ONE/ONE Lite

The One You Can Trust

User Manual

TOPDON®

CONTENTS

ENGLISH

PREFACE

Welcome

Thank you for purchasing the TOPDON ONE. Please read and understand this manual carefully before using this product. If any issues arise during operation, contact us at support@topdon.com for official technical support.

About This Manual

The illustrations and images in this user manual are for reference only. As products are periodically updated, the actual product you receive may vary slightly. Please refer to the actual product.

All information in this manual is based on the latest information available at the time of publication, and no warranty is made regarding its accuracy or completeness. TOPDON reserves the right to make changes at any time without notice.

The official version of these instructions is the English version. If there are any translation discrepancies, refer to the English version.

Revision History

Version	Date	Description
1.0	2026-02	Initial release

SAFETY IS ALWAYS THE FIRST PRIORITY!

Read All Instructions Before Use

- For your safety, the safety of others, and to avoid any damage to the product and your vehicle, CAREFULLY READ AND MAKE SURE YOU FULLY UNDERSTAND ALL THE SAFETY INSTRUCTIONS AND MESSAGES IN THIS MANUAL BEFORE OPERATING. You must also read the vehicle's service manual, and observe the stated precautions or instructions before and during any test or service procedure.
- Keep yourself, your clothing and other objects away from moving or hot engine parts and avoid contact with electrical connections.
- ONLY OPERATE THE VEHICLE IN A WELL-VENTILATED AREA, as the vehicle produces carbon monoxide, a toxic and poisonous gas, and particulate matter when the engine is running.
- ALWAYS WEAR approved SAFETY GOGGLES to prevent damage from sharp objects and caustic liquids.
- DO NOT SMOKE OR HAVE ANY FLAMES NEAR THE VEHICLE when testing. The fuel and battery vapors are highly flammable.
- DO NOT ATTEMPT TO INTERACT WITH THE PROUDUCT WHILE DRIVING. Any distraction may cause an accident.
- TURN THE IGNITION OFF BEFORE CONNECTING OR DISCONNECTING THE PRODUCT FROM THE VEHICLE's DATA LINK CONNECTOR (DLC) to prevent causing damage to the product or vehicle's electronic components.

SECTION 1 WHAT'S IN THE BOX?

· Tablet

· ONE VCI

· Power Adapter

· OBD-II Extension Cable

· USB Cable (USB-C to USB-C)

· USB Cable (USB-A to USB-C)

· Packing List

· Quick User Guide

· Carrying Case

SECTION 2 PRODUCT OVERVIEW

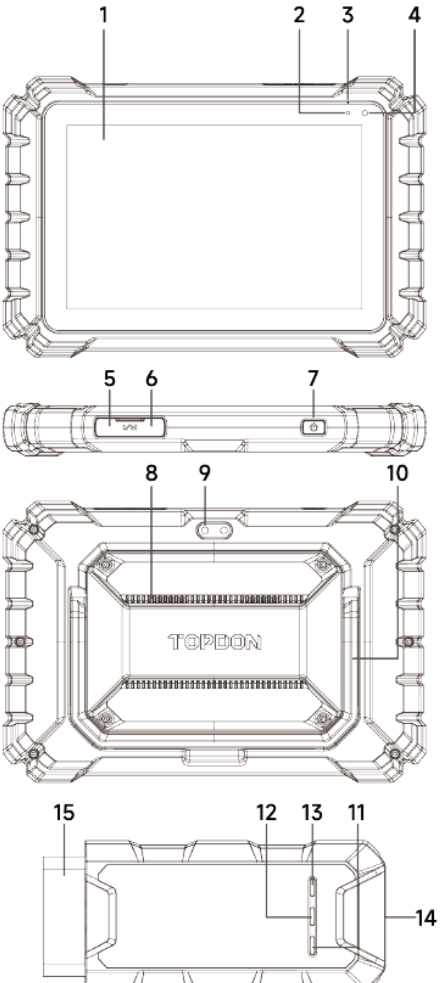


Figure 2-1

Tablet

1	10.1-inch Touch Screen	
2	Light Sensor	It is designed to detect the ambient lighting conditions to facilitate the automatic adjustment of screen brightness.
3	Microphone	
4	Indicator Light	• Green: The device is fully charged and in sleep mode. • Red: The device is charging.
5	USB-C Port	It is designed for data transfer and charging.
6	USB-A Port	It is used to connect the tablet and the VCI with a USB cable.
7	Power Button	• Briefly press the button to wake or turn off the screen. • When the device is off, press and hold the button for 3 seconds to power it on. • When the device is on, press and hold the button for 3 seconds to power it off or restart it.
8	Audio Speaker	
9	Camera	
10	Collapsible Stand	

11	Communication Indicator	Blinks green when the VCI is communicating with the vehicle.
12	Power Indicator	Illuminates solid red when the VCI is powered on.
13	Connection Indicator	Illuminates solid blue if a connection between the VCI and the tablet is established.
14	USB-C Port	Used to connect the VCI to the tablet with a USB cable.
15	OBD-II 16-pin Connector	Used to connect the VCI to the vehicle's DLC (Data Link Connector).

SECTION 3 GETTING STARTED

3.1 Basic Setup

Press and hold the power button for 3 seconds to turn on the tablet. Follow the steps below to configure basic settings.

1. Select a desired language.

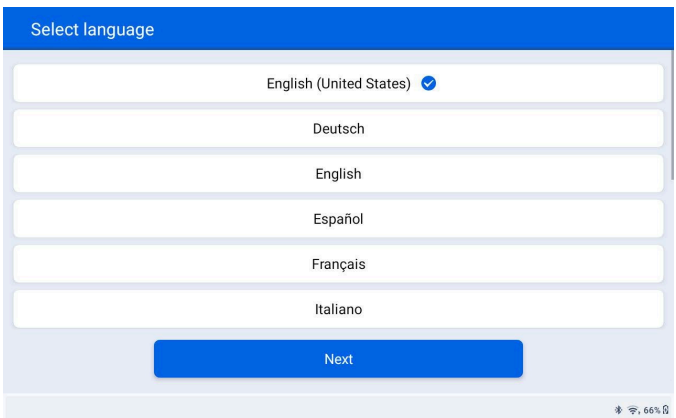


Figure 3-1

2. Choose the appropriate region and time zone.

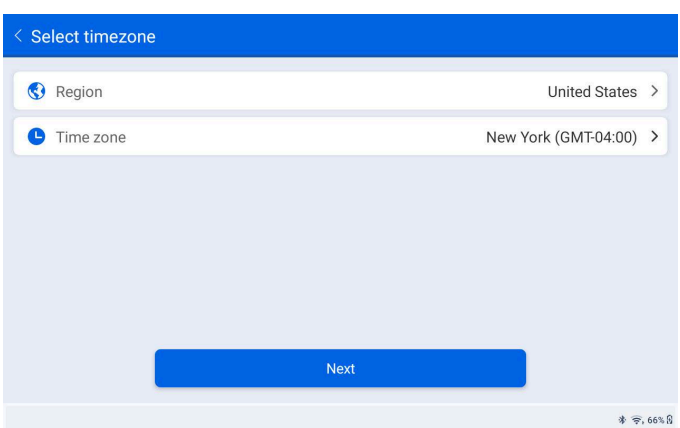


Figure 3-2

3. Select a Wi-Fi from the scanned list and enter the password.

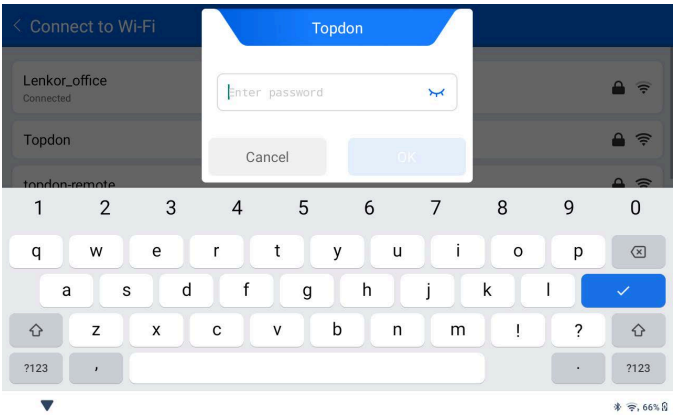


Figure 3-3

4. The tablet is activated successfully. Tap ***Start*** to begin using it.

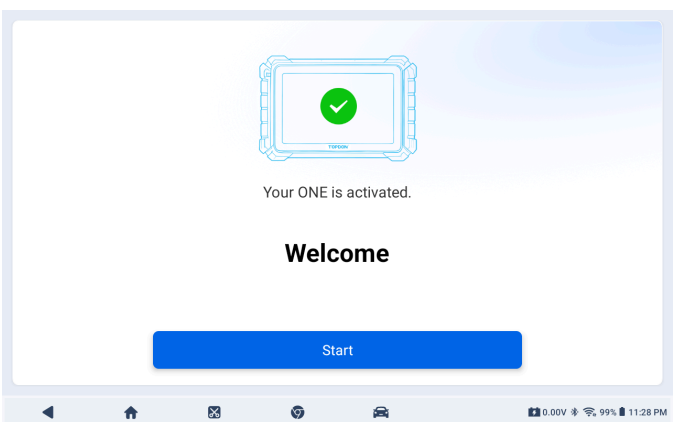


Figure 3-4

5. Log in to your TOPDON account. (If you do not have an account, tap ***Create Account*** to register a new account.)

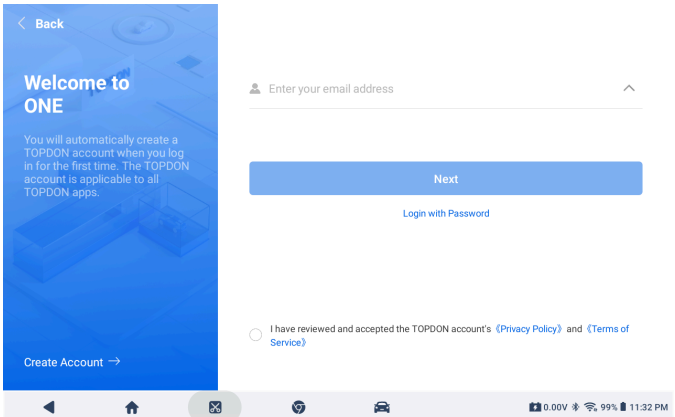


Figure 3-5

Tip:
Swipe down from the top of the screen to open the Control Center. It displays the system time, notifications, and provides quick access to Wi-Fi, Bluetooth, Screen Recording, Camera, Flashlight, Brightness, and Volume settings.
To record your screen, you can tap the button ***Screen record***. After the recording is complete, you can view it by going to ***User Info > Folder > Gallery > SCREEN REC***.

