ONE Moto

Smart Motorcycle Diagnostic Tool **User Manual**

TOPDON®

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ENGLISH

PREFACE

Welcome

Thank you for purchasing the TOPDON ONE Moto. 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	2026-07	Initial release

SAFETY IS ALWAYS THE FIRST PRIORITY!

Read All Instructions Before Use

- **For your safety, the safety of others, and to avoid any damage to the product and your vehicle, carefully read and make sure you fully understand all the safety instructions and messages in this manual before operating**. You must also read the vehicle's service manual, and observe the stated precautions or instructions before and during any test or service procedure.
- Keep yourself, your clothing and other objects away from moving or hot engine parts and avoid contact with electrical connections.
- **Only operate the vehicle in a well-ventilated area**, as the vehicle produces carbon monoxide, a toxic and poisonous gas, and particulate matter when the engine is running.
- **Always wear approved safety goggles** to prevent damage from sharp objects and caustic liquids.
- **Do not smoke or have any flames near the vehicle when testing.** The fuel and battery vapors are highly flammable.
- **Do not attempt to interact with the 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.**

- **Do not use 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

· USB Cable (USB-C to USB-C)

· USB Cable (USB-A to USB-C)

· Packing List

· Quick User Guide

· Carrying Case × 2

· Diagnostic Cables × 36

SECTION 2: PRODUCT OVERVIEW

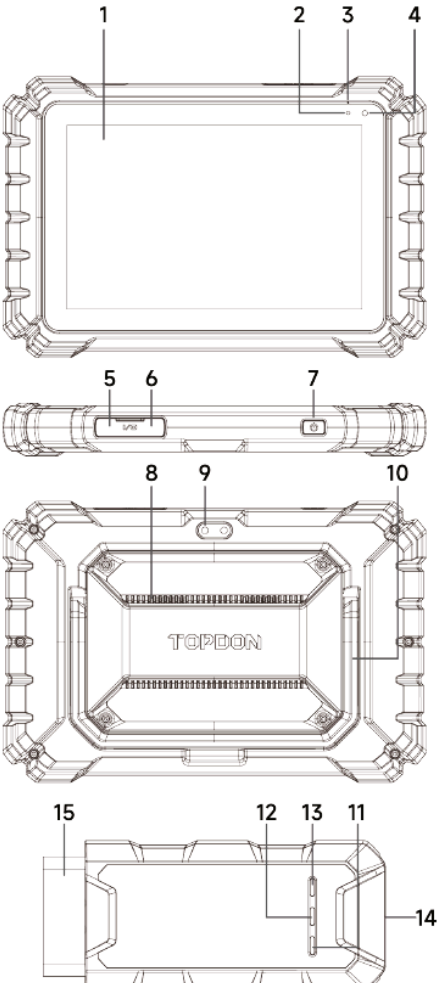

Figure 2-1

Tablet

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

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

SECTION 3: GETTING STARTED

3.1 Basic Setup

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

1. Select a desired language.

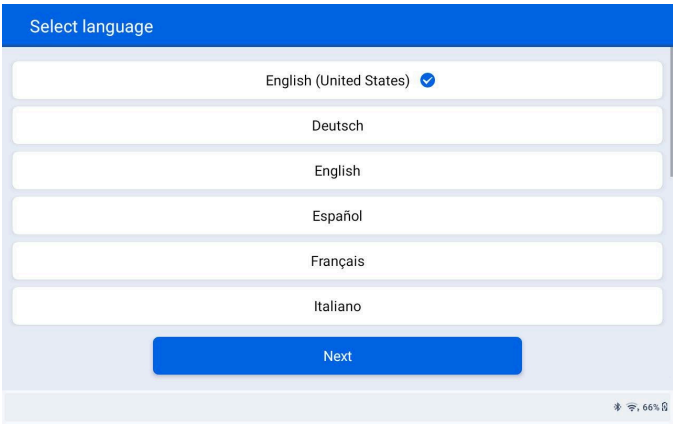

Figure 3-1

2. Choose the appropriate region and time zone.

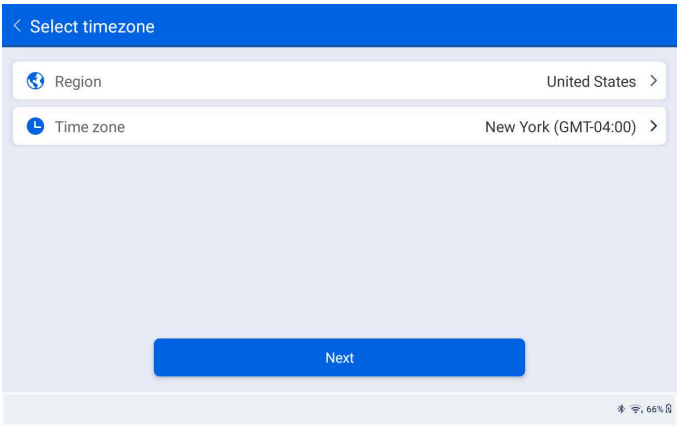

Figure 3-2

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

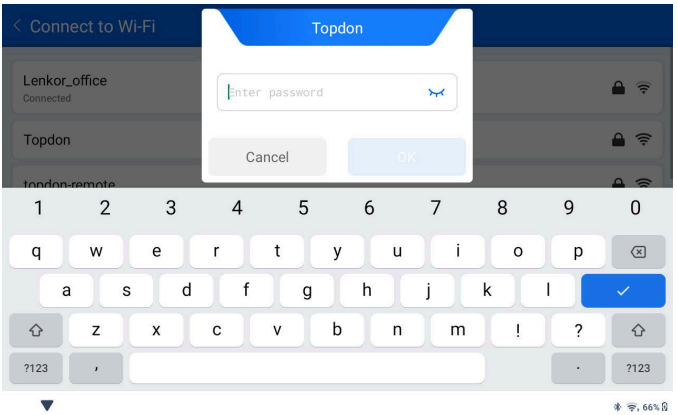

Figure 3-3

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

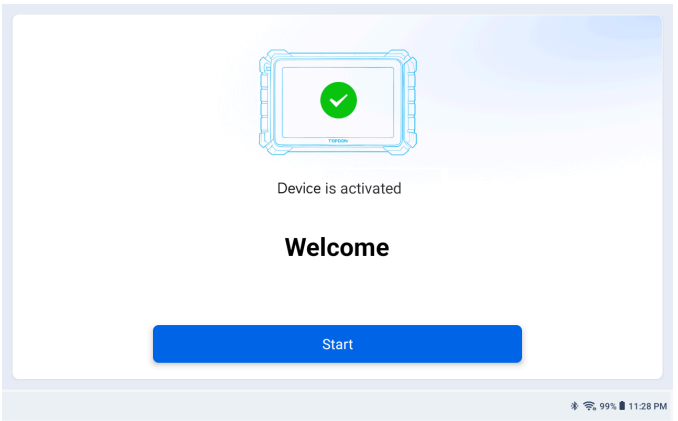

Figure 3-4

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

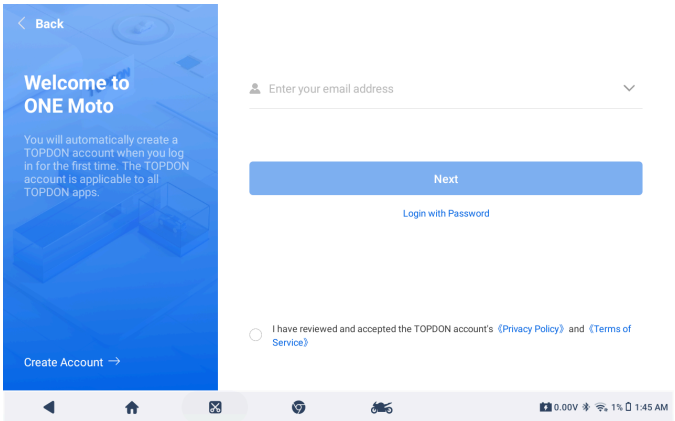

Figure 3-5

◎ 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 ***Folder > Gallery > SCREEN REC***.

3.2 Connecting the ONE VCI to the Vehicle's DLC

Before performing diagnostics, the ONE VCI needs to be connected to the vehicle. This section describes the most common methods for connecting the ONE VCI to a motorcycle or a personal watercraft (PWC).

