the connection is secure, whether the vehicle's ignition switch is turned on, or whether the vehicle model is supported, then repeat the operation.

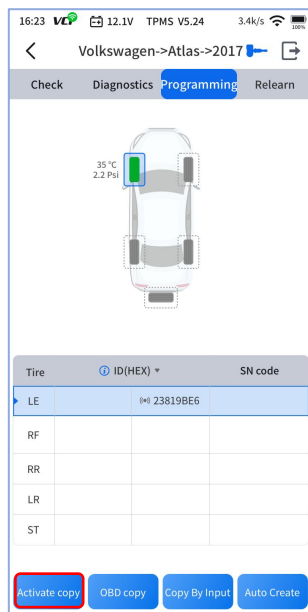


(Figure 2)

4.4 Program the sensor

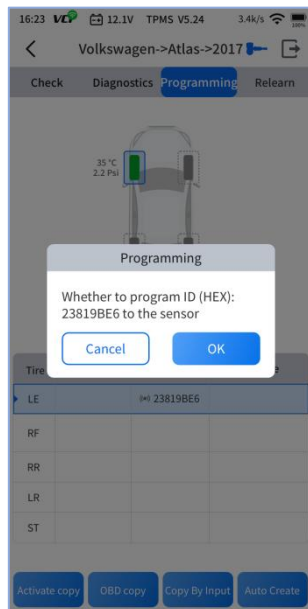
4.4.1 Activate Copy

1. Enter the [Programming] page (Figure 1), select the tire pressure sensor to be programmed, hold it close to the upper end of the device, and click the [Activate Copy] option.



(Figure 1)

2. Select the sensor ID of the originally tested vehicle that has been activated to perform copying (Figure 2).



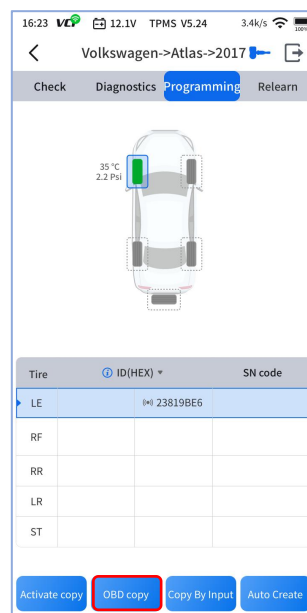
(Figure 2)

3. After completing the scan, the detected sensor SN numbers will be displayed. Select the corresponding SN number and proceed to programming.

4. Complete the sensor programming.

4.4.2 OBD Copy

1. Enter the [Programming] page (Figure 1), select the tire pressure sensor to be edited, hold it close to the upper end of the device, and click the [OBD Copy] option.



(Figure 1)

2. Follow the device instructions to connect the device to the OBD diagnostic socket of the test vehicle for communication.

※ If communication fails, please retry starting from the [Programming] interface (Figure 1).

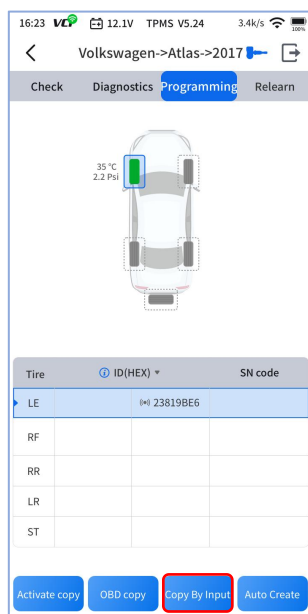
3. After the communication is completed, the sensor SN numbers of the test vehicle will be displayed. Select the corresponding SN number and click [OBD Copy] to perform programming.

4. Complete the sensor programming.

4.4.3 Copy By Input

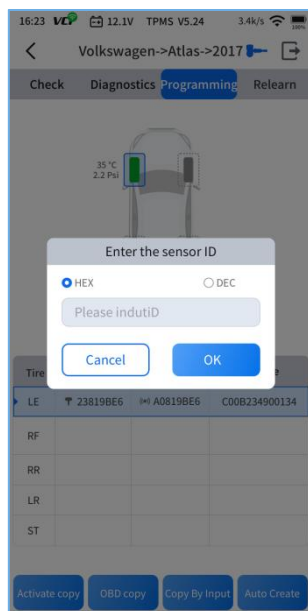
1. Enter the [Programming] page (Figure 1), select the tire pressure sensor to be edited, place it close to the upper end of the device, and click the [Copy By Input] option.

※Manual ID input only supports operation on one sensor at a time.



(Figure 1)

2. After completing the scan, enter the ID editing interface (Figure 2), confirm the ID format, and then customize the ID.



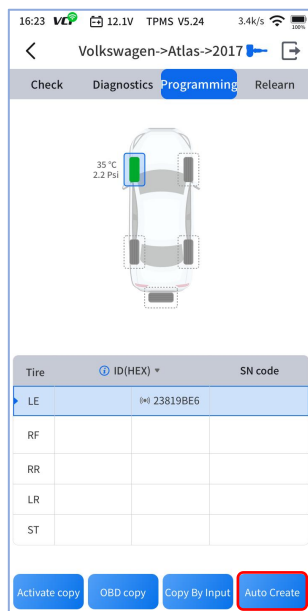
(Figure 2)

3. After entering the ID, write this ID into the sensor.

4. Complete the sensor programming.

4.4.4 Auto Create

1. Enter the [Programming] page (Figure 1), select the tire pressure sensor to be edited, place it close to the upper end of the device, and click the [Auto Create] option.

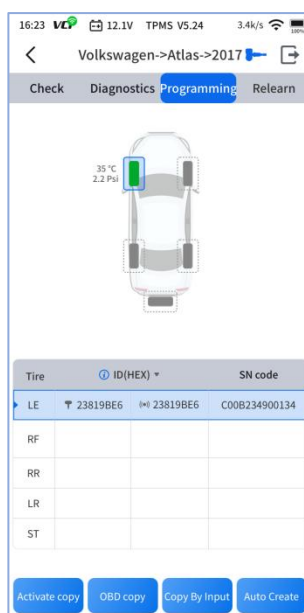


(Figure 1)

2. After completing the scan (Figure 2), the detected sensor SN number will be displayed. Select the corresponding SN number for programming (Figure 3).

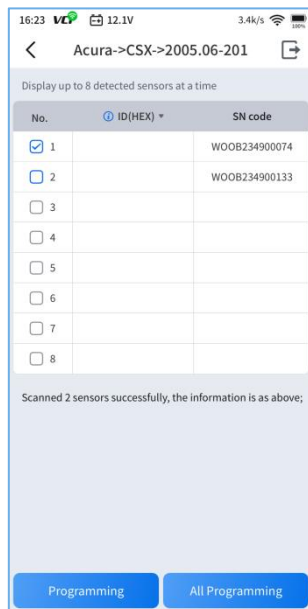


(Figure 2)



(Figure 3)

3. This function also supports programming multiple sensors simultaneously. When multiple sensors are within the sensing range of the device, it will jump to the interface as shown in (Figure 4). Select the sensors to be programmed or select all scanned sensors, then click [Programming/All Programming] to perform the programming.



(Figure 4)

4. After the progress is completed, the device has written the automatically generated ID into the target sensor (Figure 5).