3.2 Connect the ONE VCI to the Vehicle's DLC

Directly plug the ONE VCI into the vehicle's DLC, or use appropriate cables or adapters if necessary (see Figure 3-6).

If you encounter a problem in locating the DLC, please go to ***Library > DLC Location*** for detailed diagrams, or refer to the vehicle's service manual.

Note:
Make sure the ignition is always OFF before connecting the ONE VCI to the vehicle's DLC.

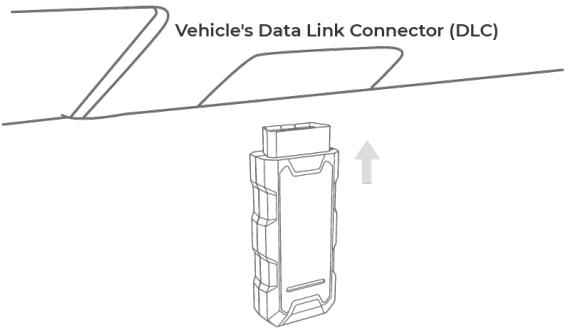


Figure 3-6

3.3 Turn "ON" the Ignition

Turn the ignition to the "ON" position (see Figure 3-7). Alternatively, if your vehicle is equipped with a keyless start system and the ignition switch is an "Engine Start Stop" button (see Figure 3-8), press the "Engine Start Stop" button until the car is in "ON" mode. Do not apply the brake while pressing the "Engine Start Stop" button, or you will start the car instead of putting it in the "ON" position.

Note:
The ignition method may vary by vehicle model. If the procedure above does not work, refer to the vehicle's service manual.

Figure 3-7

Figure 3-8

When the switch is turned "ON", the power indicator on the VCI lights up solid red, indicating that the connection between the VCI and the vehicle has been established successfully.

3.4 Connect the ONE VCI to the Tablet

To enable communication between the tablet and the vehicle, the ONE VCI and the tablet must be connected first. The connection can be established via wireless (Bluetooth or Wi-Fi) or wired (USB cable) solutions.

3.4.1 Wireless VCI Connection

Two wireless methods are provided to connect the ONE VCI to the tablet: Bluetooth or Wi-Fi.

Method 1: Wi-Fi Connection

Note:
Before establishing a Wi-Fi connection between the tablet and the VCI, ensure that the HOST mode is enabled under *User Info > Settings > USB Mode Switch*.

1. Go to *User Info > VCI Management*. Tap the icon  in the upper-right corner of the screen.
2. Tap *Connect Now* or the icon  in the top right corner of the screen.

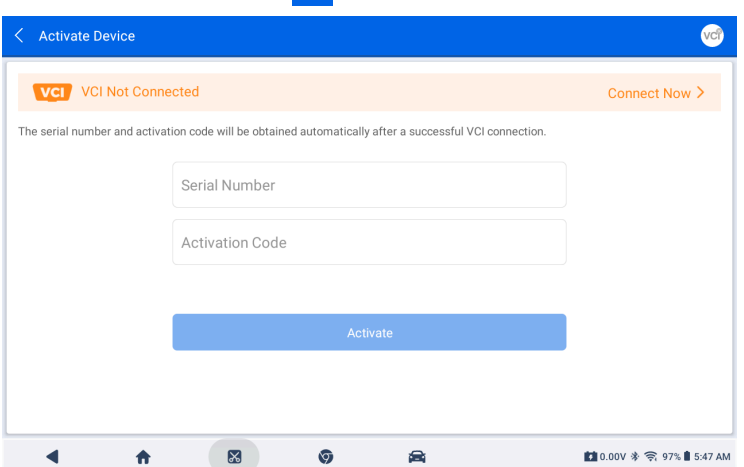


Figure 3-9

3. Tap the desired VCI name from the Wi-Fi list.

Note:
You can identify the VCI by the last four digits of its serial number.

4. Once the wireless connection is established, the connection indicator on the VCI illuminates solid blue, and the icon  appears in the top right corner of the screen.

Note:
To terminate the Wi-Fi connection, tap the VCI name from the list again.

5. After the VCI serial number and activation code are automatically retrieved, tap *Activate* to bind the VCI to the tablet.

Method 2: Bluetooth Connection

1. Go to *User Info > VCI Management*. Tap the  icon in the top right corner of the screen.
2. Tap *Connect Now* or the icon  in the top right corner of the screen.
3. Tap the desired VCI name from the Bluetooth list.
4. Once the wireless connection is established, the connection indicator on the VCI illuminates solid blue, and the icon  appears in the top right corner of the screen.

Note:
To disconnect, tap the VCI name from the list again.

5. After the VCI serial number and activation code are automatically retrieved, tap *Activate* to bind the VCI to the tablet.

3.4.2 Wired VCI Connection

The wired connection is established via a USB cable linking the VCI and the tablet.

Note:
Before establishing a wired connection between the tablet and the VCI, ensure that the HOST mode is enabled under *User Info > Settings > USB Mode Switch*.

1. Go to *User Info > VCI Management*. Tap the  icon in the top right corner of the screen.
2. Use the USB cable (USB-A to USB-C) to connect the VCI and the tablet.

3. Once the wired connection is established, the connection indicator on the VCI illuminates solid blue, and the icon VCI appears in the upper-right corner on the screen.
4. After the VCI serial number and activation code are atumatically retrieved, tap ***Activate*** to bind the VCI to the tablet.

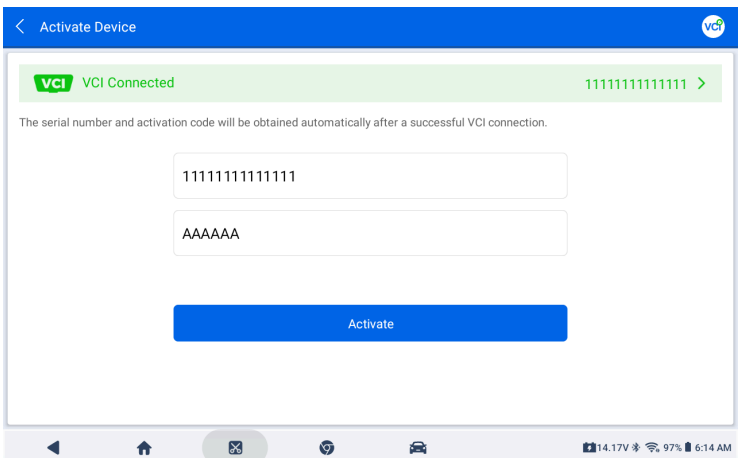


Figure 3-10

Tips:

- Under normal conditions, once the ONE VCI is connected to the vehicle's DLC and paired with the tablet, the VCI's communication indicator will blink green, indicating a successful connection.
- To switch to another VCI, tap the VCI icon in the upper-right corner of the screen and select the desired device from the list. The system will complete the switch automatically.

SECTION 4 USING YOUR TOOL

After establishing communication between the tablet and the vehicle as instructed in *Section 3*, you can perform diagnostics directly on the tablet.

4.1 Home Screen

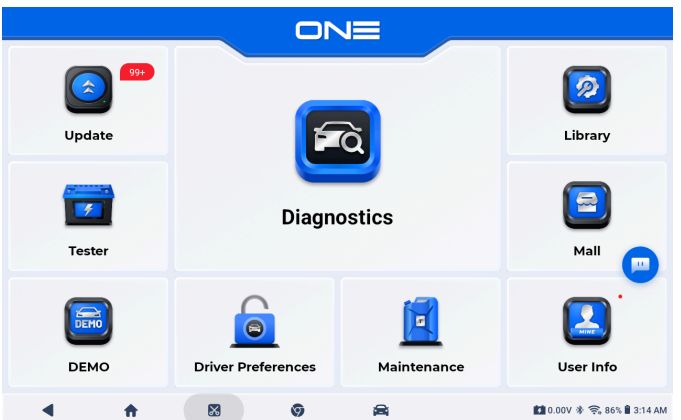


Figure 4-1

Note:
This screenshot is provided using ONE as an example. The ONE Lite home screen may differ. Please refer to the actual interface for the most accurate information.

Function Buttons

The home screen includes nine main functions and a floating chat tool. A brief description of each is given in the table below.

Button	Description
Diagnostics	This feature allows users to perform diagnostic functions including reading Diagnostic Trouble Codes (DTCs), clearing DTCs, viewing data stream, reading Electronic Control Unit (ECU) version information, performing hot functions and conducting ative tests.
Update	This feature enables users to update the vehicle-specific diagnostic software and the app whenever a new version is available.

Tester

This feature eanbles users to perform battery test, charging test, cranking test or system test on vehicle batteries after a Bluetooth connection between the tablet and the BTMobile ProS battery tester is established.

DEMO

This function is designed to help users experience and become familiar with diagnostic procedures.

Driver Preferences

It is exclusive to ONE and enables configuration of hidden features and personalization settings within the vehicle system.

Maintenance

It contains over 50 maintenance services including Oil Reset, Throttle Adaptation, EPB Reset, Steering Angle Reset, ABS Bleeding, DPF Regeneration, BMS Reset, Injector Coding, Tire Pressure Reset, Airbag Reset, etc.

Library

It allows you to access Reports (System Report, Fault Code Report, and Data Stream Report), and relevant data.

Mall

This feature allows users to purchase or renew the TOPDON software products or services, such as gateway access and software packages.

User Info

It provides access to Folder, Vehicle Software Management, Customer Feedback, User Info, Workshop Data Management, Firmware Update, Order Management, Rights Inquiry, System Update and Settings.

Navigation Bar

At the bottom of each interface, you can see a navigation bar including five buttons. Their functions are described in the following table.

Button	Description
 Back	Tap this button to navigate back to the previous screen.

App Home

Tap this button to navigate back to the home screen.

Screenshot

Tap this button to capture a screenshot of the current interface.

Browser

Tap this button to open the default browser.

Vehicle Diagnostics

Tap this button to quickly access the previously opened vehicle diagnostics interface.

Tip:
After capturing a screenshot, you can view it by going to ***User Info > Folder > Gallery > SCREENSHOTS***.

4.2 Diagnostics

The Diagnostics module allows you to scan all supported vehicle systems at one time (Auto Scan) for DTCs or select an individual system to read DTCs, clear DTCs, read data stream, read ECU information, perform hot functions and conduct active tests. You can also access EOBD & OBD-II and submit diagnostic feedback.

Note:
Before performing diagnostics, it is a must to download the corresponding diagnostic software for your vehicle via ***Update > Diagnostics***.

The diagnostics interfaces may vary slightly depending on the selected vehicle-specific diagnostic software. Please refer to the actual product and interface for accurate information.

4.2.1 Identify the Vehicle

To perform diagnostics, you need to identify your vehicle first either by automatic Vehicle Identification Number (VIN) decoding or by manually selecting the vehicle make.