3.2.1 Connecting the ONE VCI to a Motorcycle

1. Ensure the ignition is OFF before connecting the ONE VCI to the vehicle's data link connector (DLC).

2. Locate the vehicle's DLC. On most motorcycles, the DLC is typically located under the seat or near the engine. Figure 3-6 shows the five most common DLC locations on motorcycles.

   ◎ Tip:
   If you have difficulty locating the DLC, go to ***Library > DLC Diagnostic Port Position and Diagnostic Wire*** for detailed diagrams, or refer to the vehicle's service manual.

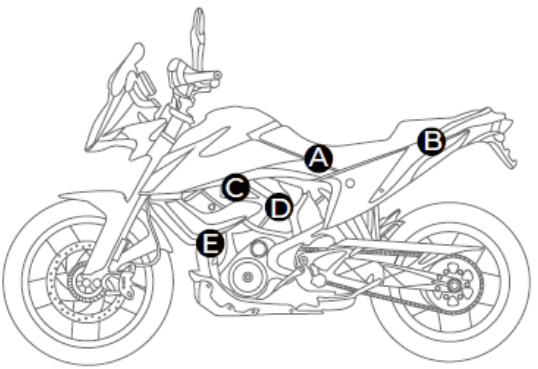

Figure 3-6

3. Directly plug the ONE VCI into the vehicle's DLC, or use appropriate cables or adapters if necessary.

3.2.2 Connecting the ONE VCI to a Personal Watercraft

1. Ensure the ignition is OFF before connecting the ONE VCI to the vehicle's DLC.

2. Locate the vehicle's DLC. On most personal watercraft, the DLC is typically located inside the engine compartment or near the ECU. Figure 3-7 shows the five most common DLC locations on personal watercraft.

   ◎ Tip:
   If you have difficulty locating the DLC, refer to the vehicle's service manual.

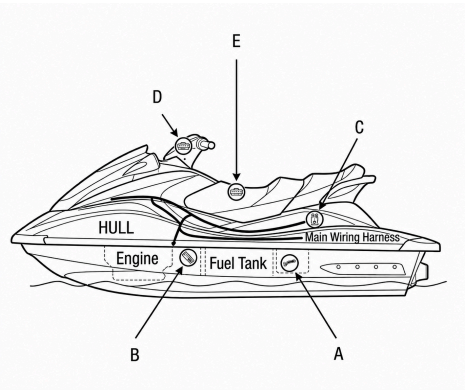

Figure 3-7

3. Directly plug the ONE VCI into the vehicle's DLC, or use appropriate cables or adapters if necessary.

3.3 Activating the Vehicle's ECU

To establish communication between the vehicle and the ONE VCI, the ECU must be powered on. This is typically achieved by turning the ignition switch to the ON position and setting the engine stop switch to the RUN position. This section outlines the most common activation procedures for motorcycles and personal watercraft.

ⓘ Note:
The procedures described in this section are for reference only. Vehicle-specific ignition and ECU activation procedures may vary depending on the vehicle model. If necessary, refer to the vehicle's service manual for the most accurate information.

3.3.1 Procedures for a Motorcycle

1. Ensure the ONE VCI is connected to the DLC as described in *Section 3.2.1*.
2. Turn the ignition switch to the “ON” position (see Figure 3-8).
3. Set the engine stop switch to “RUN” (see Figure 3-9).
4. Wait for the ONE VCI power indicator to illuminate solid red, indicating successful power supply and communication readiness.