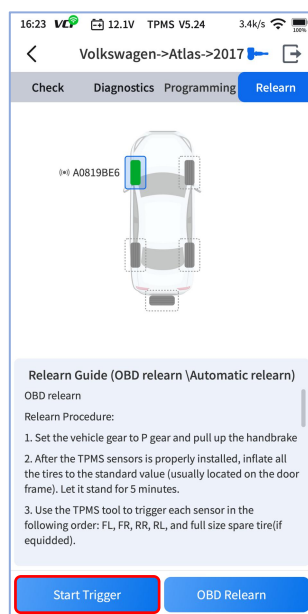


(Figure 5)

4.5 Relearn

4.5.1 OBD Relearn

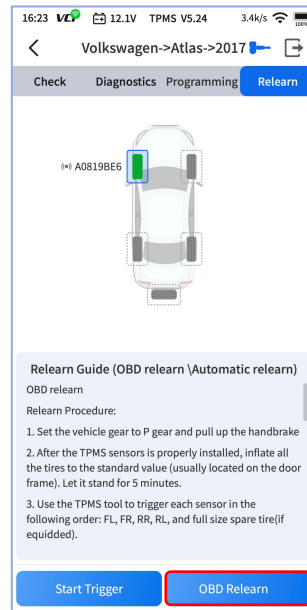
1. Select the [Relearn] interface (Figure 1), set the vehicle gear to P (Park), and pull up the handbrake.
2. On the TP800, select the sensor, click [Start Trigger], and activate each sensor in sequence according to the order of left front, right front, right rear, left rear, and spare tire (if available) (Figure 1).



(Figure 1)

3. After installing the tire pressure sensors, inflate all tires to the standard pressure (usually found on the door frame), and keep the vehicle stationary for 5-10 minutes.

4. Connect the TPMS tool to the vehicle's OBD interface, turn on the ignition switch, and click [OBD Learning] (Figure 2).

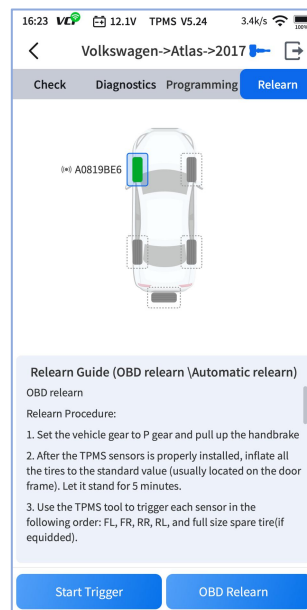


(Figure 2)

5. Turn off the ignition switch and then turn it on again. Drive at a speed higher than 30km/h for more than 10 minutes to ensure the tire pressure warning light goes off.

4.5.2 Automatic Relearn

1. Select the [Learning] interface (Figure 1). Inflate all tires to the standard pressure (usually found on the door frame) and pull up the parking brake.



(Figure 1)

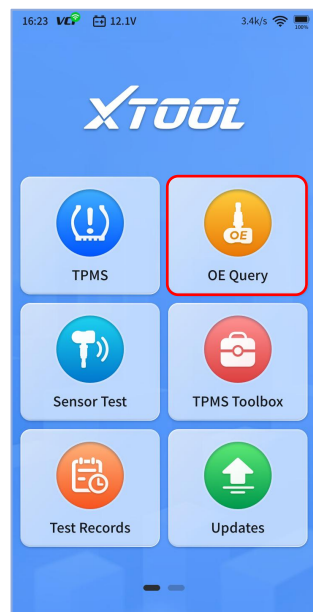
2.The vehicle must remain stationary for 20 minutes to allow the control module to enter learning mode.

3.Drive the vehicle at a speed of 25-100km/h to learn the sensor ID.Reset the tire pressure value:

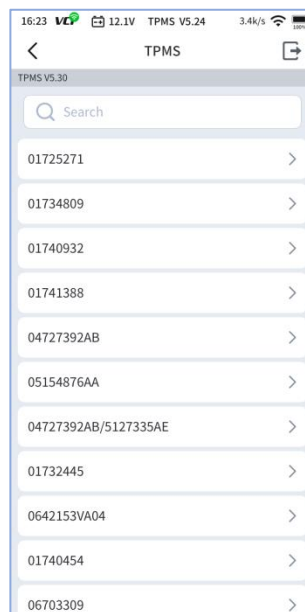
- ① Inflate all tires to the standard pressure (usually found on the door frame), pull up the parking brake, and then turn on the ignition switch (with the engine off).
- ② Press and hold the 'Set (or ESP)' button (located near the gear shifter) until a prompt tone sounds, indicating that the learning is completed.

4.6 OE query

1. Turn on the device, select [OE Query] (Figure 1), and enter the OE number list (Figure 2).



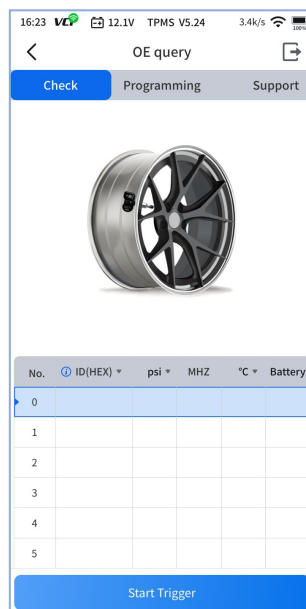
(Figure 1)



(Figure 2)

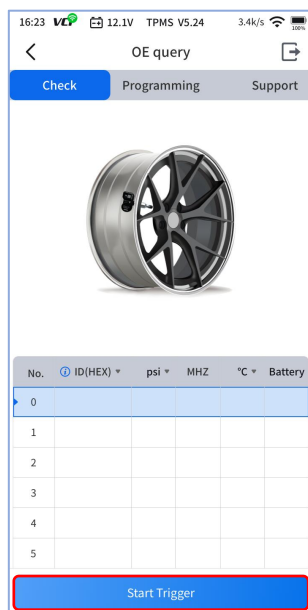
4.6.1 Trigger the sensor

1. After completing the selection of the OE number, you will be redirected to the 'Check' interface (Figure 1).



(Figure 1)

2. Select the ID and click [Start Trigger] to trigger the sensor (Figure 2).

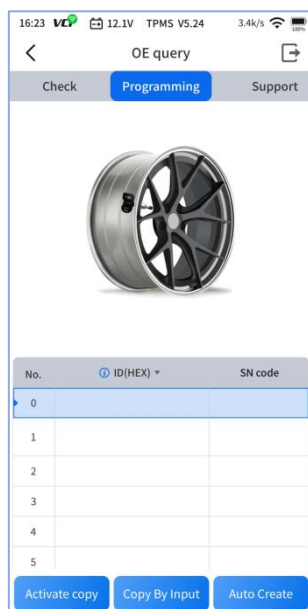


(Figure 2)

3. Complete the activation of the sensor.

4.6.2 Program the sensor

Click [Programming] to enter the ID selection interface (Figure 1).



(Figure 1)

4.6.2.1 Activate Copy

1. Bring the device close to the sensor to be programmed. After the scan is completed, the sensor SN number of the test vehicle will be displayed.

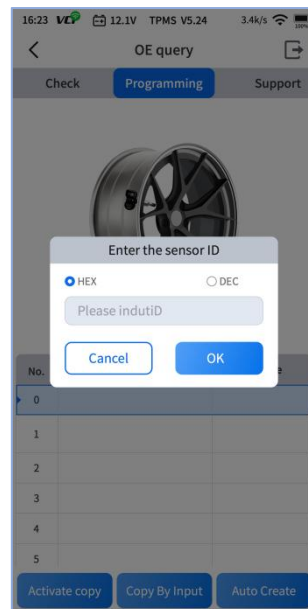
2. Select the corresponding sensor SN number, click [Activate Copy], and enter programming.

3. Complete the writing of the programming.

4.6.2.2 Copy By Input

1. Bring the device close to the sensor to be programmed. After communication is completed, select the SN code of the sensor to be programmed.

2. Click [Copy By Input], confirm the ID format, and then customize the ID (Figure 1).



(Figure 1)

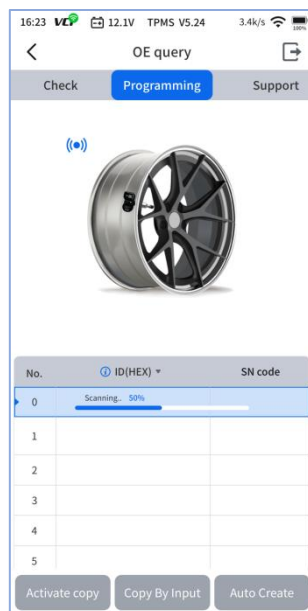
3. After entering the ID, write this ID into the sensor to start programming.

