# ONE Plus

Smart Automotive Diagnostic Tool **User Manual**




TOPDON®

# CONTENTS


PREFACE ..... 5

SAFETY IS ALWAYS THE FIRST PRIORITY! ..... 6

SECTION 1 WHAT'S IN THE BOX? ..... 8

SECTION 2 PRODUCT OVERVIEW ..... 9

SECTION 3 GETTING STARTED ..... 12

SECTION 4 USING YOUR TOOL ..... 19

SECTION 5 SPECIFICATIONS ..... 71

SECTION 6 FAQ ..... 72

SECTION 7 WARRANTY ..... 74

COMPLIANCE INFORMATION ..... 75

# ENGLISH

# PREFACE

## Welcome

Thank you for purchasing the TOPDON ONE Plus. 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 | 2026-04 | Initial release |
| 2.0 | 2026-09 | Updated Section 3 and Section 4. |

# 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.
- To the maximum extent permitted by applicable law, TOPDON shall not be liable for any direct, indirect, special, incidental, or consequential damages, or any indirect economic losses, including but not limited to loss of profits, arising out of or related to the use of this product or service.
- 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 product 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.
- Exercise extreme caution when working near the ignition coil, distributor cap, ignition wires, and spark plugs. These components can generate hazardous voltages while the engine is running.
- Keep the device clean, dry, and free from oil, water, or grease. When necessary, clean the exterior using a clean cloth lightly dampened with a mild detergent.
- Always consult the specific vehicle's service manual and adhere to all diagnostic procedures and safety warnings. Failure to do so may result in personal injury or equipment damage.
- To prevent equipment damage and inaccurate readings, ensure the vehicle's battery is fully charged and the connection to the Data Link Connector (DLC) is secure.
- Do not place test equipment on or near the vehicle's distributor, as strong electromagnetic interference can severely damage the device.

- There are potential risks of failure, interruption, or abnormal execution during the programming process. Such issues may lead to vehicle malfunctions, control unit damage, module failure, or even prevent the vehicle from starting or operating properly. **Please exercise extra caution when using the programming function.**

- **Proceed with extra caution when using the programming function if you do not have sufficient programming experience or cannot fully assess the potential consequences of the operation.** Any failure may cause related modules to malfunction and affect normal vehicle operation.

- Carefully follow all system prompts and ensure that all required preconditions are met before and during programming, including proper power supply, stable connections, correct vehicle status, and suitable operating environment. If any safety alerts appear, acknowledge them and follow the on-screen instructions before proceeding.

- **Users are solely responsible for any damage to the vehicle, components, data, or related systems resulting from failure to follow these instructions or system requirements during the programming process.**

# 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

· BTMobile ProS (included with ONE Plus)

· TopScan Master (included with ONE Plus)

# SECTION 2 PRODUCT OVERVIEW

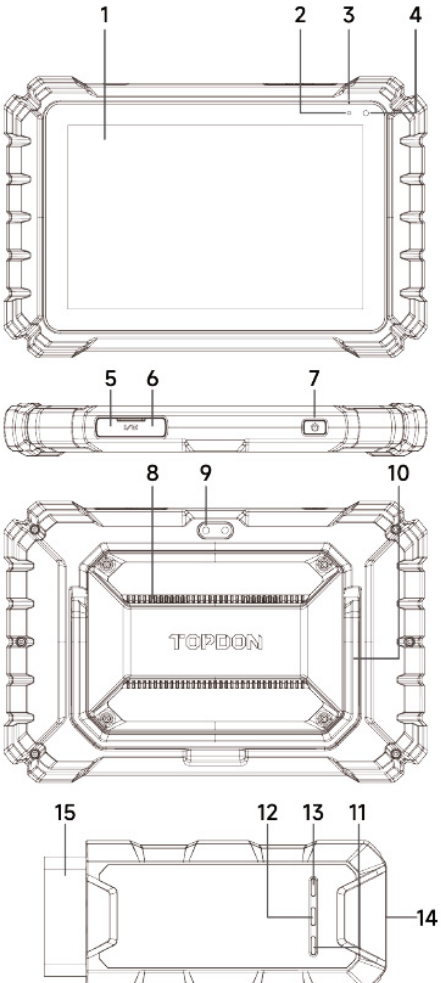



Figure 2-1

**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.<br>• 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.<br>• When the device is off, press and hold the button for 3 seconds to power it on.<br>• 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.

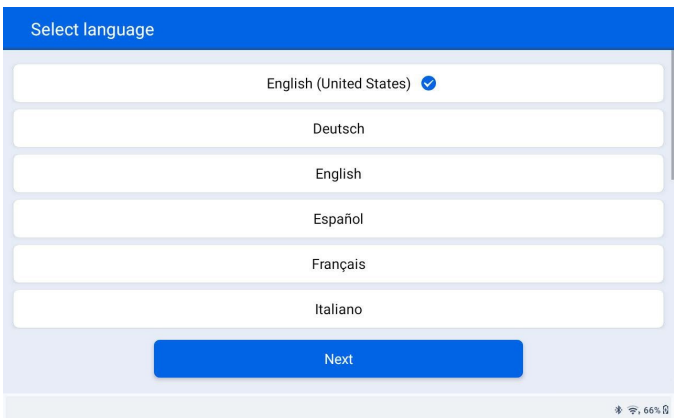



Figure 3-1

2. Choose the appropriate region and time zone.

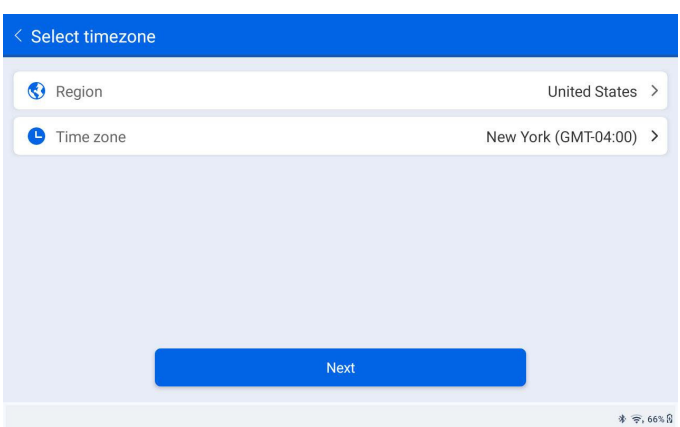



Figure 3-2

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

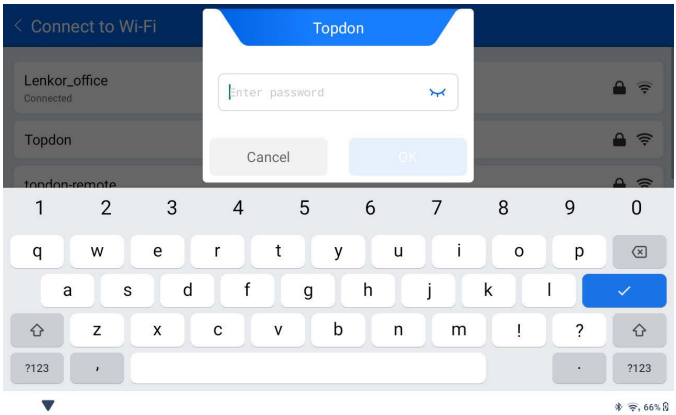



Figure 3-3

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

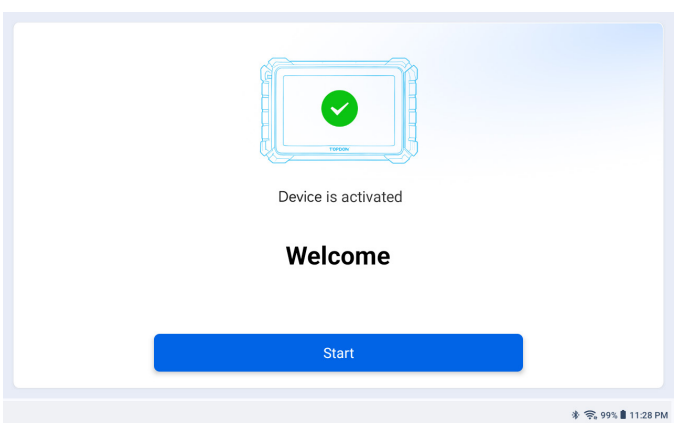



Figure 3-4

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

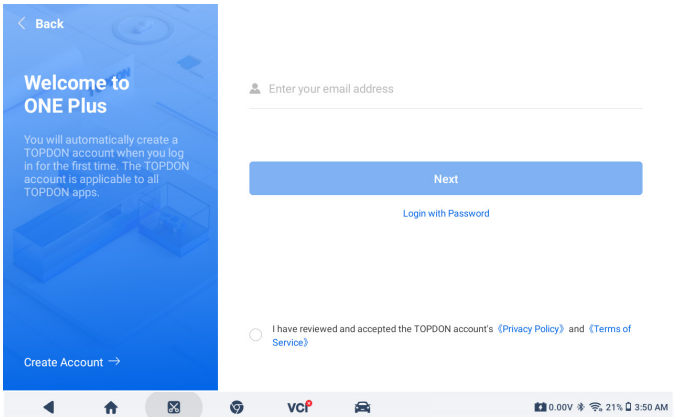



Figure 3-5

◎ Tips:

- 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, lift-to-wake, 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 Connecting the ONE VCI to the Vehicle's DLC

1. Make sure the ignition is always OFF before connecting the ONE VCI to the vehicle's DLC.
2. Directly plug the ONE VCI into the vehicle's DLC, or use appropriate cables or adapters if necessary (see Figure 3-6).