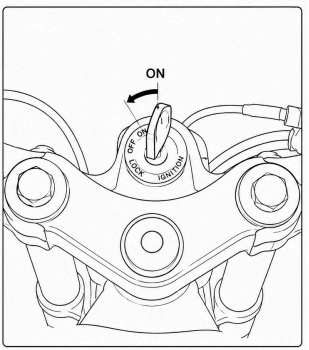

Figure 3-8

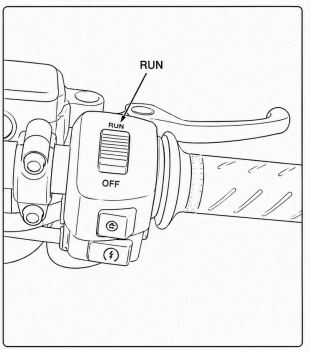

Figure 3-9

3.3.2 Procedures for a Personal Watercraft

1. Ensure the personal watercraft is properly moored or placed on a trailer before starting any diagnostic procedure.
2. Ensure the ONE VCI is connected to the DLC as described in *Section 3.2.2*.
3. Attach the safety lanyard (engine shut-off cord) to the operator or a secure point.
4. Turn the ignition switch to the ON position or activate the vehicle electrical system according to the manufacturer's procedure.
5. If required by the vehicle design, operate the engine start/stop switch to enable or wake the diagnostic system (specific procedures vary by manufacturer and model).
6. Wait for the ONE VCI power indicator to illuminate solid red, indicating successful power supply and communication readiness.

ⓘ Note:
On some personal watercraft models, the diagnostic system may automatically enter sleep mode after a period of inactivity, causing the DLC and diagnostic device to lose power. If the red indicator extinguishes, indicating that the ONE VCI powers off, press the engine start button again to wake the system to supply power to the ONE VCI. Depending on the vehicle model, this procedure may need to be repeated periodically.

3.4 Pairing the ONE VCI with the Tablet

To enable communication between the tablet and the vehicle, the ONE VCI must first be paired with the tablet either wirelessly (via Bluetooth or Wi-Fi) or through a wired USB connection.

3.4.1 Wireless VCI Connection

Two wireless connection methods are available for pairing the ONE VCI with 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 *Moto* or *Marine*, then the VCI icon in the upper-right corner of the screen.
2. 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.

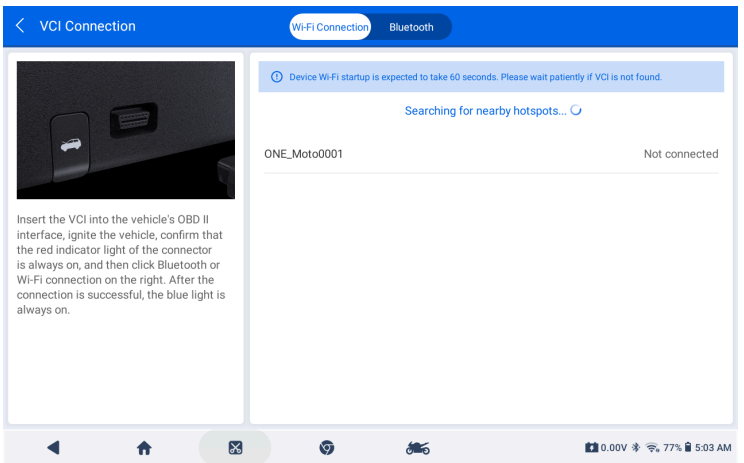

Figure 3-10

3. Once the wireless connection is established, the connection indicator on the VCI illuminates solid blue, and the icon VCI 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 *Moto* or *Marine*, then the icon in the top right corner of the screen.
2. Tap the desired VCI name from the Bluetooth list.
3. 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 to 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, when the ONE VCI is connected to the vehicle's DLC, the ECU is powered on, and the VCI is paired with the tablet, the communication indicator on the ONE VCI will blink green, indicating successful communication.
- To switch to a different VCI, tap the VCI icon in the upper-right corner of the screen and select the desired device from the list. The system will switch automatically.

SECTION 4: HOME SCREEN LAYOUT

After completing the vehicle and the ONE VCI setup procedures described in *Section 3*, you can start a diagnostic session. To help you get started, this section provides an overview of the home screen and its main function buttons.