Identify via VIN

1. Tap *Diagnostics* > *VIN*.

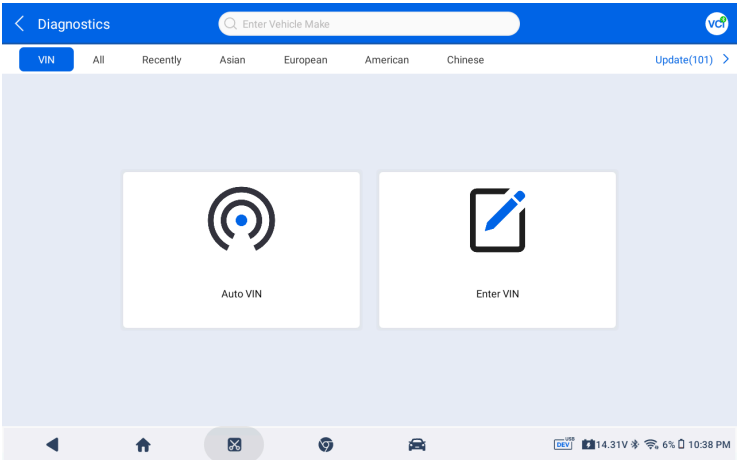


Figure 4-2

2. Tap *Auto VIN* or *Enter VIN*.
   - *Auto VIN*: The tablet automatically reads and decodes the VIN.
   - *Enter VIN*: Users need to manually enter or scan the VIN to identify the vehicle.

Note:
VIN automatic retrieval may not be supported on all models. If you find this feature is not available for your vehicle, manually enter the VIN and tap *OK*.

3. Tap *Confirm*.

Identify via Make

1. Tap *Diagnostics* from the home screen. A list of vehicle-specific diagnostic software displays.

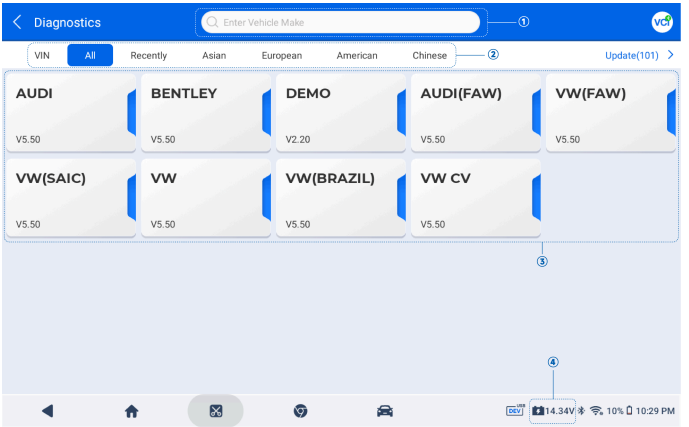


Figure 4-3

① Search Bar
Tap the search bar to display the keyboard, then enter the vehicle make to search for it.

② VIN/All/Recently/Asian/European/American/Chinese
Select from this menu to filter the vehicle makes made in certain countries or regions.

③ Manufacturer (Vehicle Make) Options

④ Vehicle Battery Voltage Icon

2. Select or enter the make of your vehicle.

Note:
A demonstration mode (*DEMO* option in the make list) is provided to help you become familiar with the Diagnostics functions.

3. Tap *Automatic* or *Manual* to identify the vehicle.
- *Automatic*: Manually enter the VIN or tap *Read* to acquire the VIN. Then tap *Confirm*. The tablet will automatically decode the VIN to identify the vehicle.
- *Manual*: Manually select or enter the vehicle information to assist the device in identifying the vehicle.

4. After confirming the vehicle information, a main menu displays, in which you can perform auto scan, conduct hot functions, or view vehicle profile.

Note:
Functions in the main menu may differ depending on the vehicle make, model, and year. Please refer to the actual interface.

4.2.2 Auto Scan

After the device identifies your vehicle, ***Auto Scan*** can detect all the systems supported by the vehicle and retrieves DTCs for all of these systems, providing a complete health check of the vehicle. Performing Auto Scan before and after repair could help in troubleshooting and validating repairs. Pre and post scan reports can allow you to record the condition of the vehicle before and after repair for comparison.

Note:
The available function types and quantities in the main menu may vary slightly depending on the vehicle model. Please refer to the actual interface for details.

To perform an Auto Scan, tap ***Auto Scan*** at the bottom corner. Then the tablet starts scanning all the systems supported by the vehicle, and DTC retrieval is automatically performed.

The results can be viewed in two formats: a list or a topology map. The list displays all systems configured on the vehicle, whereas the topology map provides a graphical system distribution diagram.

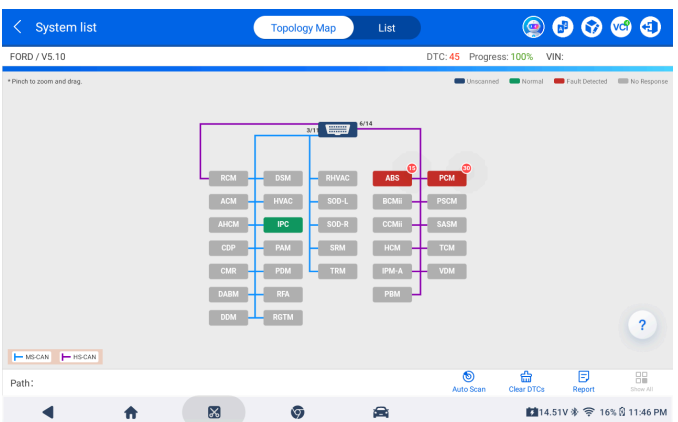


Figure 4-4

Tip:
In a topology map. you can pinch to zoom in or out. In addition, you can tap a module to access related functions for that system, or tap a connection line to select all modules linked to it for further operations.

Button Description

Clear DTCs
Tap the button to clear all the DTCs retrieved.

Report
Tap the button to save the current scan results in report format. (To view the saved reports, go to *User Info* > *Folder* > *Diagnostic Report* > *System Report*.)

Show All / Show Actual
Tap the button to toggle between showing all vehicle systems and showing only the supported systems.

4.2.3 Performing Individual System Diagnostics

Apart from Auto Scan, you can also select an individual system from the topology or system list to read DTCs, clear DTCs, read data stream, read ECU information and conduct active tests for that particular system.

Note:
Depending on the vehicle make, model and year, some functions may not be available.

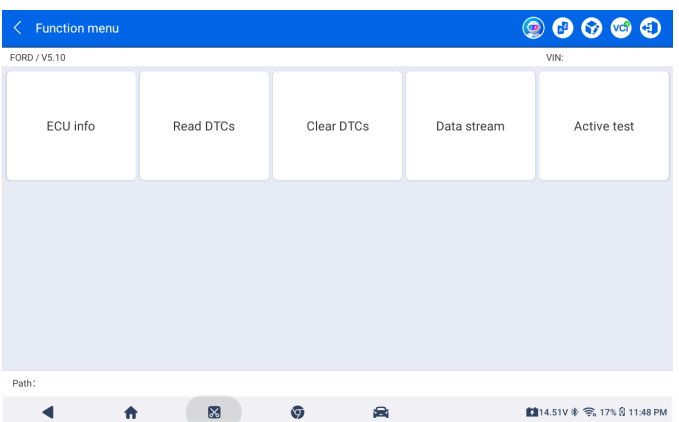


Figure 4-5

ECU Info

1. Select the desired system from the topology or list.

2. Tap *ECU Info* in the function menu. Then you can view the ECU version information of the selected system.

Read DTCs

1. Select the desired system for which you wish to retrieve DTCs from the topology or list.

2. Tap *Read DTCs* in the function menu. The tablet will communicate with the ECU and retrieve and display DTCs for the currently selected system.

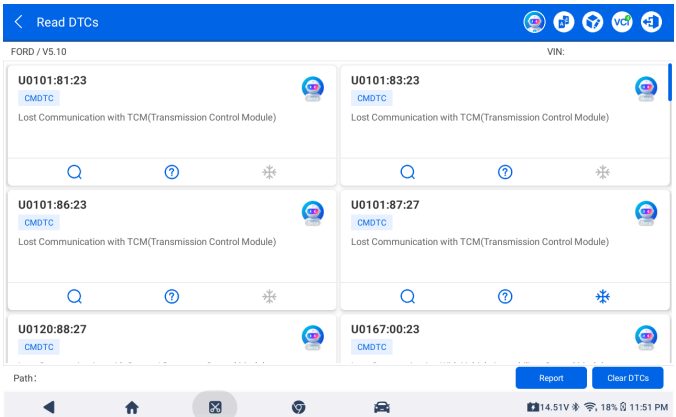


Figure 4-6

Icon Description

Icon	Description
	When the icon lights up, tap to open a window that allows you to search online for more information about the DTC.
	When the icon lights up, tap to view the detailed description of the DTC.
	When the icon lights up, tap to view the freeze frame captured at the time when the DTC occurs.
	When the icon lights up, tap to launch the AI tool TopFix, where you can access DTC interpretation, recall information, repair instructions, parts replacement, and estimated repair time.

Button Description

Report
Tap to save the DTCs in report format. (To view the saved reports, go to ***User Info > Folder > Diagnostic Report > Fault Code Report***.)

Clear DTCs
Tap to clear all the DTCs retrieved.

Clear DTCs

1. Select the desired system from the topology or list.
2. Tap *Clear DTCs* in the function menu.
3. Tap *OK* after the DTCs are cleared.

Note:

1. The procedure of clearing DTCs should be performed after the required repair has been carried out. Once confirmed, DTCs and freeze data stored in the ECU will be cleared.
2. DO NOT START UP THE ENGINE WHILE CLEARING DTCS.

Read Data Stream

1. Select the desired system from the topology or list.
2. Tap *Data Stream* in the function menu. A data stream list displays.

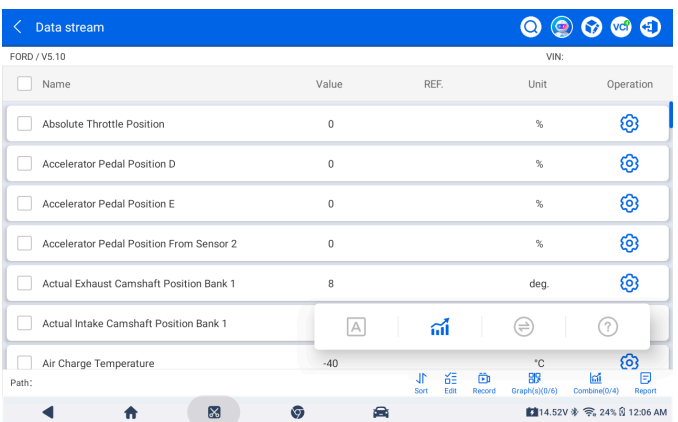


Figure 4-7

Icon Description

Icon	Description
	Tap to open settings for the selected data stream.
	Tap to display the real-time data stream as values.
	Tap to display the real-time data stream as a waveform graph.