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

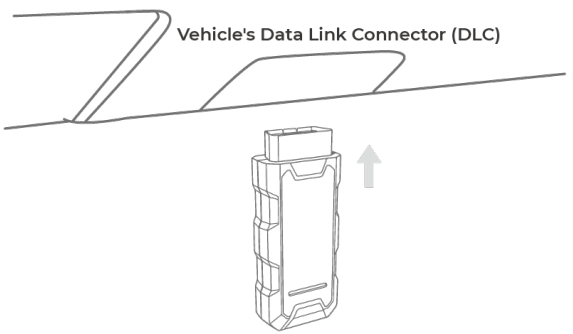



Figure 3-6

### 3.3 Turning "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

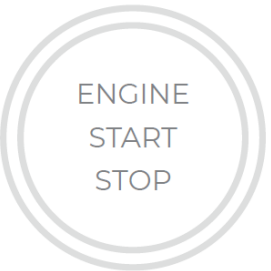



Figure 3-8

### 3.4 Connecting 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. Tap the icon in the bottom of the screen. Alternatively, tap *Diagnostics* from the home screen and tap the icon in the upper right corner of the screen.

2. Tap *Wi-Fi Connection*.

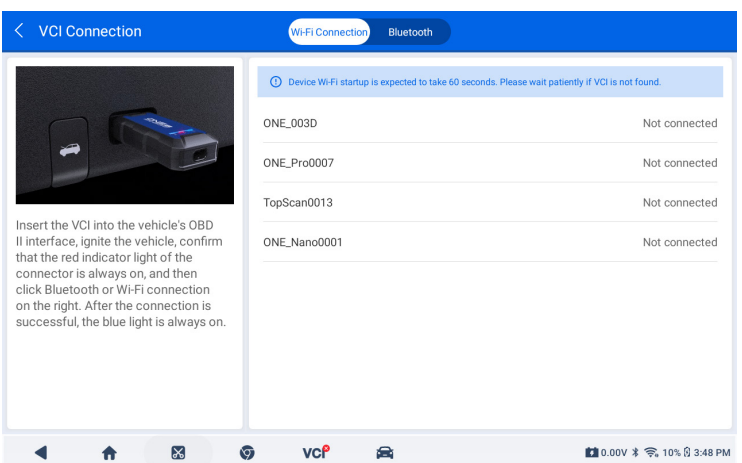



Figure 3-9

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.

**Method 2: Bluetooth Connection**

1. Tap the icon  in the bottom of the screen. Alternatively, tap *Diagnostics* from the home screen and tap the icon  in the upper right corner of the screen.
2. Tap *Bluetooth*.
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.

**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. Use the USB cable (USB-A to USB-C) to connect the VCI and the tablet.
2. Once the wired connection is established, the connection indicator on the VCI illuminates solid blue, and the icon  appears in the upper-right corner on the screen.

◎ 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 normal communication.
- 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 switching automatically.

# SECTION 4 USING YOUR TOOL

Before performing diagnostics, ensure that the VCI is connected to the tablet as described in *Section 3*.

## 4.1 Home Screen

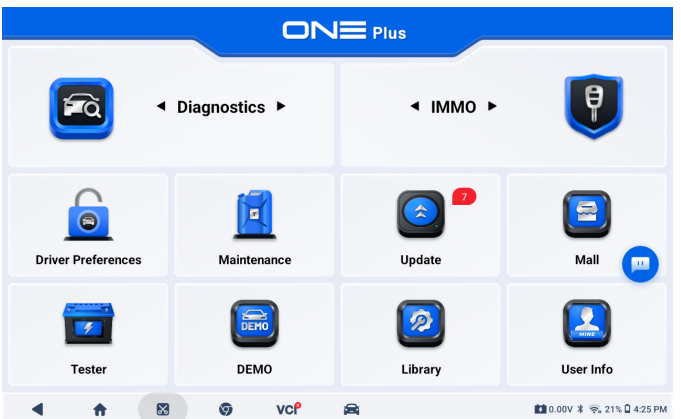



Figure 4-1

**Function Buttons**
The home screen includes ten 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 and clearing Diagnostic Trouble Codes (DTCs), viewing data streams, reading Electronic Control Unit (ECU) version information, performing hot functions, conducting active tests and unlocking security gateways. |
| IMMO | This feature enables the diagnostic tool to communicate with the vehicle immobilizer system and perform key-related operations. |
| Driver Preferences | It 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.



Update

This feature enables users to update the vehicle-specific software and the app whenever a new version is available.



Mall

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



Tester

This feature enables 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.



Library

This feature allows you to access reports (System Report, Fault Code Report, and Data Stream Report), and relevant data.




User Info

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



Online Chat

This feature allows you to access the online chat tool to communicate with customer support. The chat icon appears as a floating button and can be dragged anywhere on the screen.

**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. |
|  VCI Status | Indicates the connection status of the ONE VCI. Tap this button to open the Wi-Fi/Bluetooth connection list. |
|  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 with one touch (Auto Scan or Quick Scan) for DTCs or select an individual system to retrieve and clear DTCs, view data streams, read ECU information, perform hot functions, run active tests, and access coding features. It also provides access to EOBD & OBD-II functions and gateway unlocking.

ⓘ Notes:
- 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 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 and parts replacement suggestions. |
|  | Tap it to update the translations of the content on the current screen for improved clarity. |
|  | Tap it 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 displays the connection status between the VCI and the tablet. If the icon is gray, tap it to connect via Bluetooth or Wi-Fi, or connect the VCI directly to the tablet using a USB cable. |
|  | Tap it to exit the current session. After exiting, the connection between the VCI and the vehicle's DLC must be re-established if you want to restart the procedure. |

**Submitting 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. 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.

### 4.2.2 Identifying 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.

#### Identifying via VIN

1. Ensure that the vehicle-specific software matching the actual vehicle make has been downloaded via *Update > Diagnostics*.
2. Return to the home screen and tap *Diagnostics > VIN*.

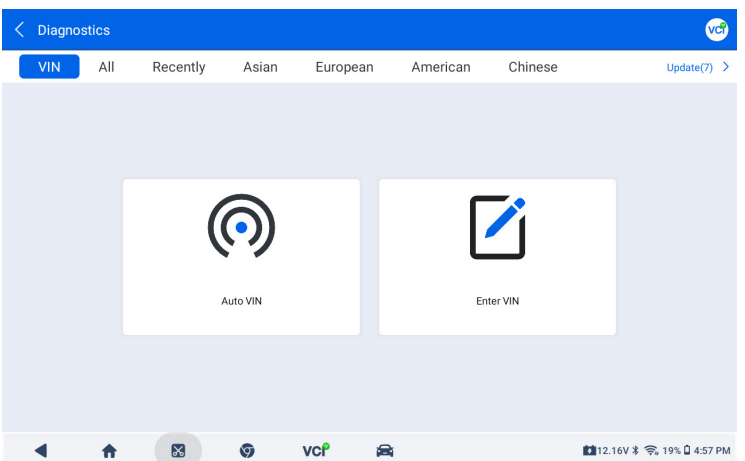



Figure 4-2

3. 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*.

4. Tap *Confirm*.

#### Identifying via Make

1. Ensure that the vehicle-specific software matching the actual vehicle make has been downloaded via *Update > Diagnostics*.
2. Return to the home screen and tap *Diagnostics > All*. A menu of vehicle-specific diagnostic software displays.

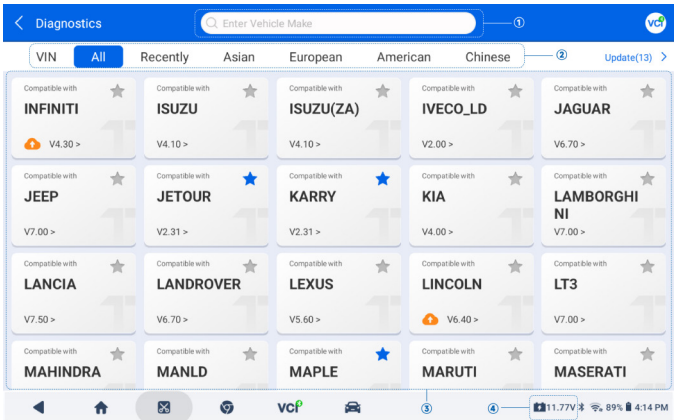



Figure 4-3

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.

③ Manufacturer (Vehicle Make) Options

④ Vehicle Battery Voltage Icon

3. Select a vehicle make from the make menu or type it in the search bar.

◎ Tips:

- A demonstration mode (*DEMO* option in the make menu) is provided to help you better understand the diagnostic functions and operation procedures.
- Frequently used vehicle-specific diagnostic applications can be added to *Favorites* by tapping the star icon , and accessed later in *Recently*.
- The icon indicates that a new version is available. Tapping it will take you to the *Update* screen.
- To view version details, tap the version number of each application.

4. Tap *Automatic*, *Manual* or *System* 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 the vehicle information to assist the device in identifying the vehicle.
   - *System*: Manually select the vehicle make and system.