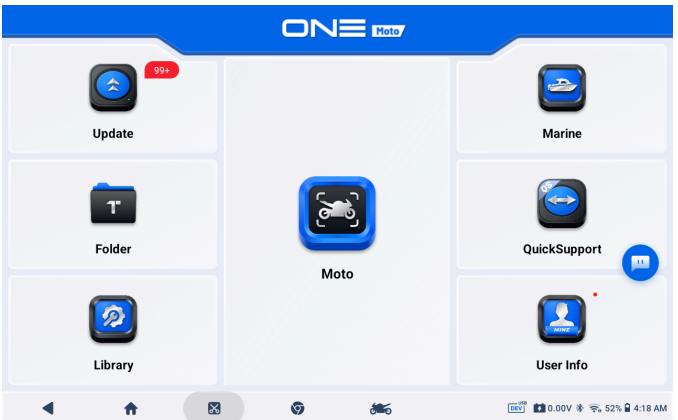

Figure 4-1

4.1 Main Function Buttons

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

Button	Description
Moto	This feature allows users to perform diagnostic functions for motorcycles, including reading Diagnostic Trouble Codes (DTCs), clearing DTCs, viewing data stream, reading Electronic Control Unit (ECU) version information, performing hot functions, and conducting active tests.
Update	This feature enables users to update the vehicle-specific diagnostic software and the app whenever a new version is available.
Folder	This feature provides access to diagnostic reports, replay data, screenshots, photos, videos, and the file manager.

Library

This feature provides access to technical service bulletins (TSB), DLC diagnostic port and wire diagrams, a warning light library, vehicle coverage lookup, electronic multilingual user manuals, a built-in browser, and links to official support and community.

Marine

This feature allows users to perform diagnostic functions for personal watercraft, including reading Diagnostic Trouble Codes (DTCs), clearing DTCs, viewing data stream, reading Electronic Control Unit (ECU) version information, performing hot functions, and conducting active tests.

Quick Support

This feature serves as a shortcut to quick support, providing timely assistance to users.

User Info

This feature provides access to vehicle software management, customer feedback, workshop data, user profile, firmware and system updates, and system settings.

Online Chat

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

4.2 Navigation Bar

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

Button	Description
Back	Tap this button to navigate back to the previous screen.
App Home	Tap this button to navigate back to the home screen.
Screenshot	Tap this button to capture a screenshot of the current interface.
Browser	Tap this button to open the default browser.
Vehicle Diagnostics	Tap this button to quickly access the previously opened vehicle diagnostics interface.

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

SECTION 5: MOTO (MOTORCYCLE DIAGNOSTICS)

The motorcycle diagnostics module allows you to scan all supported vehicle systems with one touch (Auto Scan) for DTCs or select an individual system to retrieve and clear DTCs, view data streams, read ECU information, perform hot functions, and conduct active tests. It also provides access to EOBD functions.

5.1 Diagnostic Toolbars

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

5.1.1 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) when you encounter a software issue during diagnostic operations. The detailed operation steps are presented in *Section 5.1.2*.
	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.

5.1.2 Submit Diagnostic Feedback

The device allows you to instantly send diagnostic feedback (with diagnostic logs automatically attached) when you encounter a software issue during diagnostic 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.

5.2 Identifying the Vehicle

The main diagnostic workflow is as follows: identify the vehicle > select the desired function from the main menu > follow the on-screen instructions to perform the required operations > complete the diagnostics and exit the session. This section describes the vehicle identification process.

ⓘ Note:
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.

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

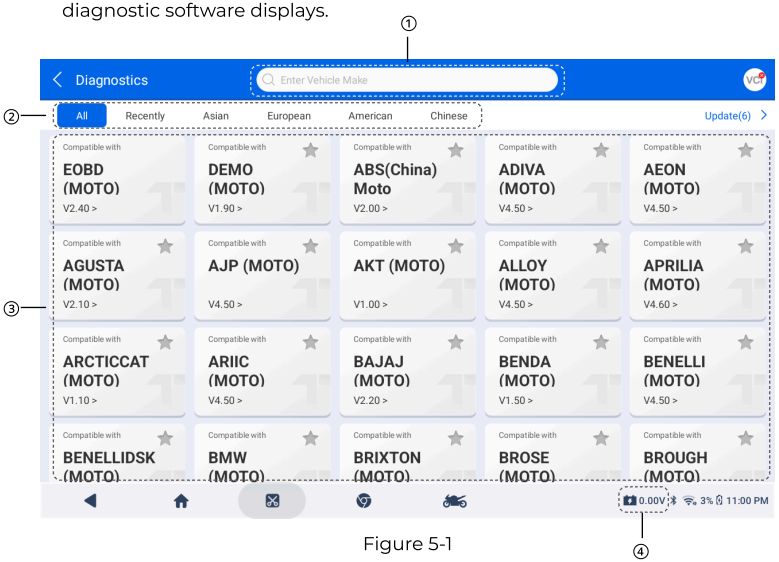

Figure 5-1

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

② 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. Tap a vehicle make from the menu or enter it in the search bar, then tap it.