4. Complete the sensor programming.

4.6.2.3 Auto Create

1. Bring the device close to the sensor to be programmed. After the communication is completed, select the SN - code of the sensor to be programmed.

2. Click [Auto Create] to scan the sensor and automatically create an ID to write into the sensor (Figure 1).



(Figure 1)

3. This function also supports programming multiple sensors simultaneously, and the specific operation process is consistent with that of 4.4.4 Auto Create.

4. Complete the sensor programming.

4.6.3 Support

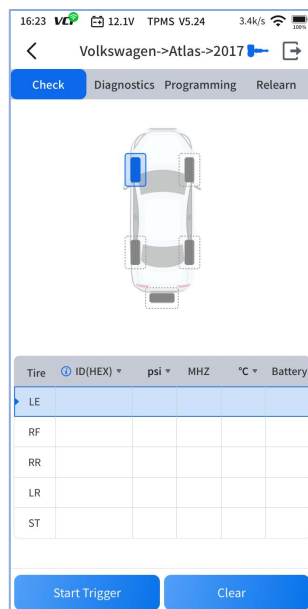
1. Select [Support] to jump to the interface corresponding to the vehicle model of the OEM sensor. (Figure 1).



(Figure 1)

2. Select the vehicle model and click [Enter Vehicle] to enter the interface of the **4.1 TPMS** function (Figure 2).

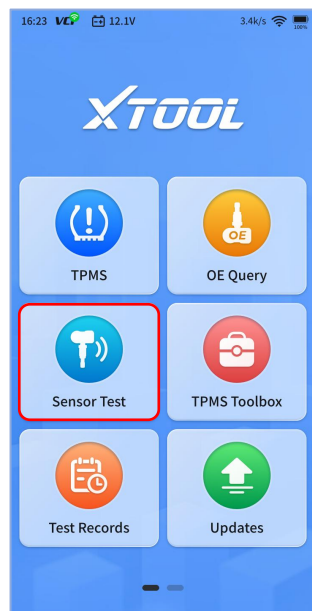
※The function is the same as that of **4.1**.



(Figure 2)

4.7 Sensor Test

1. Turn on the device, click [Sensor Test] (Figure 1), and switch to the sensor detection interface (Figure 2).



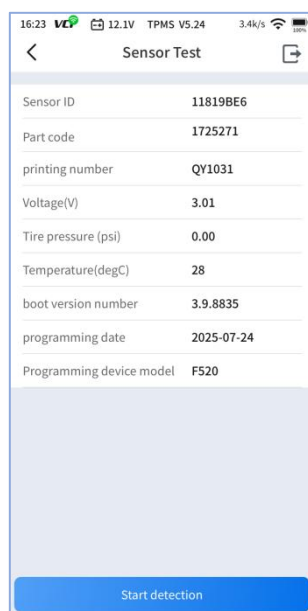
(Figure 1)



(Figure 2)

2. Click [Start Detection] to get the detection result (Figure 3).

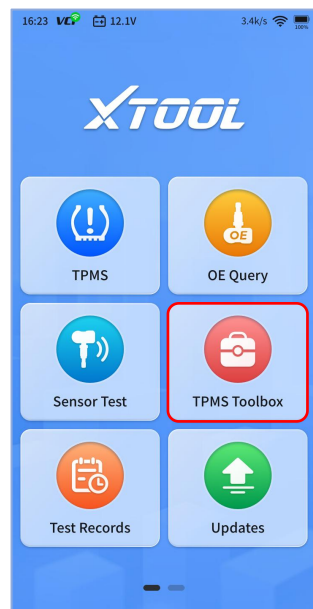
※ Only sensors from Langren Technology Co., Ltd. are supported for detection.



(Figure 3)

4.8 TPMS Toolbox

1. Turn on the device, click [TPMS Toolbox] (Figure 1), and switch to the tire pressure toolbox interface (Figure 2).



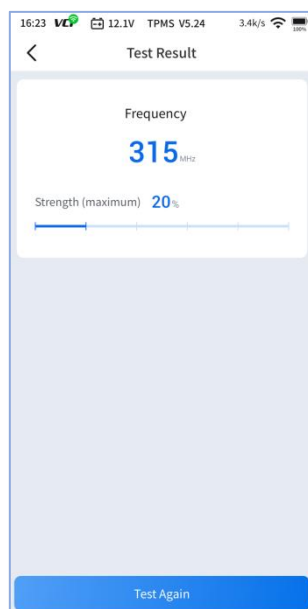
(Figure 1)



(Figure 2)

2. Click on the [Key Frequency Detection] function.

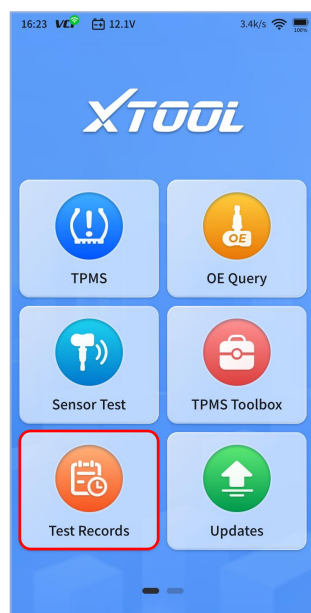
3. Obtain the test result (Figure 3).



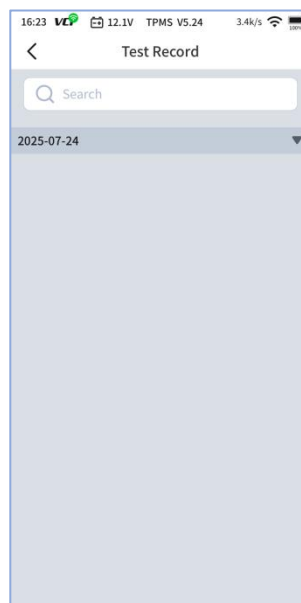
(Figure 3)

4.9 Test Record

1. Turn on the device, click [Test Records] (Figure 1), and switch to the test records interface (Figure 2).

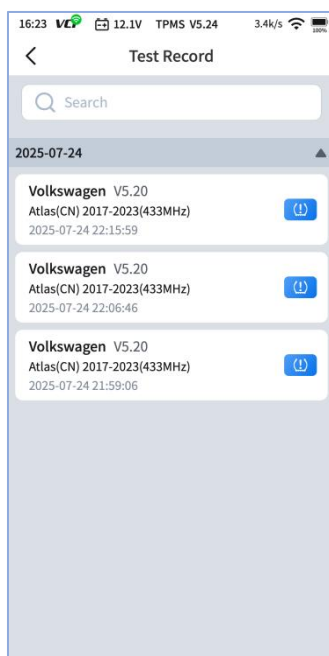


(Figure 1)



(Figure 2)

2. Select the test records of the corresponding date, expand them, and you will get the test record list column (Figure 3).