 Tap to switch between metric and imperial units.

 Tap to open the online help for the data stream.

Button Description

Sort
Tap to customize the sorting of the data streams.

Edit
Tap once to display only the selected data stream. Tap twice to display all available data streams.

Record
Tap to record and save real-time data stream information. To view the saved data stream recording, go to ***User Info > Folder > Replay Data***.

Graph
Tap to display multiple data streams in separate graphs.

Combine
Tap to combine multiple data streams in one graph for easier observation and comparison.

Report
Tap to save the current data stream values in report format. To view the saved reports, go to ***Folder > Diagnostic Report > Data Stream Report***.

Warning:
IF THE VEHICLE MUST BE DRIVEN TO VIEW THE LIVE DATA STREAM, ALWAYS HAVE A SECOND PERSON HELPING YOU. DO NOT WATCH THE DATA STREAM WHILE DRIVING.

Active Test

Active Test allows you to manually control certain component operations directly from the app to verify the operations of components.

1. After the vehicle is identified, select the system for which you wish to perform active test from the topology or list.

2. Tap ***Active test*** in the function menu. Then you can perform related active tests as needed.

Note:
Available active tests vary by vehicle make, year and model.

4.2.4 Hot Functions

The Hot Functions module provides quick access to the most commonly used service and maintenance operations. These functions communicate directly with the vehicle's ECUs to perform advanced tasks beyond basic diagnostics, such as resetting, adaptation, matching, and calibration. Typical hot functions include oil reset, throttle adaptation, EPB reset, ABS reset, steering angle reset, diesel particulate filter (DPF) regeneration, and airbag reset. For detailed introduction to the hot functions, please refer to ***Section 4.5***.

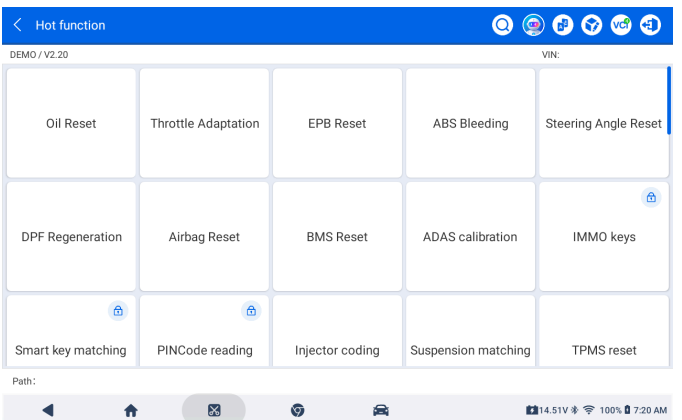


Figure 4-8

To perform hot functions

1. After the vehicle is identified, select the system for which you wish to perform hot functions from the topology or list.

2. Tap ***Hot Functions*** in the function menu.

3. A function menu appears. Tap the desired function and follow the on-screen prompts to proceed.

Note:
The specific functions may slightly differ based on the vehicle make, model and year.

4.2.5 EOBD

The EOBD function allows you to perform emission-related diagnostics for your vehicle.

To perform EOBD/OBD-II diagnostics

1. Tap *Diagnostics* > *All* > *EOBD*.

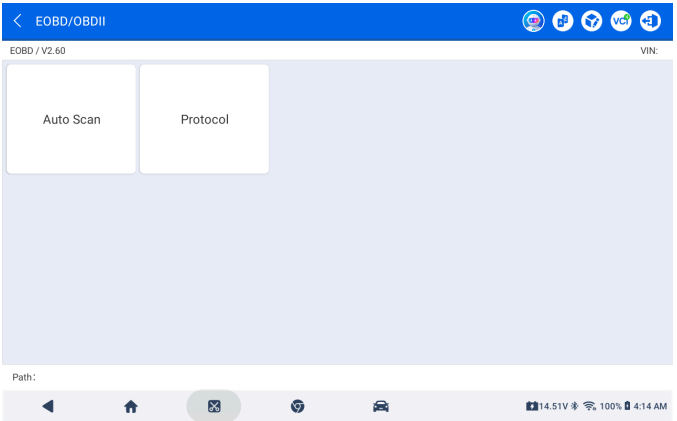


Figure 4-9

2. Select your communication method: *Auto Scan* or *Protocol*.
   - *Auto Scan*: The device automatically communicates with the vehicle and identify which protocol the vehicle uses.
   - *Protocol*: Users need to manually select the communication protocol.

3. After the communication protocol is confirmed, a vehicle status screen displays showing the protocol and other status information of your vehicle.

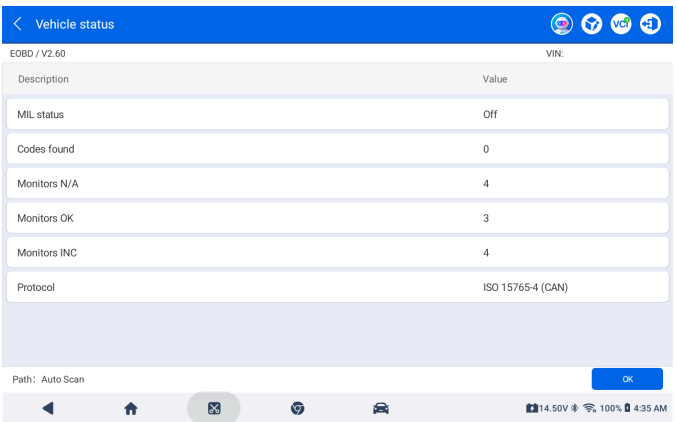


Figure 4-10

4. Tap *OK* to enter the function menu.

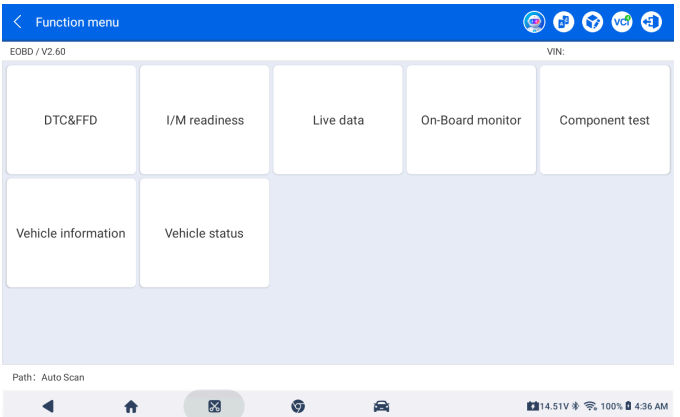


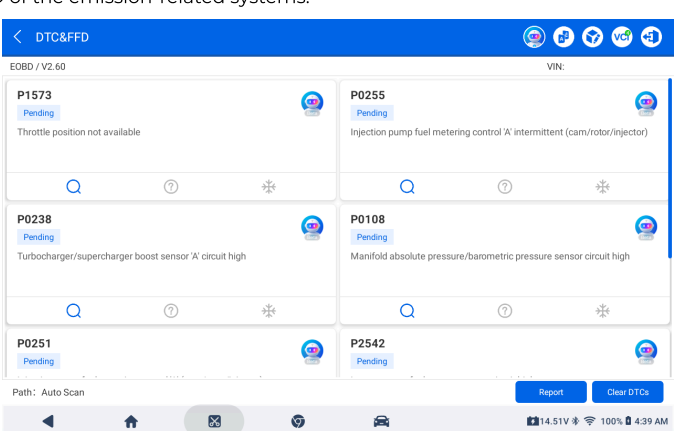
Figure 4-11

5. Select a function to continue. Typical function options may include: DTC&FFD, I/M readiness, Live data, On-Board monitor, Component test, Vehicle information and Vehicle status.

Note:
The functions may vary depending on the vehicle make, model and year.

DTC & FFD (Freeze Frame Data)

This function helps read and clear DTCs stored in the vehicle's ECU and displays FFD of the emission-related systems.



To read DTCs

1. Tap ***DTC&FFD*** from the function menu.
2. Choose the vehicle make.
3. All fault codes are retrieved on the screen. You can tap to search online for more information regarding the fault code or tap to view details.

To clear DTCs

1. Tap ***DTC&FFD*** from the function menu.
2. Choose the vehicle make.
3. Tap ***Clear DTCs*** in the lower-right corner of the screen.

Note:
1. The procedure of clearing DTCs should be performed after the required repair has been carried out. Once confirmed, DTCs and freeze data stored in the ECU will be cleared.
2. DO NOT START UP THE ENGINE WHILE CLEARING DTCS.

To read freeze frame data

1. Tap ***DTC&FFD*** from the function menu.
2. Choose the vehicle make.
3. All fault codes are retrieved on the screen. You can tap to view the freeze frame data.

Note:
The availability of freeze frame data may vary depending on the vehicle make, model and year. Please refer to the actual interface for accurate information.

To generate a report

1. Tap ***DTC&FFD*** from the function menu.
2. Choose the vehicle make.
3. Tap ***Report*** in the lower-right corner of the screen.
4. Manually enter the relevant information and tap ***Confirm > Save***.

Note:
To view the saved reports, you can go to ***User Info > Diagnostic Report > Fault Code Report***.

I/M Readiness

This function checks whether or not the various emission-related systems on the vehicle operate properly, and are ready for I/M testing. It can also be used to check the monitor running status and to confirm if the repair of a car fault has been performed correctly.

Live Data

This function displays the real-time data stream and parameters from the vehicle's ECU.

To read the real-time data stream

1. Tap ***Live Data*** from the function menu.

2. A list of real-time data streams is displayed. You can view details, record data stream, combine up to four data streams in one graph for comparison and generate reports. For detailed operating instructions, please refer to the part ***Read Data Stream*** in ***Section 4.2.3***.

On-Board Monitor

This function displays the test results for emission-related powertrain components and systems that are not continuously monitored.

Component Test
This function helps send control commands to the vehicle's ECU as a way to test and operate the system parts and components.

Note:
Component tests may not be supported on some vehicles, and available tests may vary depending on the vehicle make, model, and year. Please refer to the actual interface for details.

Vehicle Information

This function contains information (provided by the vehicle manufacturer) from the vehicle's ECU.

To view vehicle general information
1. Tap ***Vehicle information*** from the function menu.

2. Tap ***Vehicle general information***.

3. A menu is displayed. Select the desired option to view details.
   - Vehicle ID number (VIN)
   - Calibration ID (CID)
   - Calibration verification numbers (CVN)
   - ECU name

To view vehicle enhance information

1. Tap *Vehicle information* from the function menu.
2. Tap *Vehicle enhance information*.
3. Tap In-sue performance tracking for spark ignition engines (IUPR) for details.

Vehicle Status
This function displays the status of the vehicle, including Engine, Transmission, Codes Found, MIL Status, Monitors and Protocol.