5. 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. Refer to the actual interface.

### 4.2.3 Auto Scan

After the device identifies your vehicle, *Auto Scan* can detect all systems supported by the vehicle and retrieves DTCs for all of these systems, providing a complete health check of the vehicle. Performing an Auto Scan before and after repairs can help with troubleshooting and verifying the repairs. Pre- and post-scan reports 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.

**Performing an Auto Scan**

1. After the vehicle is identified using the methods described in *Section 4.2.2*, confirm the vehicle information and follow the on-screen instructions until the *Main Menu* is displayed.
2. Tap *Auto scan* from the main menu.
3. On the *System List* screen, tap *Auto Scan* at the bottom of the screen.

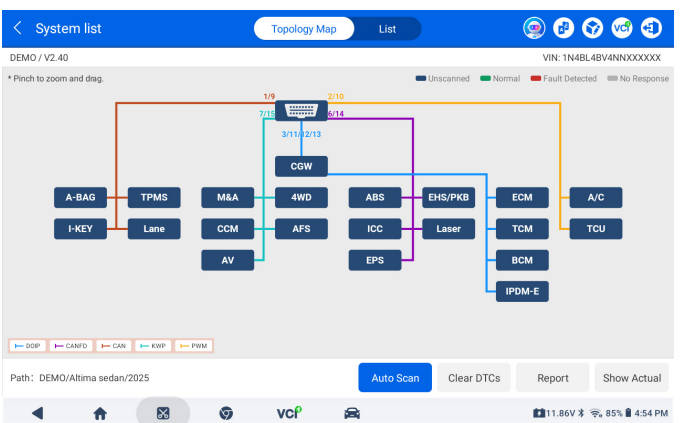



Figure 4-4

4. The tablet scans all supported systems and automatically retrieve DTCs.

5. The results can be viewed in two formats: Topology Map (see figure 4-5) and List (see figure 4-6).

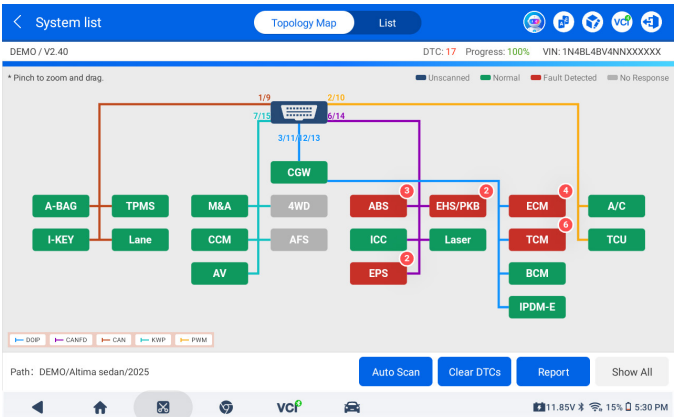



Figure 4-5

The topology map provides a visual diagram of module communication networks, clearly showing ECU connections and post-scan status for faster troubleshooting.

ⓘ Note:
The topology map is available only when the device has an active network connection.

◎ Tips:
- 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.
- The legends in the upper-right corner indicates different system statuses:
  - Navy Blue: System not scanned
  - Green: No DTCs detected within the system
  - Red: DTCs detected in the system
  - Gray: System not responding
- The legends in the lower-left corner allow you to highlight systems on a selected line. To return to the full system view, tap the screen.

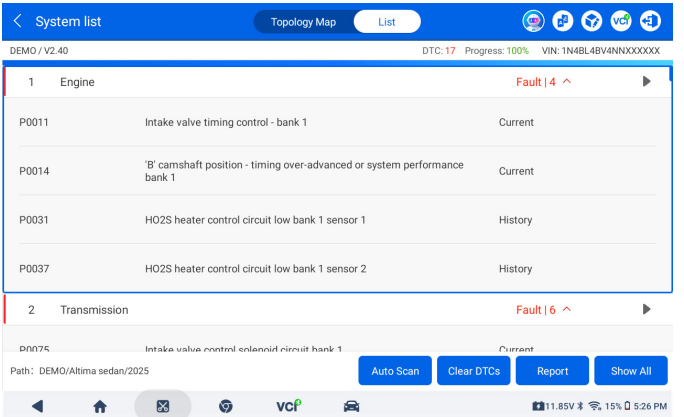



Figure 4-6

The list displays all systems configured on the vehicle. Systems with DTCs detected are marked with a red *"Fault"* and the number of DTCs, while systems without DTCs are labeled *"Normal | No DTCs"*.

6. Tap a function button in the lower right corner to perform the corresponding action.

   *Clear DTCs*
   Clears all retrieved DTCs.

   *Report*
   Saves the current scan results as a report. (To view saved reports, go to *User Info > Folder > Diagnostic Report > System Report*.)

   *Show All / Show Actual*
   Toggles between displaying all vehicle systems and only supported systems.

### 4.2.4 Quick Scan

Different from ***Auto Scan***, which scans supported systems one by one for DTCs, ***Quick Scan*** scans all configured systems simultaneously.

ⓘ 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.

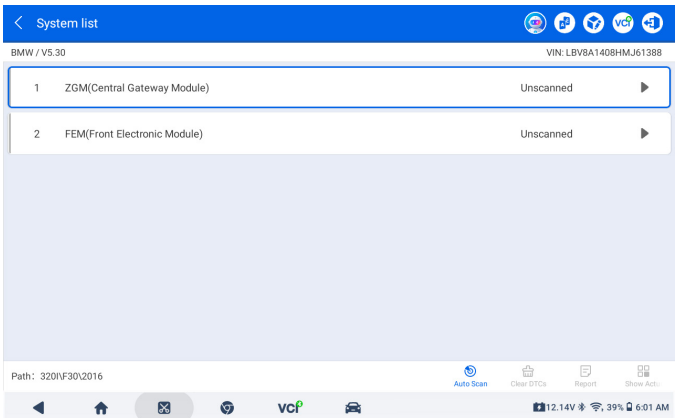



Figure 4-7

**Performing a Quick Scan**

1. After the vehicle is identified using the methods described in ***Section 4.2.2***, confirm the vehicle information and follow the on-screen instructions until the ***Main Menu*** is displayed.
2. Tap ***Quick scan*** from the main menu.
3. On the ***System List*** screen, tap ***Auto Scan*** at the bottom of the screen.
4. The tablet scans all supported systems and automatically retrieve DTCs.
5. The results can be viewed in a list.
   The list displays all systems configured on the vehicle. Systems with DTCs detected are marked with a red ***"Fault"*** and the number of DTCs, while systems without DTCs are labeled ***"Normal | No DTCs"***.
6. Tap a function button in the lower right corner to perform the corresponding action.

   *Clear DTCs*
   Clears all retrieved DTCs.

   *Report*
   Saves the current scan results as a report. (To view saved reports, go to *User Info > Folder > Diagnostic Report > System Report*.)

   *Show All / Show Actual*
   Toggles between displaying all vehicle systems and only supported systems.

### 4.2.5 Diagnostics for Individual Systems

Apart from Auto Scan and Quick 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, conduct active tests and perform special functions for that particular system.

ⓘ Note:
Depending on the vehicle make, model and year, some functions may not be available. Description in this section is offered for reference, and the actual interface shall prevail.

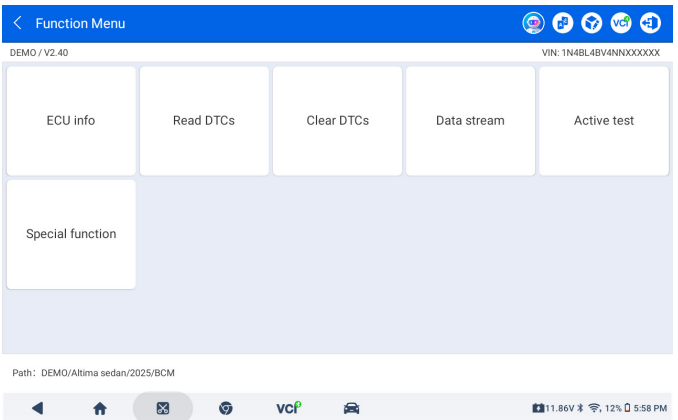



Figure 4-8

**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 display DTCs for the currently selected system.

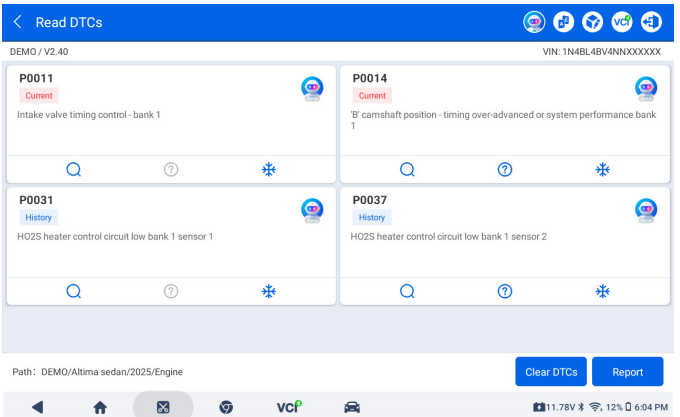



Figure 4-9

**Icon Description**

| Icon | Description |
|---|---|
| | Tap to search online for DTC information in the default browser. |
| | Tap to view DTC details, including fault type, description and cautions. |
| | Tap to view the freeze frame captured at the time when the DTC occurred. |
| | Tap to launch the AI tool TopFix for DTC interpretation, recall information, repair instructions and parts replacement suggestions. |

**Button Description**

*Report*

Tap to save DTCs as a report. (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.