◎ 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 software can be marked with the star icon , and later accessed under ***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 one of the following options to identify the vehicle.
   - ***Automatic***: Enter the VIN manually or tap ***Read*** to acquire the VIN. Then tap ***Confirm***. The tablet will automatically decode the VIN to identify the vehicle.
   - ***Manual/By model***: Select the vehicle information manually to assist the device in identifying the vehicle.
   - ***System***: Select a system for scanning or tap ***Auto Scan*** to automatically scan all systems installed on the vehicle.

◎ Tips:

- ***Diag Socket*** displays the DLC location or diagnostic cable diagrams for the selected vehicle model to facilitate the diagnostics process.
- ***Manual service function*** provides detailed operation guides for certain maintenance services or fault codes for reference.

ⓘ Note:
The available function options may vary depending on the selected vehicle-specific diagnostic software. Please refer to the actual product interface for accurate information.

5. After confirming the vehicle information, a main menu displays, in which you can perform an auto scan, access hot functions, view vehicle profile and search for repair information.

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

5.3 Auto Scan

After the device identifies your vehicle, *Auto Scan* enables the device to automatically detect all supported systems and retrieve DTCs, providing a comprehensive vehicle health check. You can also select an individual system for scanning. Performing an auto scan before and after repairs helps with troubleshooting and validating repairs. Pre- and post-scan reports allow you to record and compare the vehicle condition before and after repairs.

5.3.1 Automatically Scanning All Supported Systems

1. After the vehicle is identified as described in *Section 5.2*, 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.
4. The tablet scans all supported systems and automatically retrieves DTCs.
5. The results can be viewed in a list (see Figure 5-2). The List displays all systems configured on the vehicle. Systems with DTCs detected are marked with a red triangle and the number of DTCs, while systems without DTCs are labeled *Normal | No DTCs*.

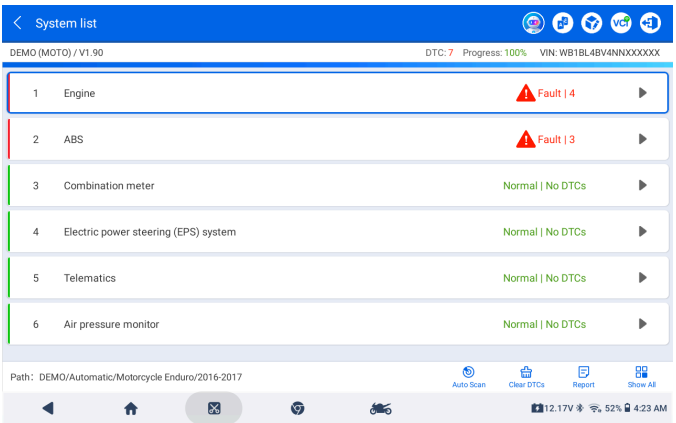

Figure 5-2

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 *Folder > Diagnostic Report > Moto > System Report*.)

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

5.3.2 Diagnostics for an Individual System

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

1. After the vehicle is identified as described in *Section 5.2*, 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 *the desired system for scanning*.
4. Select a function from the *Function Menu* to perform the corresponding operation.

   ⓘ Note:
   Depending on the vehicle make, model, and year, some functions may not be available. The descriptions in this section are provided for reference only. The actual interface shall prevail.