4.2.6 Diagnostic Toolbars

After accessing the diagnostics interfaces, a tool bar is displayed in the upper-right corner of the screen. This section presents a brief introduction to these tools.

Tool Description

Tool	Description
	Tap it to launch the AI tool TopFix, where you can access DTC interpretation, recall information, repair instructions, parts replacement and estimated repair time.
	Tap it to update the translations of the content on the current screen for improved clarity.
	The device allows you to instantly send diagnostic feedback (with diagnostic logs automatically attached) while you are encountering a software problem with the diagnostics operations. The detailed operation steps are presented as below.
	It shows the connection status between the VCI and your tablet. If the icon appears gray, tap it to connect via Bluetooth.
	Tap it to exit the diagnostic procedure. After exiting, you'll need to reconnect the VCI to your vehicle DLC before starting diagnostics again.

Submit Diagnostic Feedback

The device allows you to instantly send diagnostic feedback (with diagnostic logs automatically attached) while you are encountering a software problem with the diagnostics operations.

To send diagnostic feedback

1. Tap the icon  .

2. Manually enter the title, select the type and input the detailed description. In addition, you can attach relevant logs, pictures or videos (if necessary).

3. Tap *Submit* to send the feedback.

4.3 DEMO

This function allows users to experience the diagnostic procedure in DEMO mode.

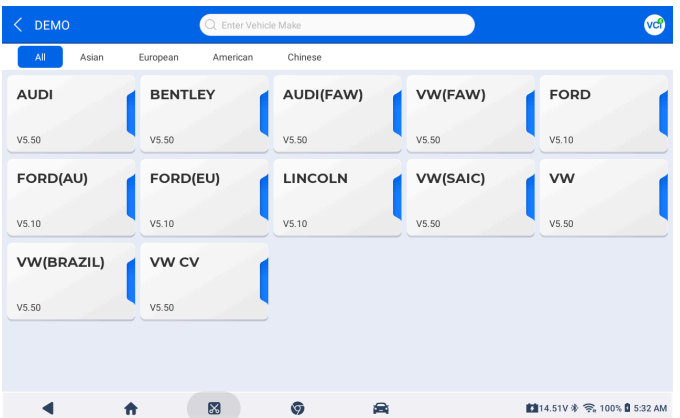


Figure 4-13

Operation steps

1. Tap *DEMO* from the home screen.

2. Tap the desired software from the software menu.

3. For detailed operating instructions, please refer to *Sections 4.2.1 - 4.2.3*.

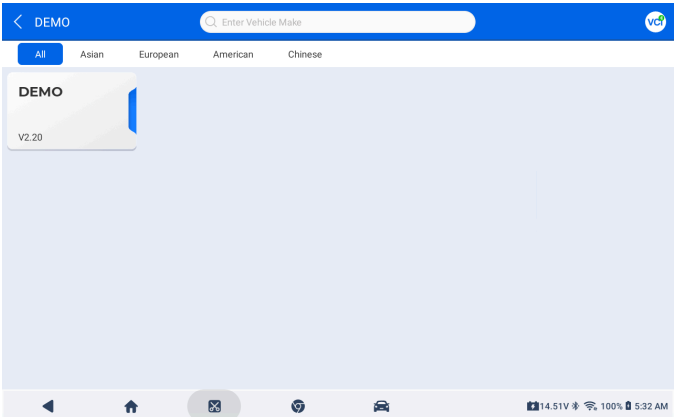


Figure 4-14

4.4 Update

This function allows you to update the app and vehicle-specific software whenever new versions are available.

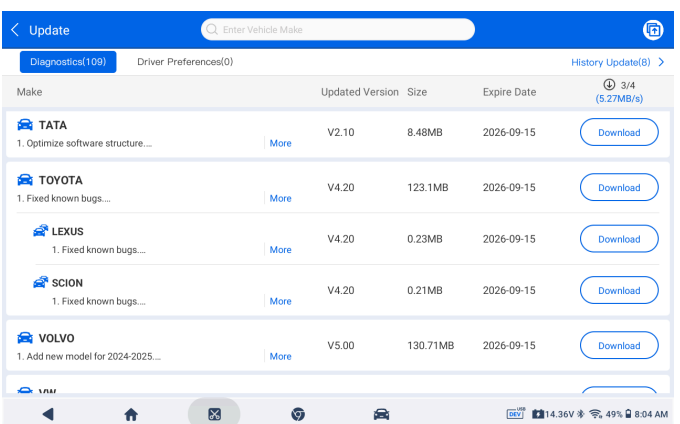


Figure 4-15

To update the app or software

1. Tap *Update* > *Diagnostics* or *Driver Preferences*.
2. Tap the buttons to perform corresponding functions.

Button Description

Button	Description
	Tap to start downloading the selected version.
	Tap to check the current version and update it if a newer version is available.
	Tap to select the available versions in batch.

To view the update history

1. Tap *Update* from the home screen.
2. Select *History Update* to view the details.

4.5 Maintenance

The device offers over 50 maintenance services including Oil Reset, Throttle Adaptation, EPB Reset, Steering Angle Reset, ABS Bleeding, DPF Regeneration, BMS Reset, Injector Coding, Tire Pressure Reset, Airbag Reset, Sunroof Initialization, Seat Calibration, Windows Calibration, Suspension Level Calibration, AdBlue Reset, A/F Reset, NOx Sensor Reset, Stop/Start Reset, AFS Reset, Gear Learning, Language Change, Transport Mode Deactivation, Aftertreatment, Gearbox Matching, EGR Adaptation, Coolant Bleeding, Tire Reset, Engine Power Balance Monitoring, VGT Matching, ODO Reset, DY-ADAS Calibration, EEPROM, Clutch Matching, Speed and Power, FRM Reset, HV Battery, ACC Calibration, AC System Relearn/Initialization, Rainfall Light Sensor, Control Unit Reset, Relative Compression, High Voltage Power Outage, Coolant Replacement, Resolver Sensor Calibration, Camshaft Learning, VIN, Personalization Setting, Motor Angle Calibration, Compressor Test (EV), OBC Test (EV), DCDC Test (EV) and 48V MHEV Test (EV).

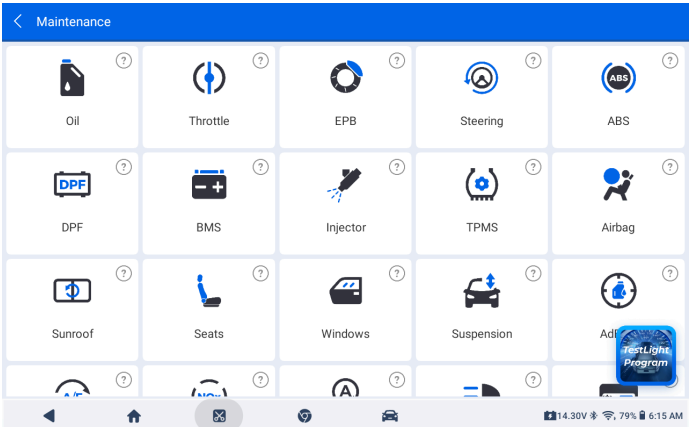


Figure 4-16

4.5.1 Service Overview

This section provides a brief introduction to the supported services for your reference.

Note:
The available service types and quantities may vary depending on the vehicle make, model, and year. Please refer to the on-screen interface for the actual service types and quantities.

Oil (Oil Reset)
If the service lamp is on, it indicates that the car needs maintenance. After maintenance, you need to reset the driving mileage or driving time so that the service lamp turns off and the system enables the new maintenance cycle.

After changing engine oil or electric appliances that monitor oil life, you need to reset the service lamp.

Throttle (Throttle Adaptation)
Use the car decoder to initialize the throttle actuation element so that the ECU learning value returns to its initial status. This ensures more accurate regulation of throttle (or idle motor) operations to control intake air quantity.

Throttle matching must be performed in the following cases:
- The ECU is replaced and does not yet store the throttle working characteristics.
- The ECU is disconnected, and the ECU memory is lost.
- The throttle assembly is replaced.
- The intake passage is replaced or removed, affecting idle speed control by the ECU and throttle body.
- The throttle is cleaned. Although the idle throttle potentiometer characteristics remain unchanged, the intake quantity has changed with the same throttle opening, altering the idle speed control characteristics.

EPB (EPB Reset)
If the brake pad wears down to the brake pad sense line, the brake pad sense line sends a signal to the on-board computer to replace the brake pad. Before removing the brake pads, retract the servo motor screw to the initial position. After replacing the brake pads, adjust the servo motor to the proper position and perform EPB reset.

EPB 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-circuited and has been repaired.
- The servo motor is replaced.

Steering (Steering Angle Reset)
To reset the steering angle, first find the relative zero-point position where the car drives in a straight line. Using this position as a reference, the ECU can calculate the accurate angles for left and right steering.

Steering Angle Reset must be performed after replacing the steering angle position sensor, replacing steering mechanical parts (such as the steering gearbox, steering column, end tie rod, or steering knuckle), performing four-wheel alignment, or recovering the car body.

ABS (ABS Bleeding)
When the ABS contains air, the ABS bleeding function must be performed to bleed the brake system to restore ABS brake sensitivity.

If the ABS computer, ABS pump, brake master cylinder, brake cylinder, brake line, or brake fluid is replaced, the ABS bleeding function must be performed to bleed the ABS system.

DPF (DPF Regeneration)
DPF regeneration is used to regularly clear pm (particulate matter) from the trap using combustion oxidation methods (such as high-temperature heating combustion, fuel additives or catalysts to lower the PM ignition point) to maintain optimal and stable trap performance.

DPF regeneration matching must be performed in the following cases:
- The exhaust backpressure sensor is replaced.
- The PM trap is removed or replaced.
- The fuel additive injector is removed or replaced.
- The catalytic oxygenizer is removed or replaced.
- The DPF regeneration MIL is on, and maintenance is performed.
- The DPF regeneration control module is replaced.

BMS (BMS Reset)
Use the car diagnostic device to reset the car battery monitoring unit to clear original fault information about insufficient battery power. This allows the monitoring unit to rematch the battery and monitor it based on current battery information.

Battery matching must be performed in the following cases:

- Main battery is replaced. Battery matching must be performed to clear the original information about the lack of power, thus avoiding false information detected by the relevant control module, which may cause the failure of some electric auxiliary functions. For example, the automatic start-stop function may fail, the sunroof won't work with one key, and electric windows won't open and close automatically.
- The battery monitoring sensor uses the battery matching function to rematch the control module with the monitoring sensor, so as to detect the battery power usage more accurately and avoid receiving wrong information from instrument prompts, which can cause false alarms.

Injector (Injector Coding)
Write the actual injector code or rewrite the stored code in the ECU to match the codes of the corresponding cylinders, so as to more accurately control or correct the quantity of each cylinder.

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 the injectors to accurately control fuel injection.