ⓘ Notes:
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.

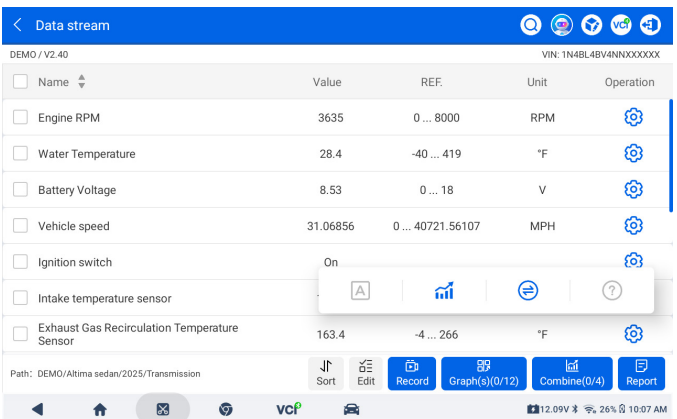



Figure 4-10

### 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*
Customizes the sorting of the data streams.

*Edit/View All*
Toggles between displaying all data streams and only the selected data streams.

*Record*
Records and saves real-time data streams. To view recordings, go to *User Info > Folder > Replay Data*.

◎ Tip:
On the playback screen, you can play recordings by time or by frame, and adjust the playback speed.

*Graph*
Displays multiple data streams in separate graphs.

◎ Tip:
On the multi-graph screen, you can tap one graph for full-screen view and customize the maximum and minimum thresholds of the waveform by tapping *Y-Axis Range Settings*.

*Combine*
Combines multiple data streams in a single graph for easier comparison.

*Report*
Saves the current data stream values as a report. To view the saved reports, go to *Folder > Diagnostic Report > Data Stream Report*.

⚠ Warning:
If the vehicle must be driven to view live data streams, always have a second person assist you. Do not view the data 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.

**Special Function**
Special Function allows you to perform maintenance services on the selected system.

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

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

ⓘ Note:
Available functions vary by vehicle make, year and model.

### 4.2.6 Hot Functions

The *Hot Functions* module provides quick access to the most commonly used service and maintenance operations supported by the vehicle. These functions enable the tablet to communicate directly with the vehicle's ECUs and perform advanced tasks beyond basic diagnostics, such as resetting, adaptation, matching, and calibration. Typical hot functions include oil reset, throttle adaptation, EPB reset, ABS bleeding, steering angle reset, diesel particulate filter (DPF) regeneration, and airbag reset. For detailed introduction to each function, refer to *Section 4.6*.

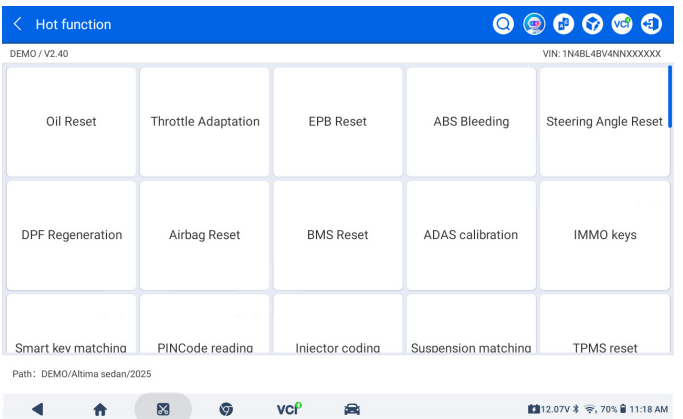



Figure 4-11

**Performing 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, year and configurations.

### 4.2.7 Service

It includes service and adaptation settings supported by the diagnostic tool.

ⓘ Note:
The service type and quantities may vary according to the vehicle make, model, year and configuration. The features listed in the actual interface shall prevail.

**Performing Services**

1. After the vehicle is identified, select the desired system from the topology or list.
2. Tap *Service* in the function menu.
3. Choose the desired vehicle system, module, component and feature name in sequence.

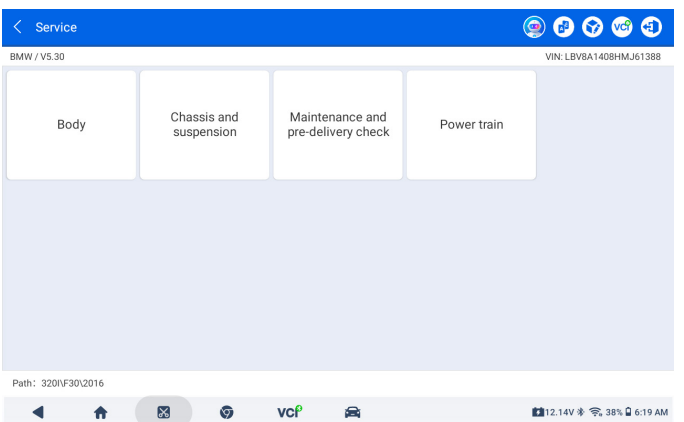



Figure 4-12

4. Follow the on-screen prompts to finish the procedure.

ⓘ Note:
If no response appears after tapping a module or component, it may indicate that it is not configured on the vehicle.

### 4.2.8 Vehicle Profile

This feature enables you to view basic vehicle information, including the VIN, make, model, engine displacement, and total mileage.

**Viewing the Vehicle Profile**

1. After the vehicle is identified, select the desired system from the topology or list.
2. Tap *Vehicle profile* in the function menu.
3. The basic vehicle information is displayed in a list.

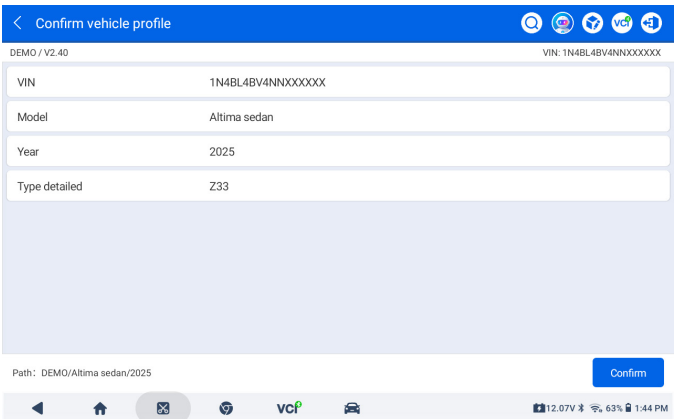



Figure 4-13

### 4.2.9 Coding

This feature enables direct configuration of control module parameters for advanced operations.

ⓘ Note:
Available functions may vary depending on the vehicle make, model, year, and configuration. The features listed in the actual interface shall prevail.

**Performing Coding**

1. After the vehicle is identified, select the desired system from the topology or list.
2. Tap *Coding* in the function menu.
3. Read the disclaimer and tap *Confirm*.
4. Select *Coding* to configure parameters, or tap *Backup/Restore* to manage existing data.
5. Select the desired system or module.
   ⓘ Note:
   Only available systems and modules are displayed.

6. Select the desired coding variant and tap *Confirm*.

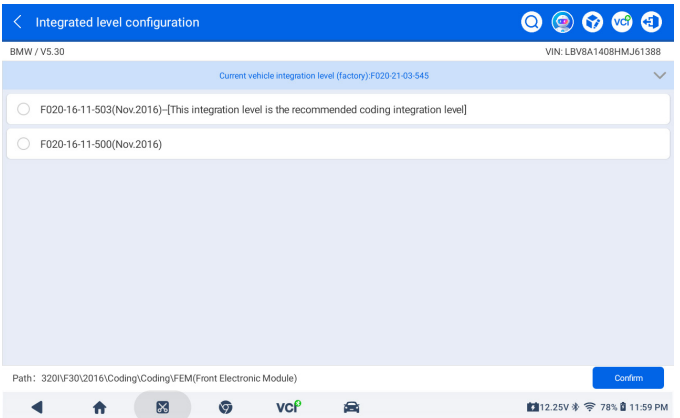



Figure 4-14

7. Follow the on-screen instructions to complete the procedure.

### 4.2.10 EOBD

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

**Performing EOBD/OBD-II Diagnostics**

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

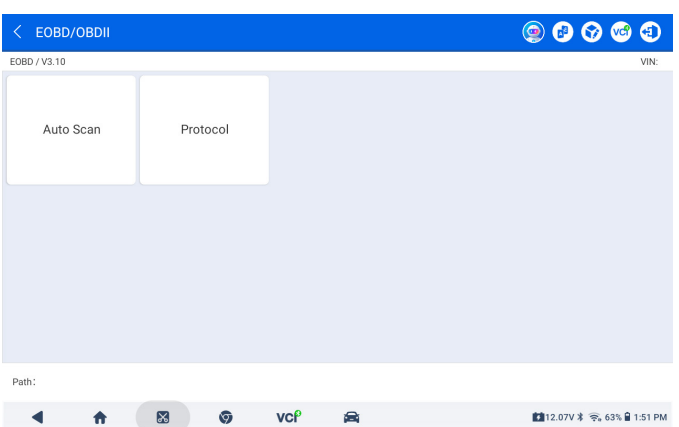



Figure 4-15

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

3. After the protocol is confirmed, a vehicle status screen is displayed, showing the protocol and system status information.