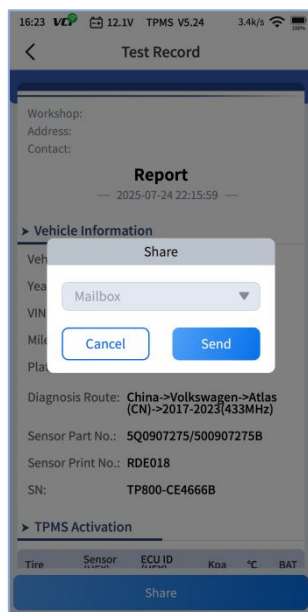
(Figure 3)

3. Select the corresponding test record to obtain the diagnostic report (Figure 4).

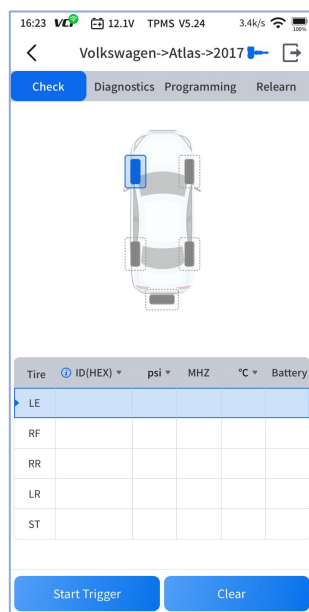


(Figure 4)

4. Click [Share] to pop up the email input box for report sharing (Figure 5).



(Figure 5)

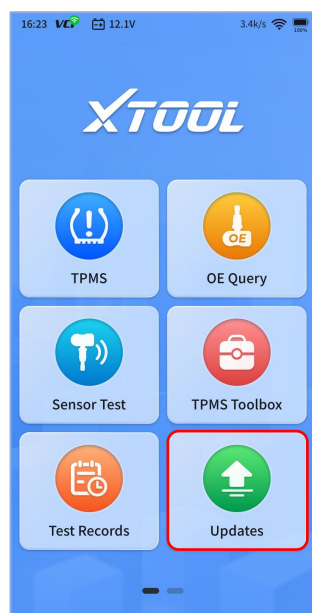
5. After expanding the corresponding test record column, click '


Tire	ID(HEX)	psi	MHZ	°C	Battery
LE					
RF					
RR					
LR					
ST					

(Figure 6)

4.10 Updates

1. Turn on the device, click [Updates] (Figure 1), and jump to the update package menu (Figure 2).



(Figure 1)



(Figure 2)

2. Click the upgrade package bar to pop up specific optimization details (Figure 3).



(Figure 3)

3. Click on the '↓' corresponding to the selected upgrade package to perform the upgrade.

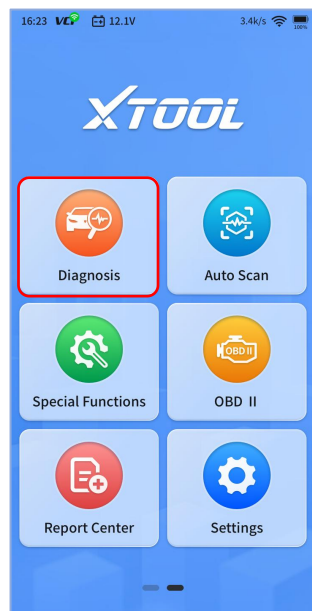
4. Click [One - click Upgrade] below to upgrade all upgradeable installation packages (Figure 4).



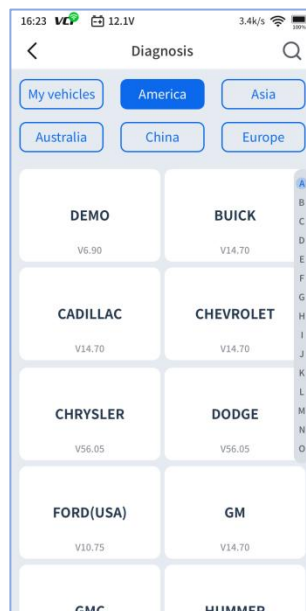
(Figure 4)

4.11 Diagnosis

1. Open the device and click [Diagnosis] (Figure 1) to jump to the vehicle - model selection interface (Figure 2).

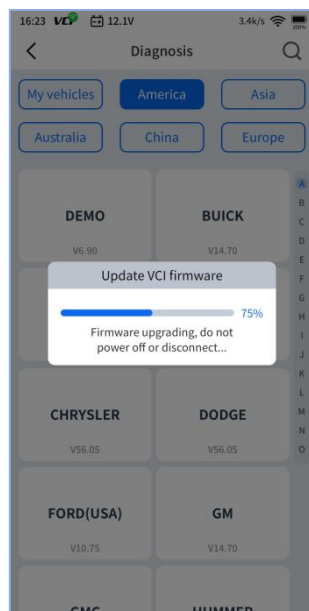


(Figure 1)



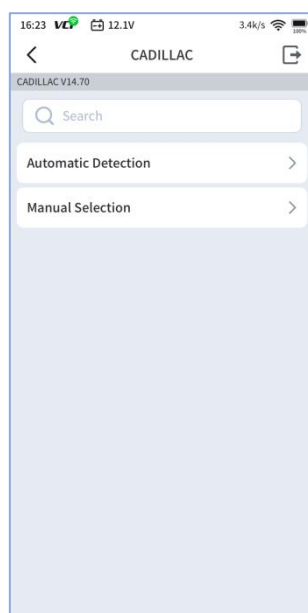
(Figure 2)

2. After selecting the vehicle model, wait for the VCI firmware to be upgraded (Figure 3).



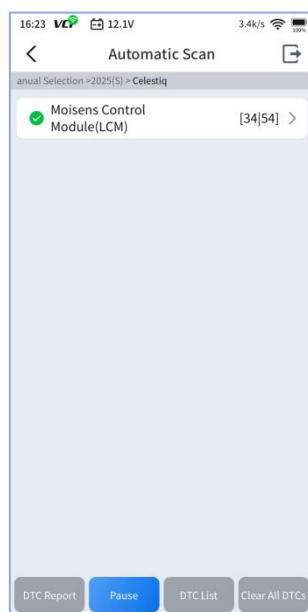
(Figure 3)

3. Automatic Delection/Manual Selection (Figure 4).



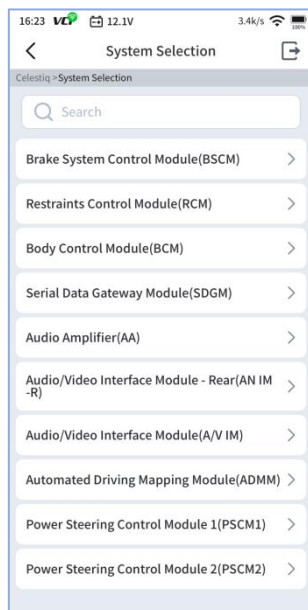
(Figure 4)

4. Automatic Delectoin: Perform an automatic scan of the condition of the vehicle modules (Figure 5).



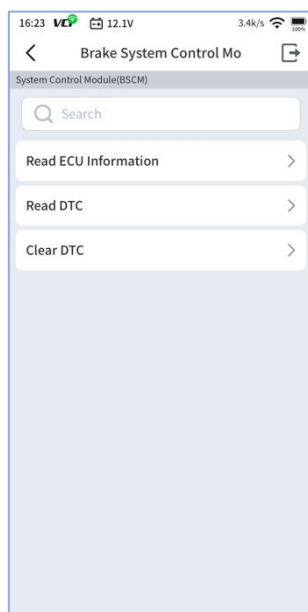
(Figure 5)

5. System Selection: Select the control module to be read (Figure 6).



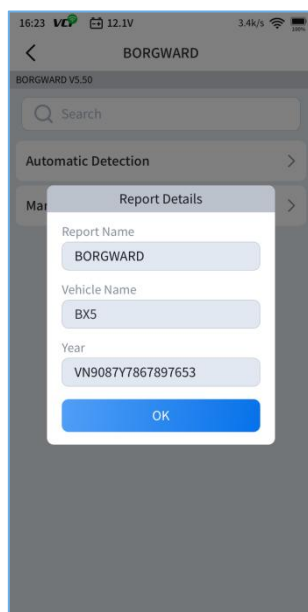
(Figure 6)

6. ①Read ECU Information②Read DTC③Clear DTC (Figure 7).