TPMS (Tire Pressure Reset)
After the tire pressure Malfunction Indicator Light (MIL) turns on and maintenance is performed, the tire pressure resetting function must be performed to reset the tire pressure and turn off the tire pressure MIL.

Tire pressure resetting must be performed after maintenance is performed in the following cases: tire pressure is too low, tire leaks, tire pressure monitoring device is replaced or installed, tires are replaced, tire pressure sensor is damaged, or tires are replaced on vehicles with tire pressure monitoring function.

Airbag (Airbag Reset)
The function can reset airbag data and clear the airbag collision fault indicator. When the vehicle collides and the airbags deploy, the corresponding DTC of the collision data appears, and the airbag indicator lights up. The DTC cannot be cleared. Since the data in the airbag ECU is disposable, it is necessary to replace the accessories with new ones as required. After executing this function, the data of the airbag ECU can be restored and the DTC can be cleared. The airbag indicator will go out, and the airbag ECU can be used continually.

Sunroof (Sunroof Initialization)
This function is used to set the sunroof lock-up off, auto-close in case of rain, set the memory function of the sliding/tilting sunroof, set the outside temperature threshold, etc.

Seats (Seat Calibration)
This function is used to match replaced or repaired seats with memory function.

Windows (Windows Calibration)
Perform door window matching to recovery the ECU's initial memory, and restore the automatic ascending and descending functions of the power window.

Suspension (Suspension Level Calibration)
This function is used to adjust the vehicle body height.

When the vehicle body height sensor and control module in the air suspension system is replaced or when the vehicle level is incorrect, perform this function to adjust the vehicle body height sensor for horizontal calibration.

AdBlue (AdBlue Reset)
After the diesel exhaust treatment fluid (vehicle urea) is replaced or filled up, urea reset operation is required.

A/F (A/F Reset)
This function is used to set or learn Air/Fuel ratio parameters.

NOx (NOx Sensor Reset)
This function is used to detect the NOx content in engine exhaust gas. When the NOx fault is reinitialized and the NOx catalytic converter is replaced, it is necessary to reset the catalytic converter learned value stored in the engine ECU.

Stop/Start (Stop/Start Reset)
This function can enable or disable the automatic start-stop function by setting the hidden function in the ECU (provided that the vehicle has a corresponding hidden function supported by hardware).

AFS (AFS Reset)
This function is used to initialize the adaptive headlight system. The adaptive headlight system determines whether to automatically turn on the headlights based on ambient light intensity, monitors driving speed and vehicle body posture, and adjusts the headlight lighting angle as needed.

Gear (Gear Learning)
This function must be performed after the engine ECU, the crankshaft position sensor, or the crankshaft flywheel is replaced, or if the DTC “tooth not learned” is present.

Language (Language Change)
This function can change the system language of the vehicle central control panel.

Transport (Transport Mode Deactivation)
When the vehicle is parked in the garage for a long period of time, the vehicle can be set to transportation mode to reduce power consumption. In transport mode, some vehicle functions are disabled or restricted, such as limiting vehicle speed, preventing the network from waking up when doors are opened, and disabling the remote-control key. In this case, deactivate the transport mode so that the vehicle can function normally.

Aftertreatment (Aftertreatment)
After the GPF is used for a long time, fuel consumption is increased and engine output power is reduced. In this case, the GPF replacement or regeneration must be performed.

Gearbox (Gearbox Matching)
This function helps complete the gearbox self-learning to improve gear shifting quality.

After the gearbox is disassembled or repaired (after the car battery is disconnected for some car series), it may lead to shift delay or shock problems. In this case, perform this function to make the gearbox compensate automatically according to driving conditions, aiming to achieve more comfortable and ideal shift quality.

EGR (EGR Adaptation)
This function is used to learn the Exhaust Gas Recirculation (EGR) valve after it is cleaned or replaced.

Water Pump (Coolant Bleeding)
This function can activate the electronic water pump before venting the cooling system.

Tire (Tire Reset)
This function can set the parameters of the size of the modified or replaced tire.

Power Balance (Engine Power Balance Monitoring)
It is used to monitor crankshaft acceleration in the power stroke of each cylinder, to determine the relative power provided by each cylinder.

VGT (VGT Matching)
Use this function for learning after replacement of the boost system components or after resetting the turbocharger learning value.

ODO (ODO Reset)
This function is used to copy, write, or rewrite mileages. Specifically, it involves using a diagnostic device and data cable to copy, write, or rewrite the chip data in the odometer, so that the odometer displays the actual mileage.

ODO Reset must be performed when the mileage is not correct due to the damaged vehicle speed sensor or the odometer failure.

DY-ADAS（DY-ADAS Calibration)
Without the need for auxiliary calibration tools and targets, the car automatically completes calibration and learning after replacing ADAS sensors, including millimeter-wave radar, lidar, single or binocular cameras, and satellite navigation systems.

EEPROM (EEPROM)
Electrically Erasable Programmable Read-Only Memory (EEPROM) is primarily used to store critical system parameters and data that must be retained even after power-off.
Through the OBD interface, data operations can be performed on the EEPROM within the ECU, including reading, resetting, clearing, and backing up data. For example, the original coding file can be read from the source ECU and backed up, and then written into the EEPROM of a new ECU.

Clutch (Clutch Matching)
Clutch pedal position or switch learning. After replacing or removing critical components such as the ECU, gearbox, or clutch, the system must learn the clutch's contact point to properly transmit engine torque. This is applicable to adaptive clutch.

During vehicle startup, lightly press the accelerator pedal to confirm smooth clutch engagement. A correct contact point ensures smooth engagement when pressing the accelerator pedal. If the RPM is too high or if there is noticeable jerking, the clutch contact point is incorrect, and the clutch matching function must be performed.

Speed & PTO (Speed and Power)
Used to configure the vehicle's maximum speed or engine power.

FRM (FRM Reset)
Clears short circuit faults in the lighting system.

HV Battery (HV Battery)
Used for high voltage battery diagnosis and status information detection.

ACC (ACC Calibration)
Used for the replacement and matching of vehicle intelligent cruise control modules after repair.

A/C (AC System Relearn/Initialization)
If the vehicle air conditioner's ECU is replaced, an actuator is replaced, or the memory of the ECU is lost, A/C initialization learning is required.

Rain/Light (Rainfall Light Sensor)
The rain sensor adjusts wiper frequency. The light sensor modifies headlight brightness based on ambient lighting. This function allows for parameter adjustment.

ECU Reset (Control Unit Reset)
ECU reset is required after executing coding functions in certain systems.

Relative Compression (Relative Compression)
Compression problems are identified by comparing the average starter motor speed of each cylinder to the average speed of all cylinders.

HVPO (High Voltage Power Outage)
Considering safety factors in power control and drive systems of new energy vehicles, high voltage disconnection is required when working on certain electrical equipment.

Coolant Replacement (Coolant Replacement)
The performance of the coolant degrades over time during normal use and needs to be replaced within periodically.

Resolver Sensor (Resolver Sensor Calibration)
Known as a resolver, it is a position sensor commonly used in motor control. It is used to detect the rotor position of the motor and provide critical information for motor control.

Importance of Calibration: Due to mechanical installation tolerances and other factors, the angle captured by the sensor may deviate from the actual rotor position. Therefore, calibration is required to calculate and compensate for these deviations, ensuring accurate motor control.

Camshaft (Camshaft Learning)
Mainly refers to the calibration process of the camshaft position. This process typically involves precise adjustment of the camshaft position to ensure its accuracy and stability during engine operation.

VIN (VIN)
Gateway module data calibration. After replacing the gateway control unit, there may be a VIN (Vehicle Identification Number) inconsistency, so the VIN needs to be updated.

Customize (Personalization Setting)
Some vehicles allow reconfiguration of locked functions at a later stage.

Motor Angle (Motor Angle Calibration)
There is a deviation between the rotor position detected by the motor's angular position sensor and the actual rotor magnetic field position. Therefore, motor angle calibration is required.

Compressor Test (EV)
Compressor Test evaluates the operation and efficiency of the compressor in electric vehicles.

OBC Test (EV)
OBC Test evaluates the charging performance of the electric vehicle's on-board charger (OBC).

DCDC Test (EV)
DCDC Test evaluates the operation of the DC-DC converter, converting high-voltage input to low-voltage output.

48V MHEV Test (EV)
48V MHEV Test evaluates the performance and power output of 48V mild hybrid system components.

4.5.2 Perform Maintenance Services

1. Tap Maintenance from the home screen to display the function menu.

2. Select the desired service.

3. Choose the vehicle-specific diagnostic software.

4. Identify the vehicle using the VIN or make. (For details on identification, see the *Section 4.2.1*.) Once the vehicle is identified, the app automatically takes you to the function display screen.

5. Follow the on-screen instructions to perform the service reset.

4.6 Tester

When used in combination with BTMobile ProS, the tablet allows you to perform battery test, cranking test, charging test and system test on vehicle batteries through the Tester feature.

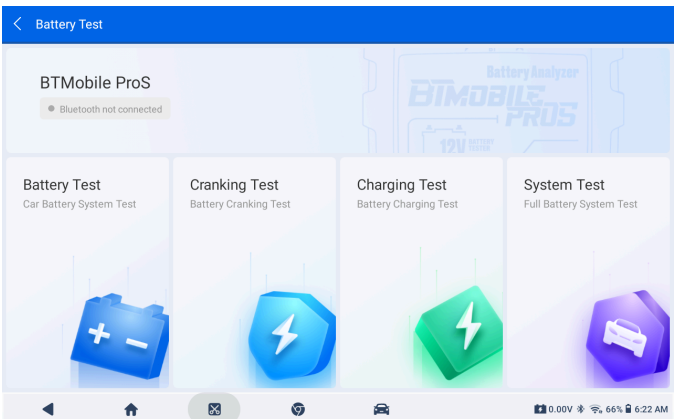


Figure 4-17

Note:
The BTMobile ProS is sold separately.

Before performing this function, a Bluetooth connnection between the tablet and BTMobile ProS is required.
To establish a Bluetooth connection between the tablet and BTMobile ProS:

1. Connect the red clamp of the BTMobile Pros to the positive battery terminal and its black clamp to the negative battery terminal. Once securely connected, the green indicator on the BTMobile ProS lights up.