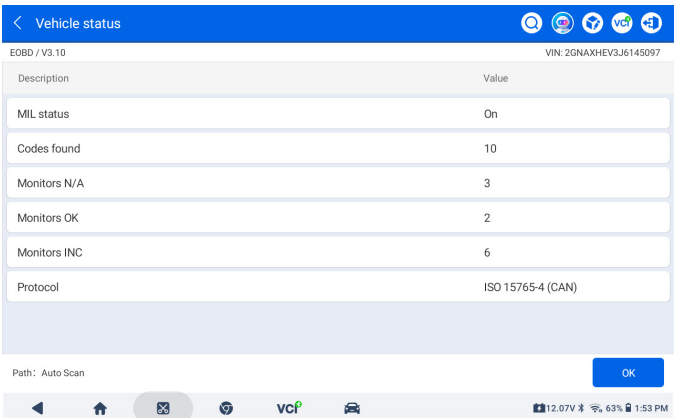



Figure 4-16

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

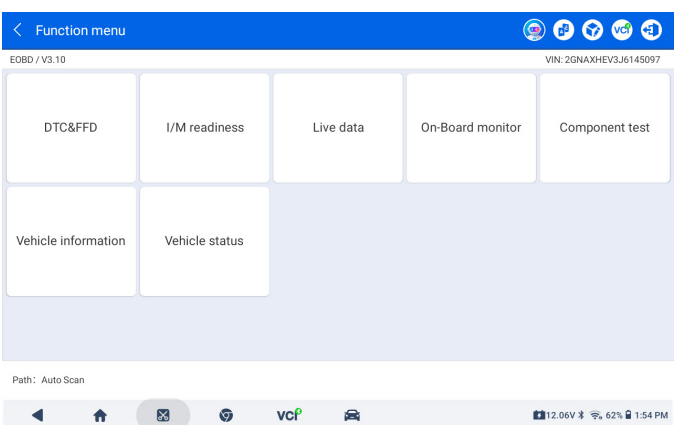



Figure 4-17

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

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

**DTC & FFD (Freeze Frame Data)**
This function allows you to read and clear diagnostic trouble codes (DTCs), view freeze frame data of emission-related systems, and generate reports.

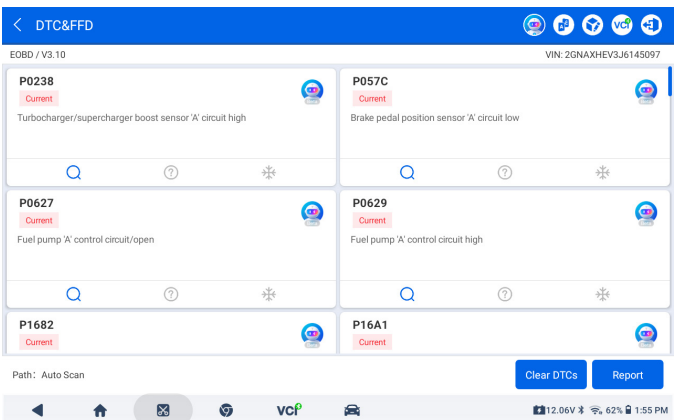



Figure 4-18

*Reading DTCs*

1. Tap ***DTC&FFD*** from the function menu.
2. Choose the vehicle make.
3. All detected DTCs are displayed on the screen.

- Tap 🔍 to search online for more information.
- Tap ⓘ to view detailed information.

*Clearing 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.

ⓘ Notes:
- Clear DTCs only after completing the necessary repairs. Once cleared, all DTCs and freeze frame data stored in the ECU will be erased.
- Do not start up the engine while clearing DTCs.

*Reading 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.
4. Tap  to view the freeze frame data associated with the selected DTC.

ⓘ Note:
Availability of freeze frame data may vary depending on the vehicle make, model and year. Refer to the actual interface for accurate information.

*Generating 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. Enter the required information and tap ***Confirm > Save***.

ⓘ Note:
Saved reports can be accessed via ***User Info > Diagnostic Report > Fault Code Report***.

**I/M Readiness**
This function checks whether the vehicle's emission-related systems are operating properly and are ready for I/M testing. It also allows you to view monitor status and verify whether repairs have been completed successfully.

**Live Data**
This function displays the real-time data streams and parameters from the vehicle's ECU.

*Reading 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 detailed data, record data streams, display up to four data streams in one graph for comparison, and generate reports. For detailed instructions, refer to ***Read Data Stream*** in ***Section 4.2.5***.

**On-Board Monitor**
This function displays test results for emission-related powertrain components and systems that are not continuously monitored.

**Component Test**
This function allows you to send control commands to the vehicle's ECU to test and operate system components.

ⓘ Note:
Component tests may not be supported on all vehicles. Available functions may vary depending on the vehicle make, model, and year.

**Vehicle Information**
This function provides vehicle information retrieved from the ECU.

*Viewing 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

*Viewing Enhanced 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.

## 4.3 DEMO

This function provides a demonstration mode that allows users to experience the diagnostic procedures without connecting the VCI to a vehicle.

### 4.3.1 Operation Steps

1. Tap *DEMO* from the home screen.
2. Tap the vehicle-specific software that matches the actual vehicle make.
3. For detailed operating instructions, refer to *Section 4.2*.

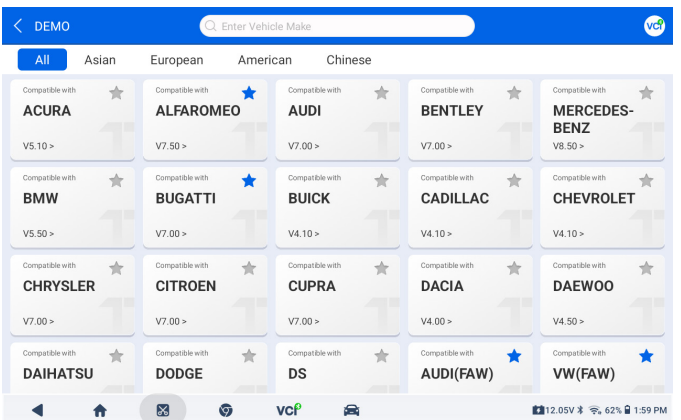



Figure 4-19

### 4.4 IMMO

This function enables the ONE Plus to perform immobilizer-related operations, including key learning, key programming, and anti-theft system configuration.

ⓘ Notes:
- This function is intended for professional use only. Incorrect operations may cause the vehicle to become inoperable.
- Available functions may vary depending on the vehicle make, model, year, and system configuration.

#### 4.4.1 Device Pairing

Before performing general IMMO functions, ensure that the VCI is connected to the tablet. For certain advanced IMMO functions, a connection between the T-Darts and the ONE Plus tablet is required.

ⓘ Note:
- T-Darts is not included with the ONE Plus and must be purchased separately.

**Connecting a VCI to the Tablet**

The VCI can be connected to the tablet via Bluetooth, Wi-Fi, or a USB cable.

- Bluetooth connection:
  a. Ensure Bluetooth is enabled on the tablet.
  b. Tap *IMMO* from the home screen.
  c. Tap the icon  in the bottom of the screen.
  d. Select *Bluetooth*, then choose the desired VCI from the device list.
  e. Once connected, the icon  appears in the top right corner of the screen.
- Wi-Fi connection:
  a. Ensure Wi-Fi is enabled on the tablet.
  b. Enable Host mode via *User Info > Settings > USB Mode Switch*.
  c. Tap *IMMO* from the home screen.
  d. Tap the icon  in the bottom of the screen.
  e. Select *Wi-Fi Connection*, then choose the desired VCI from the device list.
  f. Once connected, the icon  appears in the top right corner of the screen.
- USB connection:
  a. Enable Host mode via *User Info > Settings > USB Mode Switch*.
  b. Use a USB-A to USB-C cable to connect the VCI to the tablet.
  c. Once connected, the icon  appears in the top right corner of the screen.

**Connecting a T-Darts to the Tablet**
The T-Darts can be connected to the tablet via Bluetooth or a USB cable.

- Bluetooth connection:

  a. Install four batteries in the T-Darts, or charge it via the USB-C port. Then press the power button to turn it on. Once powered on, the power indicator blinks blue.

  b. Ensure Bluetooth is enabled on the tablet.

  c. Tap *IMMO* from the home screen.

  d. Tap *T-Darts*.

  e. Tap the icon  in the upper-right corner of the screen.

  f. Choose the desired device from the list.

  g. Once connected, the Bluetooth indicator turns green, and the icon  appears in the upper-right corner of the interface.

- USB connection:

  a. Enable Host mode via *User Info > Settings > USB Mode Switch*.

  b. Use a USB-A to USB-C cable to connect the T-Darts to the tablet.

  c. Once connected, the icon  appears in the top right corner of the screen.

**4.4.2 Identifying the Vehicle**
Prior to performing IMMO functions, you need to identify your vehicle first either by VIN decoding or by manually selecting the vehicle make.

ⓘ Note:
Before performing IMMO functions, ensure the battery voltage is within the normal range (12V ± 20%). Do not perform the functions if the voltage is too low or too high. Low voltage may cause communication errors, while high voltage may damage the vehicle or the tool, or pose a safety risk to the user.