(Figure 7)

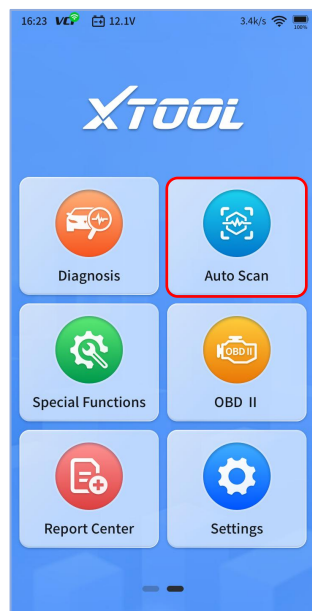
7. After reading is completed, [Report Details] will pop up when exiting Diagnosis (Figure 8). Click [OK] to save the diagnostic report to the 4.15 Report Center.



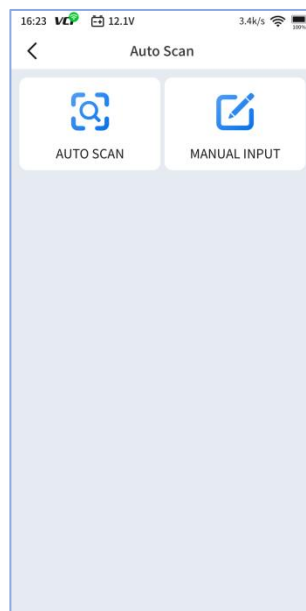
(Figure 8)

4.12 Auto Scan

1. Turn on the device and click [Auto Scan] (Figure 1) to enter the interface (Figure 2). Select Auto Scan or Manual Input for vehicle identification.

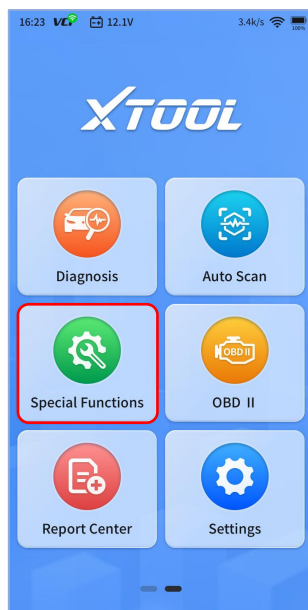


(Figure 1)



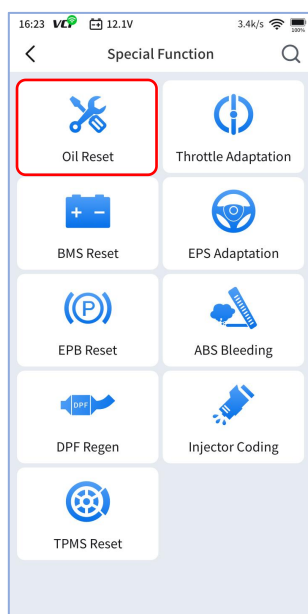
(Figure 2)

4.13 Special Function



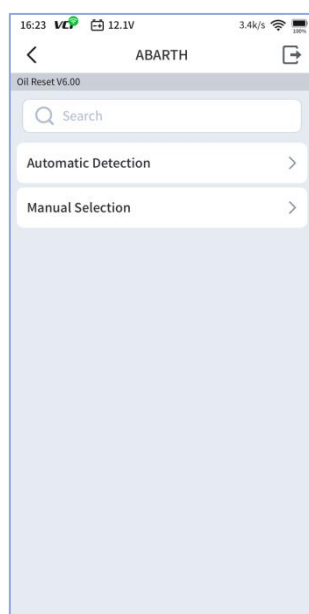
4.13.1 Oil Reset

1. Enter [Special Functions] → select [Oil Reset] (Figure 1).



(Figure 1)

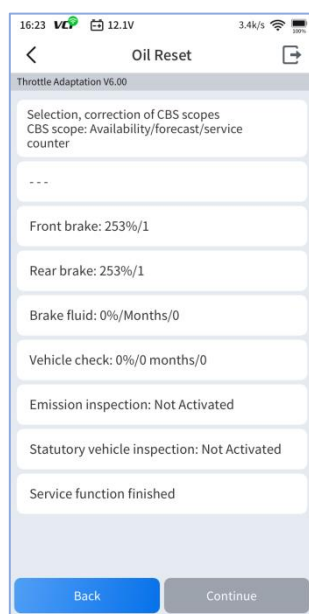
2. Automatic Detection/Manual Selection (Figure 2).



(Figure 2)

3. Select vehicle control module.

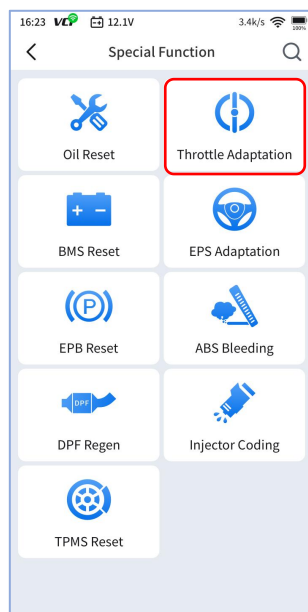
4. select according to the prompts to complete the Oil Reset(Figure3).



(Figure3)

4.13.2 Throttle Adaptation

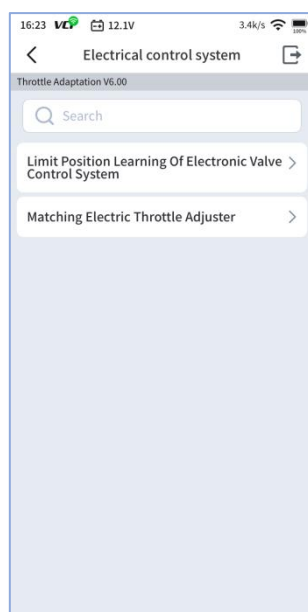
1. Enter [Special Functions] → select [Throttle Adaptation] (Figure 1).



(Figure 1)

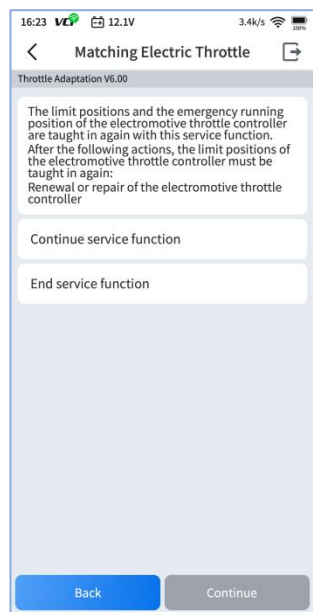
2. Automatic Detection/Manual Selection.

3. Select the automotive control module (Figure 2).

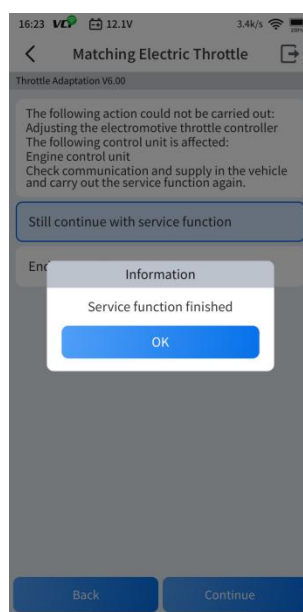


(Figure 2)

4. complete the operation according to the option prompts (Figure 3)(Figure 4).



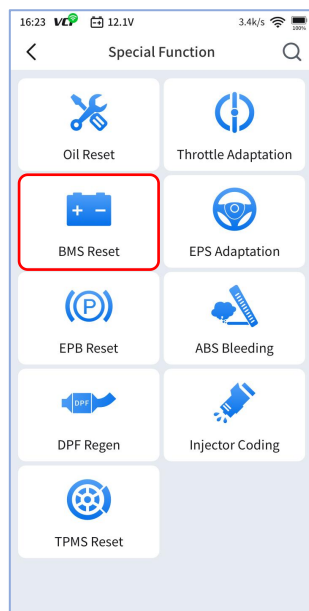
(Figure 3)



(Figure 4)

4.13.3 BMS Reset

1. Enter [Special Functions] → select [Throttle Adaptation] (Figure 1).



(Figure 1)

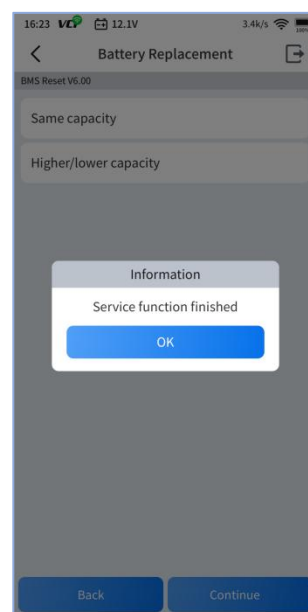
2. Automatic Detection/Manual Selection.