2. Tap ***Tester*** from the homepage of the tablet.

3. Tap ***Bluetooth not connected*** to access the Bluetooth list.

4. Tap ***BTMobile ProS*** to establish a Bluetooth connection.

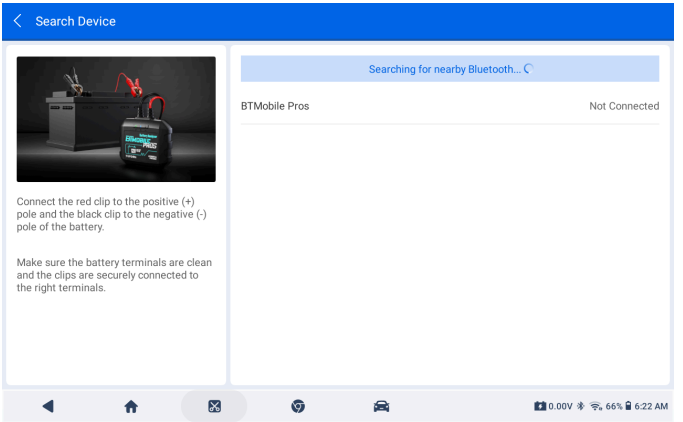


Figure 4-18

5. Once the Bluetooth connection is established, the app automatically takes you back to the ***Battery Test*** interface, and the icon Bluetooth not connected anges to Bluetooth connected

As for how to perform tests, you can go to *Library > User Manual > BTMobile ProS* to read the BTMobile ProS user manual.

4.7 Driver Preferences

This function allows the reconfiguration and activation of hidden or optional vehicle features according to driver preferences, and enables customization of settings that are not accessible by default, providing a more personalized driving experience.

Note:
This function is supported exclusively on the ONE tablet and is not available on the ONE Lite tablet.

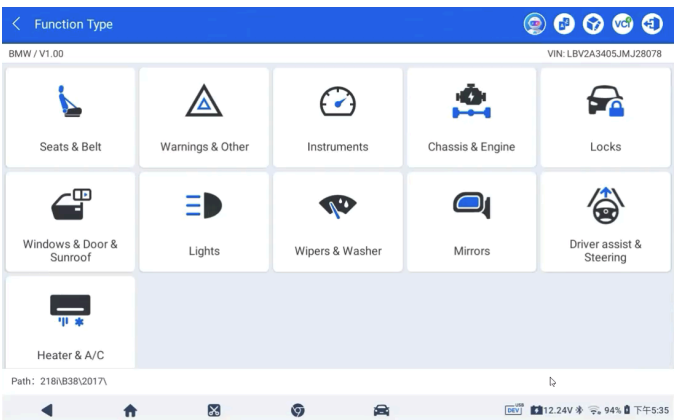


Figure 4-19

To configure driver preferences

1. Tap *Driver Preferences* from the home screen.
2. Select the corresponding vehicle-specific software to customize driver preferences.
3. Identify the vehicle by automatic VIN detection or manually selecting the vehicle make, model and year.
4. Once communication between the tablet and the vehicle is established, the function menu appears.
5. Tap the desired function and then proceed based on the on-screen prompts to complete the configuration.

Note:
The specific functions may vary depending on the vehicle make, model and year. Please refert to the actual interface for details.

After configuring a function, you can tap *Restore Data* to undo the changes and restore the feature to a previously created backup state.

4.8 Library

The library includes DTC repair guide, technical service bulletin, DLC location diagrams, a warning light library, vehicle coverage lookup, a battery database, and electronic copies of the ONE/ONE Lite and BTMobile ProS user manuals. In addition, it provides quick access to the default browser, official technical support, quick support and the TOPDON official community.

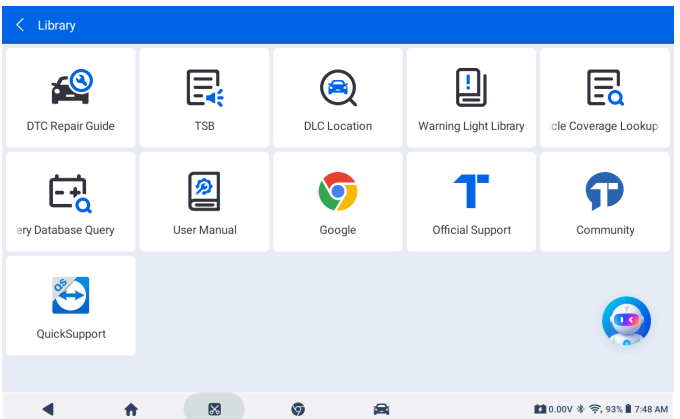


Figure 4-20

4.8.1 DTC Repair Guide

DTC Repair Guide is an experience-based database that provides code-specific information, including common fixes and repair steps for identified faults.

To access DTC Repair Guide

1. Tap *Library* > *DTC Repair Guide*.

2. Choose a vehicle make, enter a DTC to read the detailed information including reasons, signs, description and repair steps.

4.8.2 TSB (Technical Service Bulletins)

TSB provides access to manufacturer-issued technical bulletins that describe known vehicle issues, repair procedures, and service recommendations. This helps technicians identify and resolve problems more efficiently.

To view Technical Service Bulletins

1. Tap *Library* > *TSB*.

2. Select the vehicle make, model, year, system and subsystem, and tap ***Next***. A list of OEM technical service bulletins issued for the selected vehicle will display.

3. Tap the desired bulletin to view the full content.

4.8.3 DLC Location

DLC Location provides diagrams showing the position of the vehicle's Data Link Connector (DLC), helping users quickly locate the diagnostic port for connection.

To view DLC location

1. Tap *Library > DLC Location*.
2. Select vehicle make, model and year, and tap ***Next***. Diagrams of the DLC location for the selected vehicle will display.

4.8.4 Warning Light Library

Warning Light Library provides information on dashboard warning lights, including light descriptions, impacts on driving, typical causes, responsive measures and relevant FAQs.

To use Warning Light Library

1. Tap *Library > Warning Light Library*. A list of warning lights will display.
2. Tap the desired warning light to view the details.

4.8.5 Vehicle Coverage Lookup

This feature enables you to check whether your vehicle is supported by the device.

To check vehicle coverage

1. Tap *Library > Vehicle Coverage Lookup*.
2. Choose your software type and name.
3. Select the vehicle model, year, system, function and sub-function from the drop-down list. A list of relevant vehicle information is displayed.

4.8.6 Battery Database Query

Battery Database Query enables users to search for detailed battery specifications for the selected vehicle.

To query compatible battery specifications

1. Tap *Library > Battery Database Query*.
2. Choose your vehicle type, make, model, year and engine displacement (CC).
3. Tap ***Next***. The app displays a list of vehicle information and battery information.

4. To view more details on the battery specifications, tap ***Learn More***.

4.8.7 User Manual

This feature provides electronic versions of ONE/ONE Lite and BTMobile ProS user manuals.

4.8.8 Official Support

It provides quick access to TOPDON's official support page, where users can view detailed product introduction, download relevant documents, and contact technical support for assistance.

To obtain official support

1. Tap ***Library > Official Support***.
2. Manually enter the product name and tap ***Search***.
3. Tap ***Learn More***. The app displays the official website of the product.
4. Tap the desired function button to perform the related operation.

4.8.9 Quick Support

This feature enables you to get timely technical support if necessary.

4.8.10 Community

It provides access to TOPDON's official user community, where users can view official announcements, share diagnostic experiences, and discuss product-related topics.

To access the official community

1. Tap ***Library > Official Support***.
2. Log in with your TOPDON account.
3. After a successful login, the app redirects you to the homepage of the TOPDON community.

4.9 Mall

The Mall enables users to purchase or renew TOPDON software prodcuts and servcies, including gateway access, software packages and more.

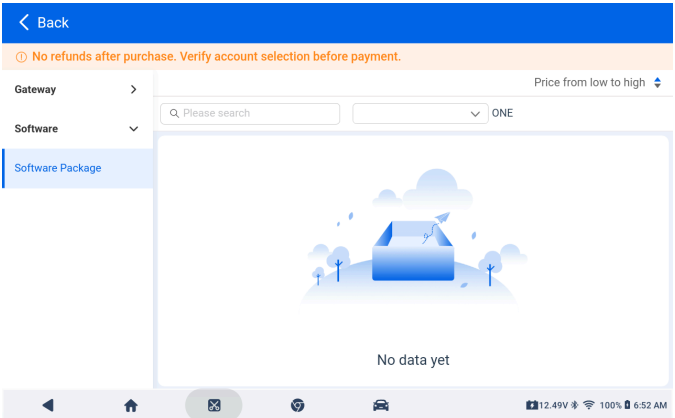


Figure 4-21

To purchase software products or services

1. Tap *Mall* from the home screen.
2. Select or search for the desired product or service to purchase or renew.

Note:
To view the historical orders, go to *User Info* > *Order Management*.

4.10 User Info

The User Info function allows you to access a range of options, including Folder, Vehicle Software Management, Customer Feedback, User Info, Workshop Data Management, Firmware Update, Order Management, Rights Inquiry and Settings.

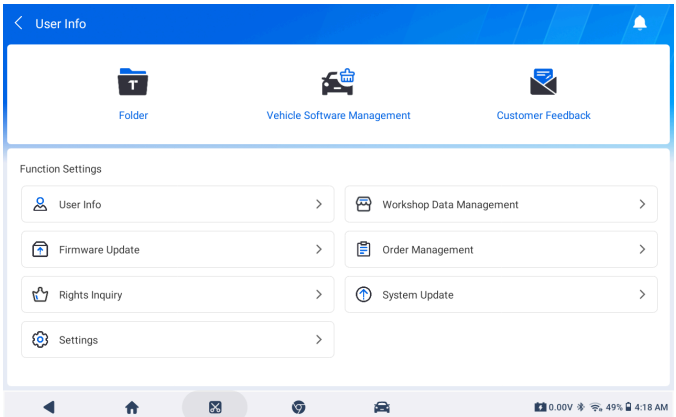


Figure 4-22

4.10.1 Folder

This feature contains diagnostic reports, replay data, battery test reports, screenshots, screen recordings, photos and an access to the file manager.

To view diagnostic reports

1. Tap *User Info > Folder > Diagnostic Report*.
2. Filter the diagnostic report via *All/System Report/Fault Code Report/Data Stream Report*.
3. Tap the desired report to view details.

To view replay data

1. Tap *User Info > Folder > Replay Data*.
2. Tap the desired data stream recordings to view details.

Note:

To delete the recordings, tap the icon , select the desired replay data and tap *Delete*.

To view battery test reports

1. Tap *User Info > Folder > Battery Test Report*.
2. Filter the diagnostic report via *All/Battery Test/Charging Test/Cranking Test/ System Test*.

3. Tap the desired report to view details.

To view replay data

1. Tap *User Info > Folder > Replay Data*.
2. Tap the desired data stream recordings to view details.

Note:

To delete the recordings, tap the icon  , select the desired replay data and tap *Delete*.

To view battery test reports

1. Tap *User Info > Folder > Battery Test Report*.
2. Filter the diagnostic report via *All/Battery Test/Charging Test/Cranking Test/ System Test.*
3. Tap the desired report to view details.

To view saved pictures and videos

1. Tap *User Info > Folder > Gallery*.
2. Filter the diagnostic report via *ALL/TAKE PHOTO/SCREENSHOTS/SCREEN REC*.
3. Tap the desired picture or video to view details.