**Identifying via VIN**

1. Ensure that the vehicle-specific software matching the actual vehicle make has been downloaded via *Update > IMMO*.

2. Return to the home screen and tap *IMMO > VIN*.

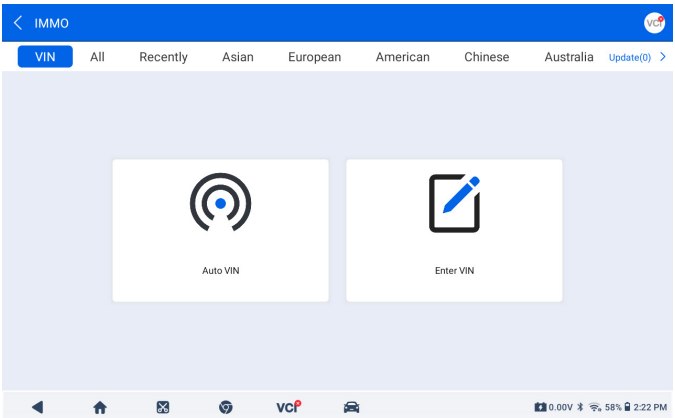



Figure 4-20

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

**Identifying via Make**

1. Ensure that the vehicle-specific software matching the actual vehicle make has been downloaded via *Update > IMMO*.
2. Return to the home screen and tap *IMMO > All*. A menu of vehicle-specific software is displayed.

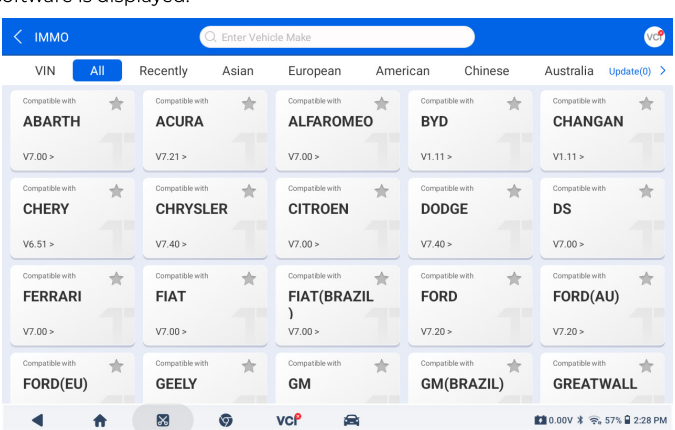



Figure 4-21

3. Select a vehicle make or type it in the search bar.

◎ Tips:

- Frequently used vehicle-specific software can be added to ***Favorites*** by tapping the icon . They can be quickly accessed later in ***Recently***.
- The icon indicates that a new version is available. Tap it to go to the ***Update*** screen.
- To view version details, tap the version number of each application.

4. Tap *Automatic selection*, *Manual selection* or *System selection* to identify the vehicle.
   - *Automatic selection*: Manually enter the VIN or tap ***Read*** to acquire it, then tap *Confirm*. The tablet will automatically decode the VIN to identify the vehicle.
   - *Manual selection*: Manually select the vehicle information such as make, region, and model, then tap *Yes* to confirm the vehicle profile.
   - *System selection*: Manually select the vehicle make and system.

### 4.4.3 Performing IMMO Functions

1. Once the vehicle profile is confirmed, the system will navigate to the interface for selecting the desired vehicle system or module.
2. Follow the on-screen prompts to complete the procedure.

ⓘ Note:
Actual operation steps may vary depending on vehicle make, model, year, and configuration. Refer to the on-screen interface for the most accurate guidance.

## 4.5 Update

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

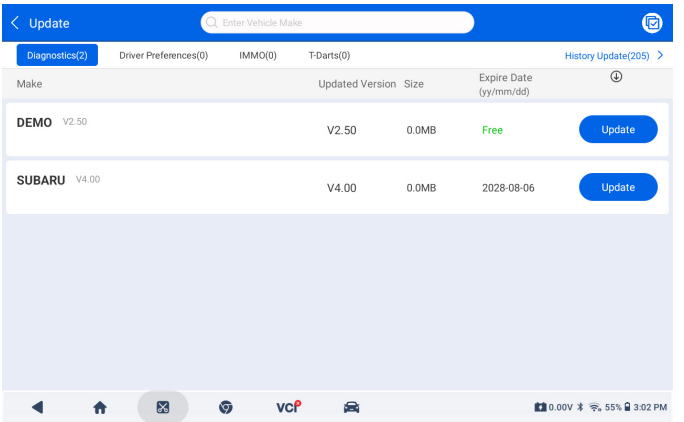



Figure 4-22

### Updating Software

1. Tap *Update* > *Diagnostics*, *Driver Preferences*, *IMMO* or *T-Darts*.
2. Tap the buttons to perform corresponding functions.

### Button Description

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

### Viewing the Update History

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

## 4.6 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, Seats 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).

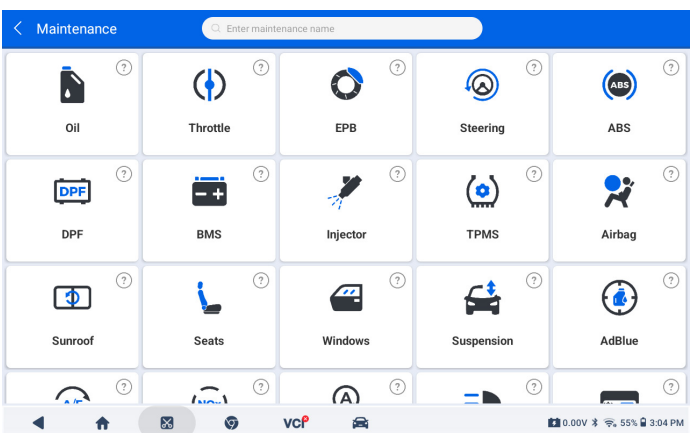



Figure 4-23

### 4.6.1 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 new45 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.

### 4.6.2 Performing 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 4.2.2*.) 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.

## 4.7 Driver Preferences

This function allows you to enable, disable, or configure supported vehicle features based on driver preferences. It also provides access to configurable settings that are not available through the vehicle's default interface.

### 4.7.1 Identifying the Vehicle

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

#### Identifying via VIN

1. Ensure that the vehicle-specific software matching the actual vehicle make has been downloaded via *Update > Driver Preferences*.
2. Return to the home screen and tap *Driver Preferences*.

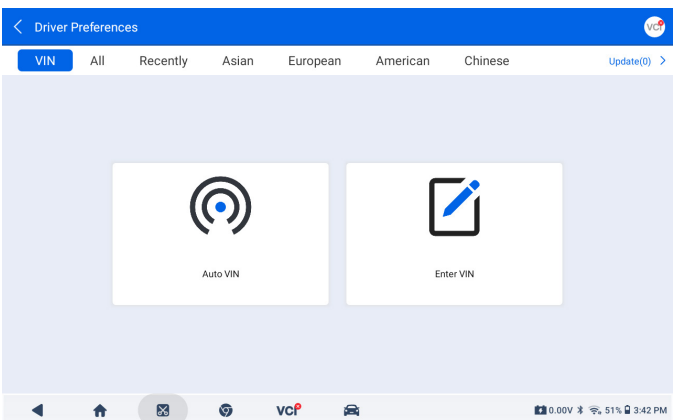



Figure 4-24

3. 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*.

4. Tap *Confirm*.

### Identifying via Make

1. Ensure that the vehicle-specific software matching the actual vehicle make has been downloaded via *Update > Driver Preferences*.
2. Return to the home screen and tap *Driver Preferences > All*. A menu of vehicle-specific software is displayed.

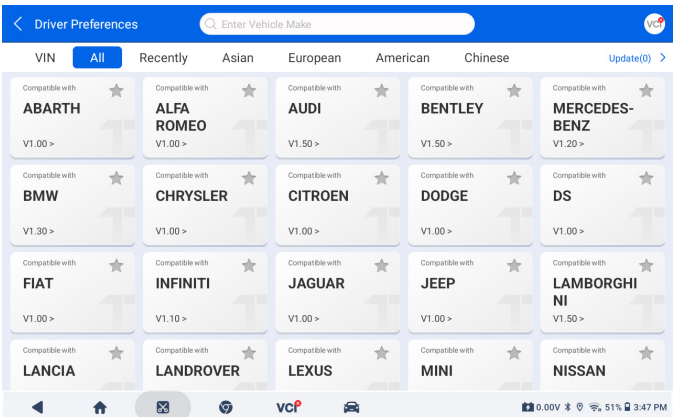



Figure 4-25

3. Select a vehicle make from the make menu or type it in the search bar.

   ◎ Tips:

   - Frequently used vehicle-specific software can be added to *Favorites* by tapping the icon ☆. For subsequent use, you can quickly find them in *Recently*.
   - The icon indicates that a new version is available. Tapping it will take you to the *Update* screen.
   - To view version details, tap the version number of each application.

4. 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 the vehicle information to assist the device in identifying the vehicle.
5. Read the disclaimer and tap *Confirm*.

### 4.7.2 Configuring Driver Preferences

1. Read the disclaimer and follow the on-screen prompts to access the function interface.

   ⓘ Note:
   Some vehicles require Security Gateway access before you can configure driver preferences. If prompted, go to the *Mall* to purchase access for the corresponding vehicle make.