3. Select the function (Figure 2).



(Figure 2)

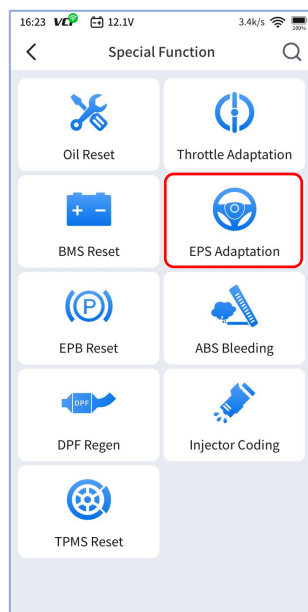
4. Please complete the operation as prompted according to your needs (Figure 3).



(Figure 3)

4.13.4 EPS Adaption

1. Enter [Special Functions] → select [EPS Adaptipn] (Figure 1).



(Figure 1)

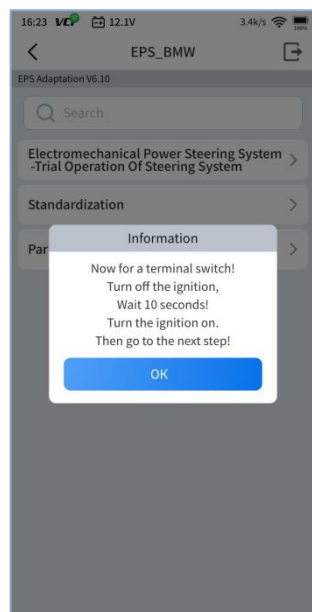
2. Automatic Detection/Manual Selection.

3. Select the vehicle control unit (Figure 2).

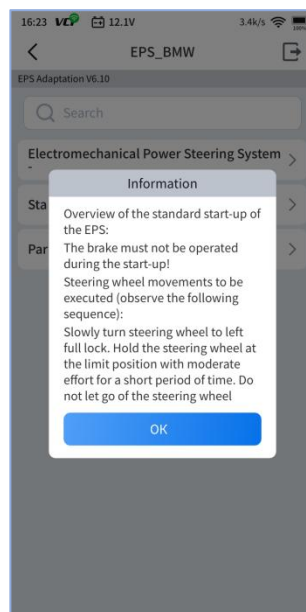


(Figure 2)

4.Perform the EPS Adaption operation according to specific instructions,illustration: (Figure 3)(Figure 4)



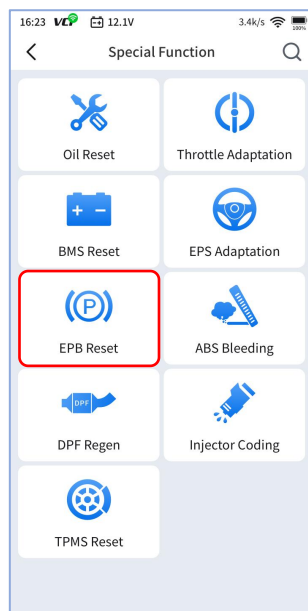
(Figure 3)



(Figure 4)

4.13.5 EPB Reset

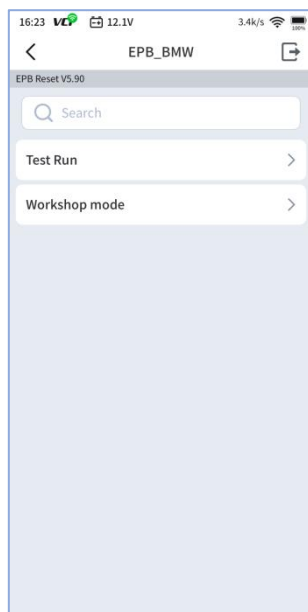
1.Enter [Special Functions] → select [EPB Reset] (Figure 1).



(Figure 1)

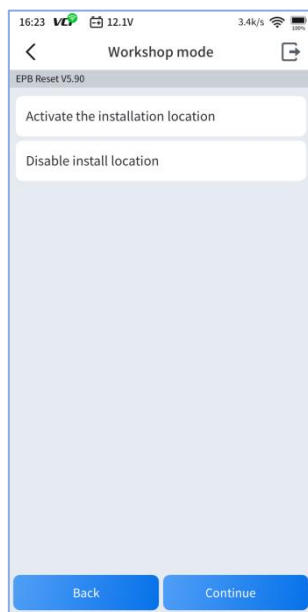
2.Automatic Detection/Manual Selection.

3. Select the vehicle control unit (Figure 2).



(Figure 2)

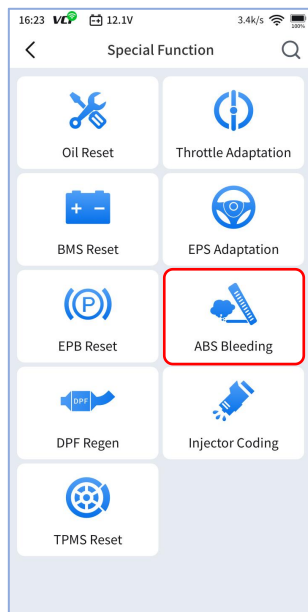
4. Choose the function and complete the EPB Reset operation as per the prompts (Figure 3).



(Figure 3)

4.13.6 ABS Bleeding

1. Enter [Special Functions] → select [ABS Bleeding] (Figure 1).

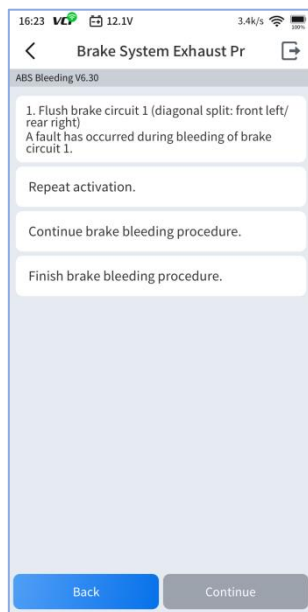


(Figure 1).

2. Automatic Detection/Manual Selection.

3. Select the brake system bleeding procedure.

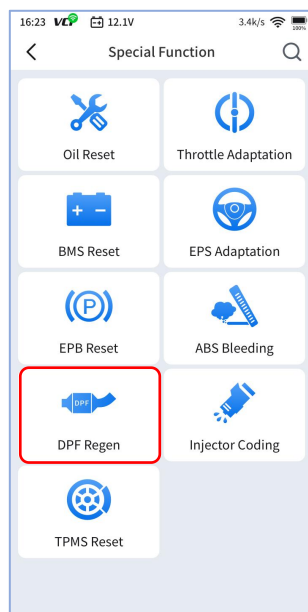
4. Perform the ABS bleeding operation as instructed (Figure 2).



(Figure2)

4.13.7 DPF Regen

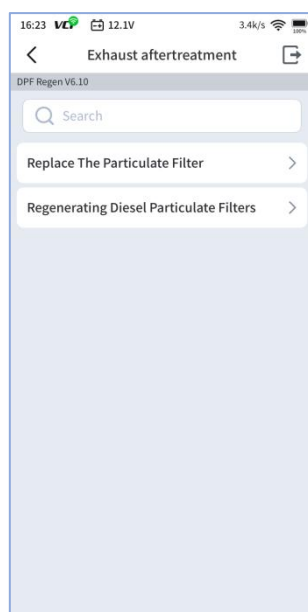
1. Enter [Special Functions] → select [DPF Regen] (Figure 1).