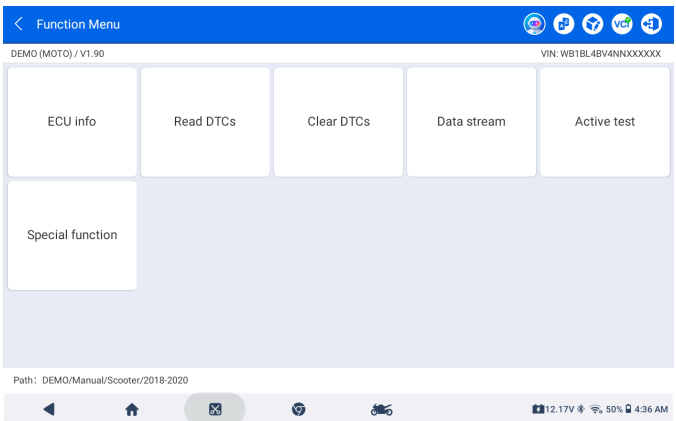

Figure 5-3

ECU Info

1. Select the desired system from the 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 list.
2. Tap *Read DTCs* in the function menu. The tablet will communicate with the ECU and retrieve DTCs for the currently selected system.

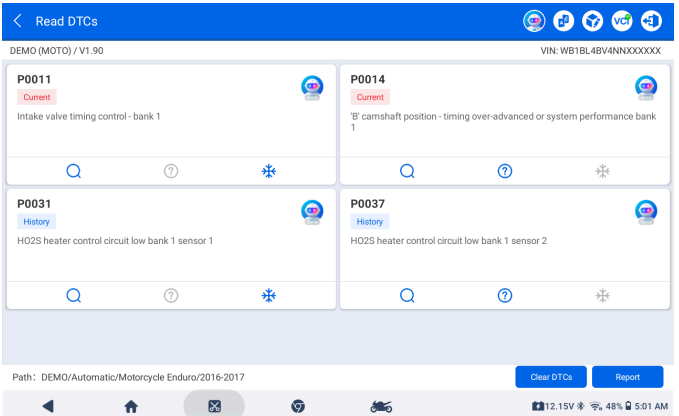

Figure 5-4

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 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 ***Folder > Diagnostic Report > Moto > Fault Code Report***.)

Clear DTCs
Tap to clear all the DTCs retrieved.

Clear DTCs

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

⚠ 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.

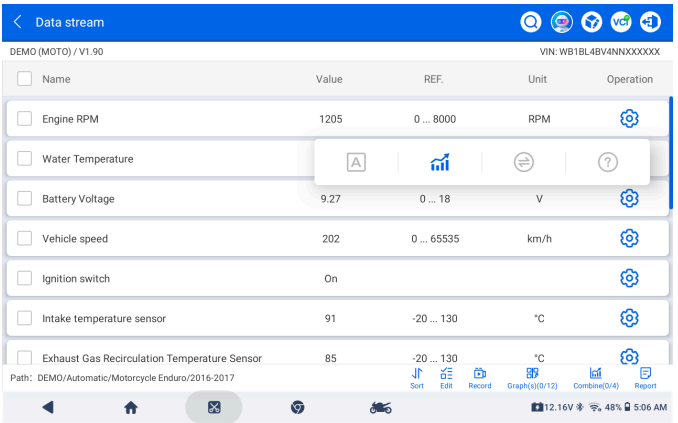

Figure 5-5

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
Switches between displaying all data streams and only the selected data streams.

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

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

Graph
Displays selected multiple data streams in separate graphs.

◎ Tip:
On the multi-graph screen, you can tap one graph for the full-screen view.

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 > Moto > Data Stream Report***.

Active Test
Active Test allows you to manually control selected vehicle components directly from the app to verify their operation.

1. After the vehicle is identified, select the system you want to test from the 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 Functions
Special Functions offer component adaptation and resets for custom configurations, and enable the input of adaptive values for certain components after repairs. The available functions displayed in the app may vary depending on the vehicle's make, model, and year.

⚠ Warning:
Exercise caution when performing special functions. Follow the on-screen instructions carefully to avoid unintended changes or damage to the vehicle's systems.

5.4 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, ABS Bleeding, Steering Angle Reset, and TPMS Reset.