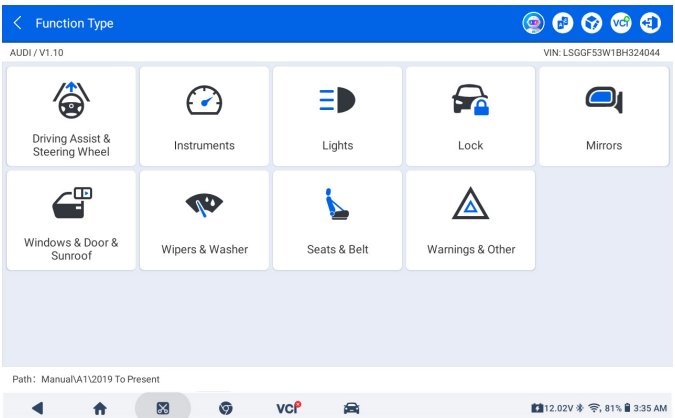



Figure 4-26

2. Tap the desired function and sub-function, then proceed based on the on-screen prompts to complete the configuration.

ⓘ Notes:

- The specific functions may vary depending on the vehicle make, model and year. Refer 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 saved state.

## 4.8 Tester

The Tester feature allows the tablet to perform battery, cranking, charging, and system tests when used with BTMobile ProS. With ONE VCI, only the cranking test is supported.

ⓘ Notes:
- The BTMobile ProS is included with the purchase of ONE Plus.
- The cranking test can be performed using either the BTMobile ProS or the ONE VCI, while all other battery tests require the BTMobile ProS.
- The cranking test results obtained with the BTMobile ProS are more accurate than those measured with the ONE VCI.

### 4.8.1 Device Pairing

Before testing batteries, a connection between the tablet and BTMobile ProS or ONE VCI is required.

**Connecting the BTMobile ProS to the Tablet**

The BTMobile ProS can be connected to the tablet via Bluetooth only.

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 home screen of the tablet.
3. Tap ***Bluetooth not connected*** to access the Bluetooth list.

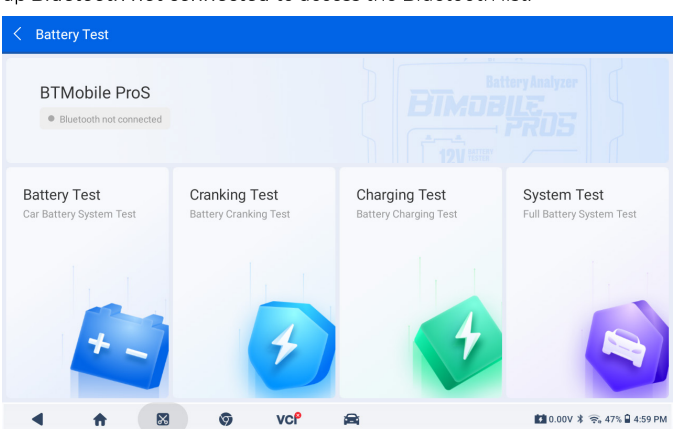



Figure 4-27

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

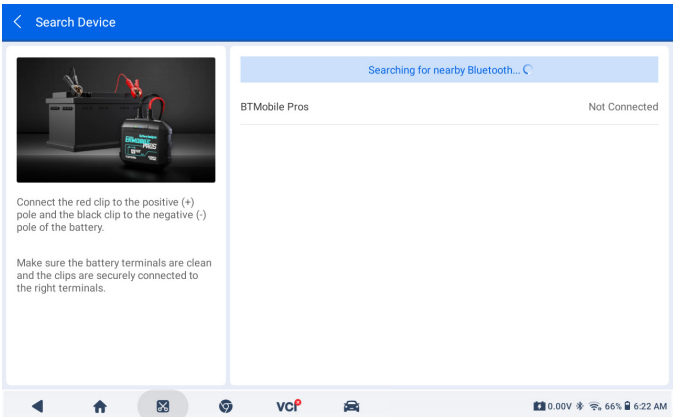



Figure 4-28

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

**Connecting the ONE VCI to the Tablet**
The ONE VCI can be connected to the tablet via Bluetooth, Wi-Fi or a USB cable. For detailed introduction to connection methods, refer to *Section 3.4*.

### 4.8.2 Testing Batteries

Four types of tests are supported: Battery Test, Cranking Test, Charging Test and System Test. Cranking Test is available via both ONE VCI and BTMobile ProS, while the other tests can only be performed using the BTMobile ProS.

ⓘ Note:
The Cranking Test results obtained with the ONE VCI may differ from actual vehicle conditions. For more accurate measurements, use the BTMobile ProS.

**Performing Cranking Tests**

1. Ensure that the ONE VCI is properly connected to the vehicle's DLC and paired with the ONE tablet as described in *Section 3.4*. Alternatively, ensure that the BTMobile ProS is connected to the vehicle's battery and paired with the tablet.
2. Tap *Tester > Cranking Test*.
3. Read the pop-up messages and tap *Continue*.
4. Follow the on-screen instructions to proceed until the test is complete.

**Performing Battery, Charging or System Tests**

1. Ensure the BTMobile ProS is connected to the battery and paired with the tablet as described in *Section 4.8.1*.
2. As for detailed procedures, go to *Library > User Manual > BTMobile ProS* and refer to the user manual.

## 4.9 Library

The library includes DTC repair guides, technical service bulletin, DLC location diagrams, a warning light library, vehicle coverage lookup, a battery database, a Favorites folder, and electronic versions of the ONE Plus and BTMobile ProS user manuals. It also provides quick access to the default browser, official technical support, quick support and the TOPDON official community.

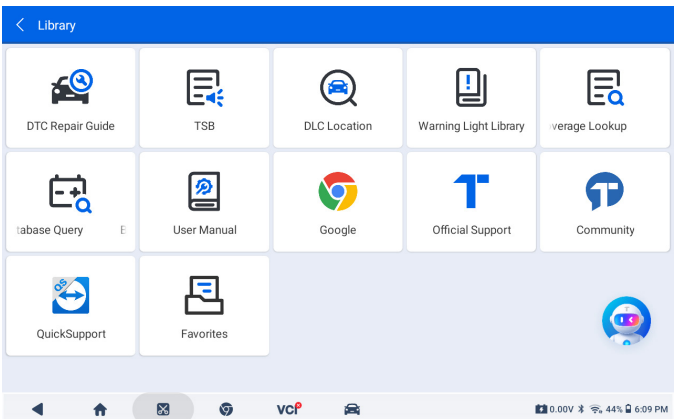



Figure 4-29

### 4.9.1 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.

#### Accessing the 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.

### 4.9.2 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.

#### Viewing 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.

#### 4.9.3 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.

**Viewing the 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.

#### 4.9.4 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.

**Using the 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.

#### 4.9.5 Vehicle Coverage Lookup

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

**Checking 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.

#### 4.9.6 Battery Database Query

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

**Checking 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***.

#### 4.9.7 User Manual

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

#### 4.9.8 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.

**Obtaining Official Support**

1. Tap *Library* > *Official Support*.
2. The app displays the official website of the product.
3. Tap the desired function button to perform the related operation.

**4.9.9 Quick Support**
This feature enables you to get timely technical support if necessary.

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

**Accessing the Official Community**

1. Tap *Library* > *Community*.
2. Tap the icon  and log in with your TOPDON account.
3. After a successful login, the app redirects you to the homepage of the TOPDON community.

**4.9.11 Favorites**
This feature allows you to collect and manage frequently used websites by saving URLs as shortcuts.

**Adding Websites to Favorites**

1. Tap *Library* > *Favorites*.
2. Tap *Add to Favorites* or the + icon.
3. Tap the icon  to set a symbol, then enter the name and URL.
4. Tap *Confirm*.

**Deleting Favorite Items**

1. Tap *Library* > *Favorites*.
2. Tap the icon  in the upper-right corner of the screen.
3. Choose the desired items or by checking the boxes, or tap *Select All* to select all items.
4. Tap *Delete* > *Confirm*.

ⓘ Note:
Exercise caution when deleting favorite items, as deleted data cannot be recovered.

## 4.10 Mall

The Mall enables users to purchase or renew TOPDON software products and services, including gateway access and software packages.