To access file management

1. Tap *User Info > Folder > File Manager*.
2. Tap the desired option to view details.

4.10.2 Vehicle Software Management

This function allows you to remove previously installed diagnostic software.

To uninstall vehicle-specific diagnostics software

1. Tap *User Info > Vehicle Software Management*.
2. Choose the corresponding VCI serial number and function type from the drop-down list or manually enter the vehicle make to search.
3. Choose the desired software from the list and tap *Delete*.

4.10.3 Customer Feedback

This feature enables users to submit feedback on our products and services.

To submit feedback

1. Tap *User Info > Customer Feedback*.

2. Manually input the title, choose the feedback type and enter the problem description. In addition, you can attach relevant logs and pictures or videos if necessary.

3. Tap *Submit*.

4.10.4 User Info

This function allows you to view your ID and email address, update avatar and nickname, enable or disable two-factor authentication, change password, delete account and log out.

Warning:
Account deletion is irreversible and cannot be undone. Once the account is deleted, all data stored in the account will be cleared.

4.10.5 Workshop Data Management

This function enables you to save and edit the information of workshops, technicians and customers.

4.10.6 Firmware Update

This function helps you to update the firmware if a new version is available.

4.10.7 Order Management

This function allows you to view order details and delete orders.

4.10.8 Rights Inquiry

Rights Inquiry provides services for checking SN validity, querying remaining gateway access, and viewing other user rights.

4.10.9 System Update

This function enables users to update the software if a new version is available.

Note:
The system cannot be updated when the battery is low.

4.10.11 Settings

This feature allows you to access system settings, view storage details, set the auto-lock interval, change languages and units, switch device modes, check product and service information, and log out.

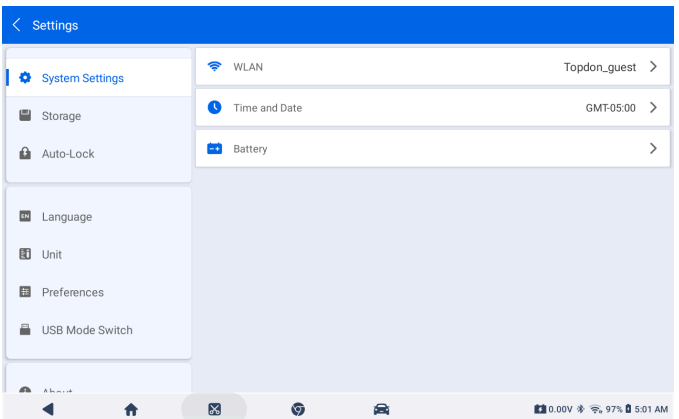


Figure 4-23

System Settings

It includes options for configuring Wi-Fi, date and time, and battery settings.

To access system settings

1. Tap *User Info* > *Settings* > *System Settings*.
2. Tap the desired option to configure the corresponding settings.

Storage

This feature allows you to view storage details, clear cache and perform factory reset.

To view storage details

1. Tap *User Info* > *Settings* > *Storage*.
2. View the storage usage details displayed on the screen.

To clear cache

1. Tap *User Info > Settings > Storage*.
2. Tap the desired folder to clear its cache.
3. Tap *Confirm*.

Warning:
Please exercise caution when you perform this function as it is irreversible.

To perform factory reset

1. Tap *User Info > Settings > Storage*.
2. Tap *Factory Reset*.
3. Choose the desired option.

Warning:
Please exercise caution when you perform this function as it is irreversible.

Auto-Lock
This feature enables you to set the auto-lock interval of the screen.

To set the auto-lock interval

1. Access the interface via *User Info > Settings > Auto-Lock*.
2. Select the desired option from the list.

Language

Using this function, users can switch the display language.

To switch languages

1. Tap *User Info > Settings > Language*.
2. Select the desired language from the list, then tap *Confirm*.

Note:
After switching the language, you may need to download the corresponding vehicle-specific diagnostic software again to ensure normal operation.

Unit

This feature allows users to switch between metric and imperial measurement units.

To change measurement units

1. Access the interface via *User Info > Settings > Unit*.
2. Select *Metric* or *Imperial* as desired. The new unit settings will be applied automatically.

Preferences
This feature allows you to customize settings such as enabling readiness data and fault code display in the diagnostic report.

USB Mode Switch

The tablet provides two USB operation modes: HOST Mode and Device Mode. In HOST Mode, the tablet functions as a host to connect and control external USB devices. In Device Mode, it operates as a peripheral for data exchange with a computer. Users can select a mode according to the specific application requirements.

Note:
The HOST mode must be enabled before connecting the tablet to the VCI via a USB cable or Wi-Fi.

To switch the modes

1. Tap *User Info > Settings > USB Mode Switch*.

2. Choose the desired mode from the list.

About

This feature provides access to update check, terms of service, and the privacy policy.

ONE/ONE Lite

This feature displays detailed information about the device, including the device name, product model, Android version, system version, IP address, app version, tablet serial number, registration code, VCI firmware version, Bluetooth address, total storage capacity, and remaining storage capacity.

Logout

This feature enables you to log out of the current account.

To log out

1. Tap *User Info > Settings > Logout*.

2. Tap *Confirm*.

4.11 VCI Extended Application

Apart from being used in combination with the tablet, the ONE VCI can also function as a standalone J2534 interface, working with the RLink Platform to communicate with OEM diagnostic software. For more information on downloading the RLink Platform and using the ONE VCI with it, please visit the website at: https://www.topdon.com/pages/pro-down?fuzzy=RLink%20J2534

SECTION 5 SPECIFICATIONS

Display Screen	10.1-inch Touchable Screen, 1280 × 800
CPU	8-Core
RAM	4 GB
ROM	128 GB
Battery Capacity	3.8 V, 10,000mAh
Camera	16 MP
Connectivity	Bluetooth 5.0/SPP
	USB
	Wi-Fi
Sensor	Gravity Sensor
	Light Sensor
Audio I/O	Microphone
	Loudspeaker
Working Voltage	12 V
Working Temperature	-10℃ to 50℃ (14℉ to 122℉)
Storage Temperature	-20℃ to 60℃ (-4℉ to 140℉)
Dimension (L x W x H)	311 x 207 x 39mm (12.2 x 8.15 x 1.54 inches)
Net Weight	1.56 kg (3.47 lb)

SECTION 6 FAQ

Q What maintenance services does the product support?

A Over 50 maintenance services are provided, including Oil Reset, Throttle Adaptation, EPB Reset, Steering Angle Reset, DPF Regeneration, ABS Bleeding, BMS Reset, Airbag Reset, etc. For details, please refer to the ***Section 4.5***.

Q Do I need to update the firmware before using the product for the first time?

A Yes. Firmware will automatically update to the latest version once the ONE VCI is connected with your tablet. You can also tap ***User Info > Firmware Update*** to update the firmware manually.

Q Why does the tablet screen flash when the car engine is running?

A That is a normal occurrence caused by electromagnetic interference.

Q Which makes does the device support for OEM topology diagrams?

A The device supports OE topology diagrams for the following brands: GM, Chrysler, Ford, Honda, Toyota, Nissan, Hyundai, BMW, Volkswagen, and Mercedes-Benz.

Q How does the ONE VCI work as a J2534 Pass-Thru device?

A To use ONE VCI as a J2534 Pass-Thru device:

1. Download and install RLink Platform from the official TOPDON website.
2. Launch the RLink Platform and log in with the same TOPDON account used on the tablet.
3. Connect the ONE VCI to a Windows-based computer with the RLink Platform installed using a USB cable, and connect it to the vehicle's DLC using the OBD-II diagnostics cable.
4. Click Bind and Activate to link your ONE VCI to the RLink Platform.
5. Click ***Driver > Driver Download*** to download and install the corresponding OEM driver.
6. Additional steps may vary depending on the vehicle make, model, and year. For detailed instructions, go to ***User Guidance > Quick Guidance > ONE VCI*** to view guidance for supported vehicle makes.

Q Which vehicle makes are supported by the ONE VCI under the J2534 protocol?

A Vehicle makes supported by the ONE VCI under the J2534 protocol are continuously updated. Currently, the supported makes include: GM, Chrysler, Ford, Honda, Hyundai, Kia, Land Rover, Mazda, Mitsubishi, Nissan, Subaru, Toyota, Volvo, and Volkswagen.

Q Does the device support ADAS calibration?

A Yes. It supports dynamic ADAS calibration for certain brands, including BMW, Ford, Peugeot, and Land Rover. Actual supported functions may vary. For detailed information, please check *Maintenance > DY-ADAS* on the device.

Q Can the device still be used after the free software update expires?

A Yes. After the free software update expires, core diagnostic functions remain available, including EOBD, DTC reading and clearing, data streaming, active tests, and maintenance services.

Q Which advanced features will no longer be available after the software expires?

A Some advanced features will no longer be accessible, such as vehicle software updates, OEM topology diagrams, ECU coding, driver preferences configuration, TopFix AI, and gateway unlocking.

Q Does the device support VW Guided Functions?

A Yes. VW Guided Functions are currently supported for makes including Volkswagen, Audi, Škoda, SEAT, Bentley, and Lamborghini. Coverage may change with software updates. For the most up-to-date information, visit our official website or contact customer service.

SECTION 7 WARRANTY

TOPDON's One-Year Limited Warranty

TOPDON warrants to its original purchaser that the company's products will be free from defects in material and workmanship for 12 months from the date of purchase (Warranty Period).
For the defects reported during the Warranty Period, TOPDON will either repair or replace the defective part or product according to its technical support analysis and confirmation.
TOPDON shall not be liable for any incidental or consequential damages arising from the device's use, misuse, or mounting.
If there is any conflict between the TOPDON warranty policy and local laws, the local laws shall prevail.
This limited warranty is void under the following conditions:
• Misused, disassembled, altered or repaired by unauthorized stores or technicians.
• Careless handling and/or improper operation.

Notice: All information in this manual is based on the latest information available at the time of publication and no warranty can be made for its accuracy or completeness. TOPDON reserves the right to make changes at any time without notice.

COMPLIANCE INFORMATION

Regulatory Compliance
Tablet
FCC ID: 2AVYW-TDONE
IC: 32511-TDONE
HVIN: ONE/ONE Lite

VCI
FCC ID: 2AVYW-TDONEVCI
IC: 32511-TDONEVCI
HVIN: ONE VCI

FCC & ISED Statement
This device complies with Part 15 of the FCC Rules [and contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS standard(s)].
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 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, et
(2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

FCC VOC
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.
In case this equipment has to subject to FCC/IC SAR (Specific Absorption Rate) exposure test, this equipment is designed to meet the requirements for exposure to radio waves established by the FCC and ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body is within regulatory limits.

FCC Caution
The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

IC Caution
1. The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
2. For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate.
3. les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
4. le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5725-5850 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

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