(Figure 1)

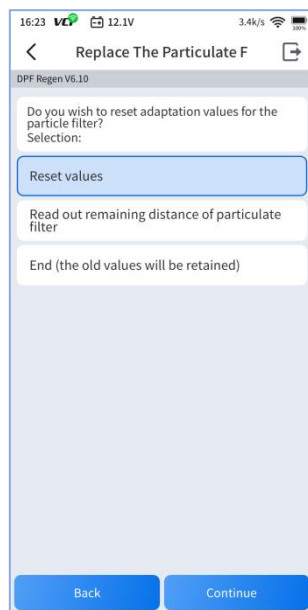
2. Automatic Detection/Manual Selection.

3. Select the vehicle control unit (Figure 2).



(Figure 2)

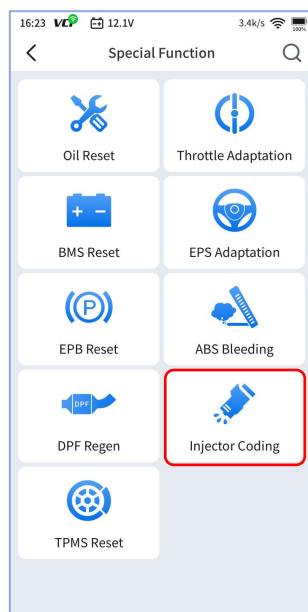
4.Perform the DPF Regen operation as instructed (Figure 3).



(Figure 3)

4.13.8 Injector Coding

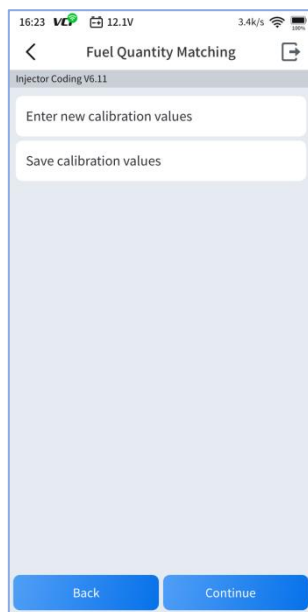
1.Enter [Special Functions] → select [Injector Coding] (Figure 1).



(Figure 1)

2. Automatic Detection/Manual Selection.

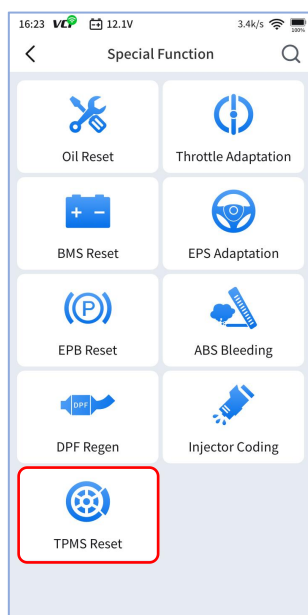
3. Perform the DPF Regen operation as instructed (Figure 2).



(Figure 2)

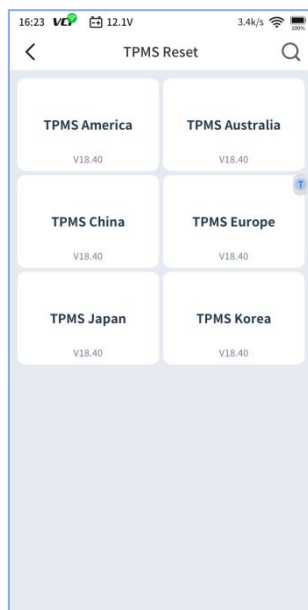
4.13.9 TPMS Reset

1. Enter [Special Functions] → select [TPMS Reset] (Figure 1).



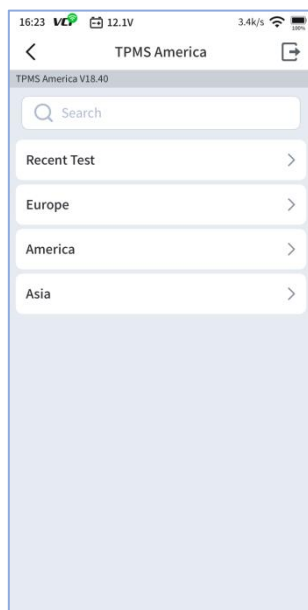
(Figure 1)

2. Select the TPMS corresponding to the country (Figure 2).



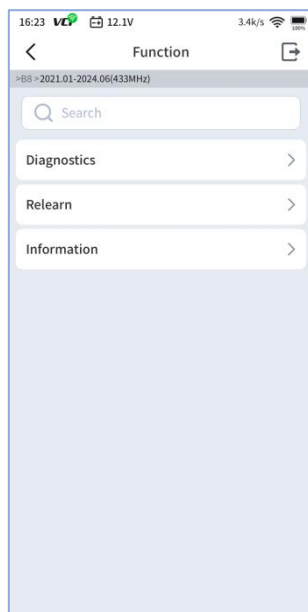
(Figure 2)

3. Select the test record or vehicle model (Figure 3).



(Figure 3)

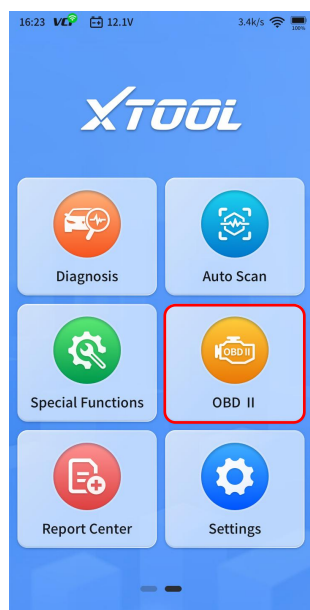
4. Select the required function in the figure (Figure 4).



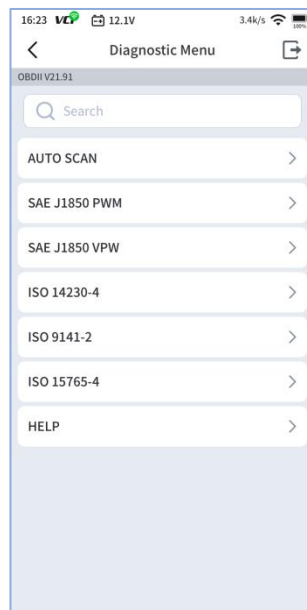
(Figure 4)

4.14. OBD II

1. Turn on the device, select [OBD II] (Figure 1), and enter the function selection interface (Figure 2).



(Figure 1)



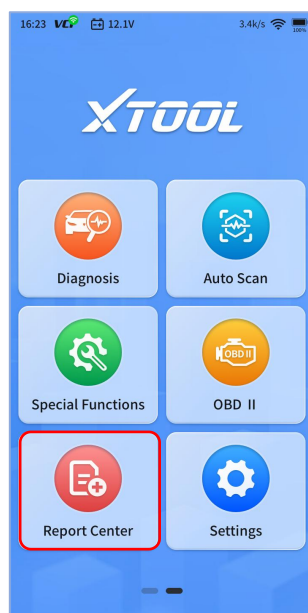
(Figure 2)