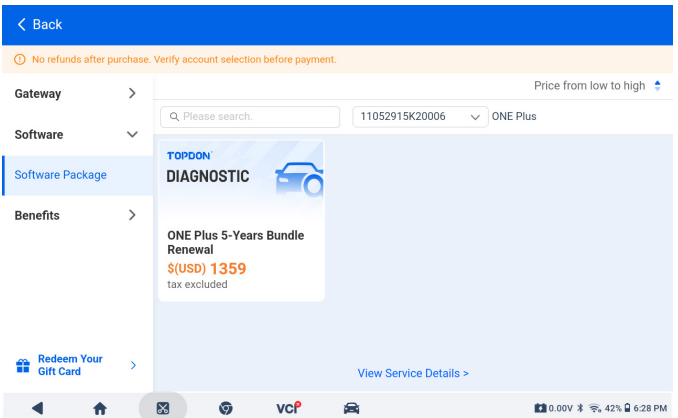



Figure 4-30

### Purchasing 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*.

## 4.11 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, System Update and Settings.

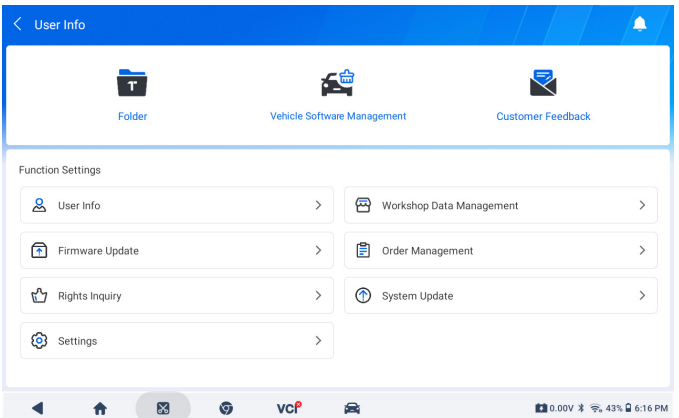



Figure 4-31

### 4.11.1 Folder

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

#### Viewing 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.

#### Viewing 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*.

#### Viewing 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.

### Viewing 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.

### Accessing File Management

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

## 4.11.2 Vehicle Software Management

This function allows users to uninstall previously installed vehicle-specific software, hide rarely used vehicle-specific software, and configure update reminders for favorite vehicle-specific software.

### Uninstalling Vehicle-specific Software

1. Tap *User Info > Vehicle Software Management > Uninstall Vehicle Software*.
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*.

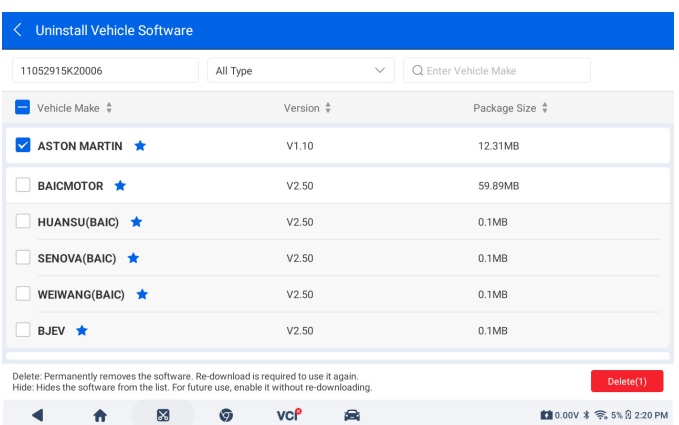



Figure 4-32

### Hiding Vehicle-specific Software

1. Tap *User Info > Vehicle Software Management > Hide Vehicle Software*.
2. Select the software type from the following options: *Diagnostics*, *Driver Preferences*, *IMMO*, and *T-Darts/T-Kunai*.
3. Toggle the switch for the corresponding vehicle-specific software.

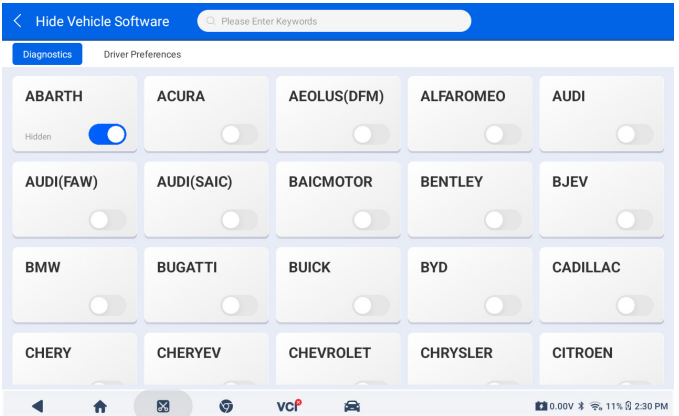



Figure 4-33

ⓘ Note:
The hidden software will no longer appear in the vehicle make menu, and corresponding update notifications will be blocked. To restore the settings, toggle the switch again.

**Configuring Update Reminder for Favorite Software**

1. Tap *User Info > Vehicle Software Management > Favorited Model Upgrade Reminder*.
2. The function will be then enabled.

ⓘ Note:
After enabling this feature, when an update is available for favorited (star-marked) software, a notification will be displayed. The update count displayed in the upper-right corner of the update center will show only the number of available updates for favorited vehicle-specific software.

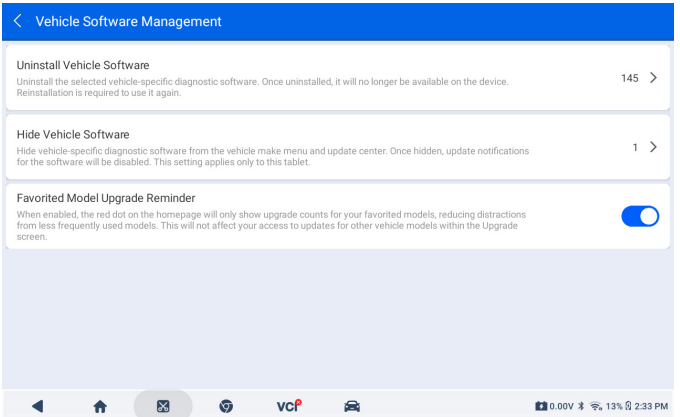



Figure 4-34

### 4.11.3 Customer Feedback

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

**Submitting 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*.

### 4.11.4 User Info

This function allows you to view your ID and email address, update avatar and nickname, 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.

### 4.11.5 Workshop Data Management

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

### 4.11.6 Firmware Update

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

### 4.11.7 Order Management

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

### 4.11.8 Rights Inquiry

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

### 4.11.9 System Update

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

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

### 4.11.10 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.

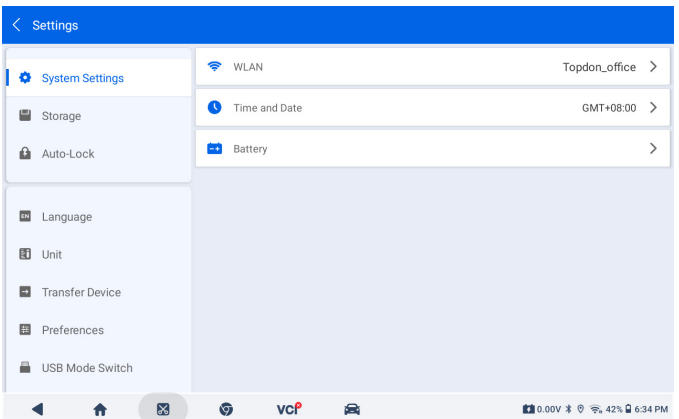



Figure 4-35

**System Settings**

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

*Accessing 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.

*Viewing Storage Details*

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

**Auto-Lock**
This feature allows users to set the device auto-lock interval.

*Setting the Auto-lock Interval*

1. Tap ***User Info > Settings > Auto-Lock***.
2. Choose the desired interval.

**Language**
This feature helps you switch the device language.

*Changing the Device Language*

1. Tap ***User Info > Settings > Language***.
2. Choose the desired language and tap ***Confirm***.

**Unit**
This feature allows users to change the measurement unit.
*Changing the Unit*

1. Tap ***User Info > Settings > Unit***.
2. Select ***Metric*** or ***Imperial***.

**Transfer Device**
This function allows you to transfer the device from your account to others.
*Transferring the Device*

1. Tap ***User Info > Settings > Transfer Device***.
2. Tap ***Start***.
3. Enter the TOPDON ID of the recipient and the verification code. Verify the device model and serial number, then tap *Transfer* to confirm.

**Preferences**
This feature allows users to customize diagnostic settings, such as enabling readiness data and fault code display in diagnostic reports.

**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. The mode can be selected based on application requirements.

ⓘ Note:
Host Mode must be enabled before connecting the tablet to the VCI via a USB cable or Wi-Fi.

*Switching the Modes*

1. Tap ***User Info > Settings > USB Mode Switch***.
2. Choose the desired mode.

**About**
This feature provides access to update check, version history query, terms of service, and the privacy policy.

**ONE Plus**
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*.

### 4.12 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 (12.24 x 8.15 x 1.54 inches) |
| **Net Weight** | 1.57 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 4.6***.

**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** 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 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.

   ⓘ Note:
   - Before performing diagnostics, you must download and install the required OEM diagnostic software on your computer. If you encounter any issues duri installation, log in to the RLink Platform and navigate to *User Guidance > Install OEM Software* to view installation instructions for major manufacturers.
   - This diagnostic tool does not include any OEM diagnostic software. You need to subscribe to the required software from the corresponding manufacturer's official website.

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

**A** Supported vehicle makes for 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** After the software expires, some advanced features will no longer be available, including vehicle software updates, OEM topology diagrams, ECU coding, driver preference configuration, TopFix AI, and gateway unlocking.

**Q** Does the device support VW Guided Functions?

**A** Yes. It supports Guided Functions for Volkswagen Group vehicles, 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 Plus

**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.

+86-755-21612590 (China)
+1-833-629-4832 (North America)
+34 930 523 149 (Europe)

+44 20 3996 2815 (United Kingdom)
+61 7 5625 3501 (Australia)

SUPPORT@TOPDON.COM

WWW.TOPDON.COM

@TOPDON_OFFICIAL

@TOPDONOFFICIAL

FC CE UK CA IC RoHS FR PAPIER BAC DE TRI