2. Select the relevant communication protocol and function.

3. The diagnostic system performs diagnostics.

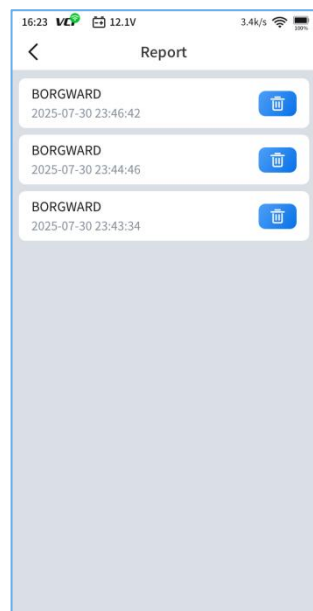
4.15 Report Center

1. Turn on the device, select [Report Center] (Figure 1).

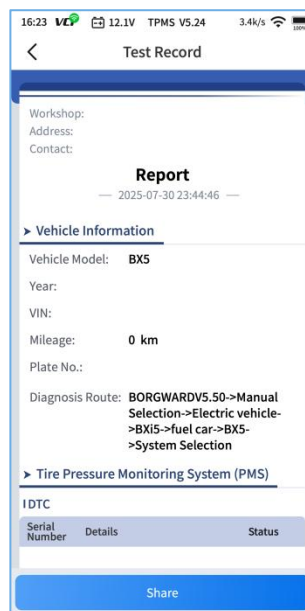


(Figure 1)

2. This function supports viewing user diagnostic reports (Figure 2), Click to access and view (Figure 3).

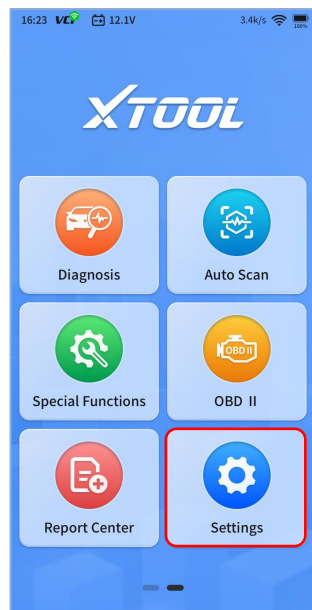


(Figure 2)



(Figure 3)

4.16 Settings



(Figure 1)



(Figure 2)

1. **[Language]:** Set the language

2. **[Unit]:** Set metric, imperial, or US customary units

3. **[Tire - Pressure Settings]:**

- ①Market region: Select country
- ②Pressure unit: Set the pressure unit to kPa, Psi, or Bar.
- ③Temperature unit: Set the temperature unit to degrees Celsius or degrees Fahrenheit
- ④Sensor ID format: Set to automatic, hexadecimal, or decimal.

4. **[WiFi connection]:** Select a network to connect to the Internet.

5. **[Display]:**

- ①Screen brightness: Drag the slider to adjust the brightness.
- ②Sleep time: Set the sleep time to 15s, 30s, 1min, 5min, 10min or never.

6. **[Storage]:**

- ①File Management → Internal Storage: Select a file to view.
- ②Diagnostic storage settings: Set to intelligent storage or system storage
- ③The used space of the internal - storage is directly displayed by both a horizontal bar and numbers.

④Clear cache: Click to clean immediately without confirmation.

7. [Date & Time]:

①Time - zone settings: Multiple time zones are available for selection.

②Time format: Set to 24 - hour or 12 - hour format.

[About]:Show device information like

①Model

②VCI Serial Number

③OS Serial Number

④MAC Address

⑤Version Number

⑥Factory Data Reset

8. [Upload test report to the cloud]: Once opened, the diagnostic report can be shared with the cloud.

5. Warranty and service support

5.1 One-year valid warranty period

Shenzhen Yunjia Intelligent Technology Co., Ltd. (hereinafter referred to as "the Company") warrants to the original retail purchaser of this device that, within one year from the date of delivery, under normal usage conditions, if the device malfunctions due to any defect in materials or workmanship, the Company will, upon presentation of the purchase certificate, repair or replace the device free of charge (with new products or remanufactured components) as appropriate.

The above warranty rules do not apply to the following cases:

(I) Any product damaged due to abnormal use or conditions, accidents, improper handling, human negligence, unauthorized modification, improper use, improper installation or maintenance, or improper storage;

(II) Products with mechanical serial numbers or electronic serial numbers deleted, altered, or damaged;

(III) Damage caused by exposure to high temperatures or extreme environmental conditions;

(IV) Damage caused by connection to or use of accessories or other products not approved or authorized by the company;

(V) Defects in product appearance, decorations, decorative or structural components such as frames and non-operational parts;

(VI) Damage caused by external factors such as fire, mud, sand, battery leakage, fuse blowout, theft, or improper use of any power supply.

5.2 Service and Support

If you have any questions about this product, please contact the dealer or authorized service center in your area, or call 400-880-3086 for support and assistance from YunJia Intelligent engineers.

Shenzhen Xtooltech Intelligent Co., Ltd.

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

Factory address:2,3,4/F building 12, Tangtou third industrial zone,Tangtou community, Shiyan street, Bao'an District, Shenzhen

Service-Hotline: 0086-755-21670995/86267858

Email: marketing@XTOOLtech.com

Fax: 0755-83461644

Website: www.XTOOLtech.com

Compliance Information

FCC Compliance

FCC ID:2AW3IF520

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: This device may not cause harmful interference

This device must accept any interference received, including interference that may cause undesired operation.

Warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information:

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the Body with the minimum separation distance of 5mm. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

For USA: The frequency stability of all transmission frequencies of U-NII-1, U-NII 2A, U-NII 2C and U-NII-3 meets the requirements of 47 CFR FCC Part 15.407(g), and the manufacturer declares that their transmission is maintained at Band U-NII-1, U-NII 2A, U-NII 2C and U-NII-3.

Responsible Party

Company name: FCC US Agent, LLC

Address: 3722 Illinois Avenue, Saint Charles, IL, 60174, USA

E-mail: Support@FCCUSAgent.com

ISED Statement

IC:29441-F520

HVIN:F520

PMN:F520,XTireProbe,X400S,TP300,TP380,TP500,TP580

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L' appareil ne doit pas produire de brouillage;
- (2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Operation of this device is restricted to indoor use only. (5150-5350MHz)

Le fonctionnement de cet appareil est limité à une utilisation en intérieur uniquement. (5150-5350MHz)

This EUT is compliance with SAR for general population/uncontrolled exposure limits in ISSED RSS-102 had been tested in accordance with the measurement methods and procedures specified in IEEE 1528 and IEC 62209. This equipment should be installed and operated with minimum distance 5 mm between the radiator and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet EUT est conforme au DAS pour la population générale / les limites d'exposition non contrôlées de l'ISSED RSS-102 ont été testées conformément aux méthodes et procédures de mesure spécifiées dans IEEE 1528 et CEI 62209. Cet équipement doit être installé et utilisé avec une distance minimale de 5 mm entre le radiateur et votre corps. Cet appareil et son (ses) antenne (s) ne doivent pas être colocalisés ou fonctionner avec une autre antenne ou émetteur.

For Canada: The frequency stability of all transmission frequencies of U-NII-1, U-NII 2A, U-NII 2C and U-NII-3 meets the requirements of RSS-Gen Issue 5, Section 6.11, and the manufacturer states that their transmissions remain within the U-NII-1, U-NII 2A, U-NII 2C and U-NII-3 bands.

Pour le Canada : La stabilité de fréquence de toutes les fréquences de transmission U-NII-1, U-NII 2A, U-NII 2C et U-NII-3 répond aux exigences de la norme CNR-Gen, édition 5, section 6.11, et le fabricant déclare que leurs transmissions restent dans les bandes U-NII-1, U-NII 2A, U-NII 2C et U-NII-3.

CE

Declaration of conformity

Herby, Shenzhen Xtooltech Intelligent Co., Ltd. declares that this TPMS Diagnostic Tool, is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), this product allowed to be used in all EU member states.

UKCA

Herby, Shenzhen Xtooltech Intelligent Co., Ltd. declares that this TPMS Diagnostic Tool, satisfies all the technical regulations applicable to the product within the scope of UK Radio Equipment Regulations (SI 2017/1206); UK Electrical Equipment (Safety) Regulations (SI 2016/1101); and UK Electromagnetic Compatibility Regulations (SI 2016/1091) and declare that the same application has not been lodged with any other UK Approved Body.