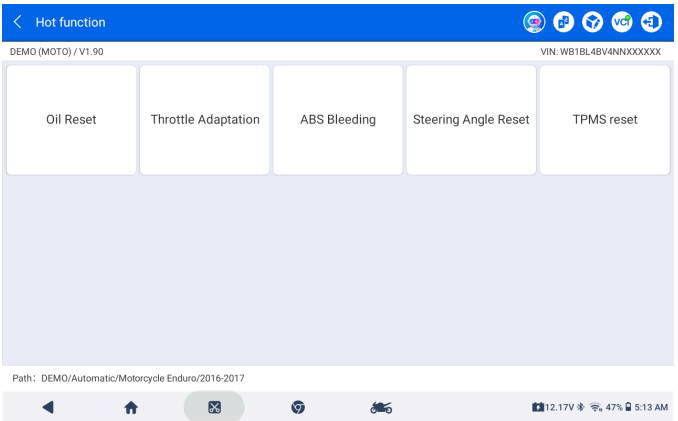

Figure 5-6

5.4.1 Hot Functions Overview

This section provides a brief introduction to the most commonly used hot functions. The number and types of functions may vary depending on the vehicle make, model, and year. Refer to the actual interface for the most accurate information.

Oil Reset

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

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

Throttle Adaptation

Use the vehicle 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 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 Angle Reset
To reset the steering angle, first find the relative zero-point position where the vehicle 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 vehicle body.

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 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.

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 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.

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

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.

5.4.2 Performing Hot Functions

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

5.5 EOBD

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

5.5.1 Performing EOBD/OBD-II Diagnostics

1. Tap *Moto* > *EOBD (Moto)*.

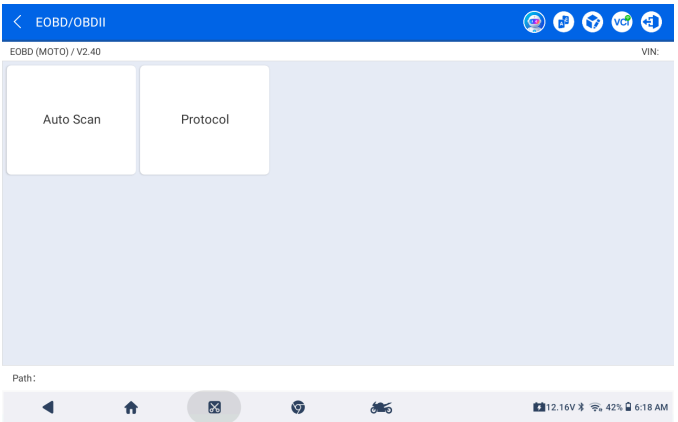

Figure 5-7

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 protocol and system status information.

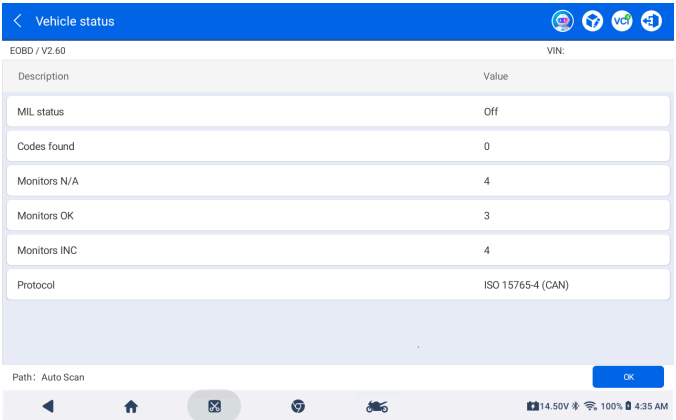

Figure 5-8

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

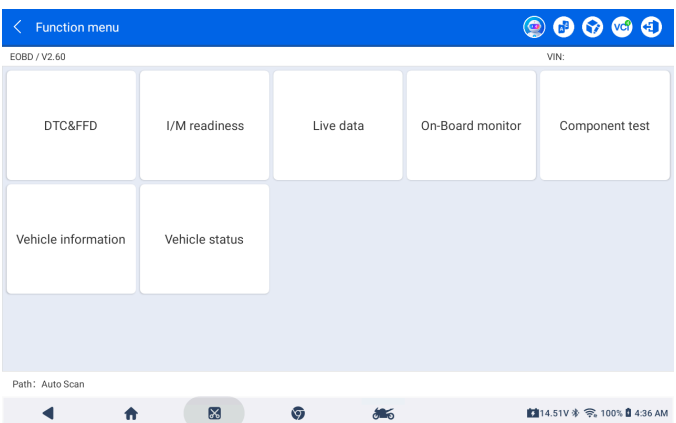

Figure 5-9

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.

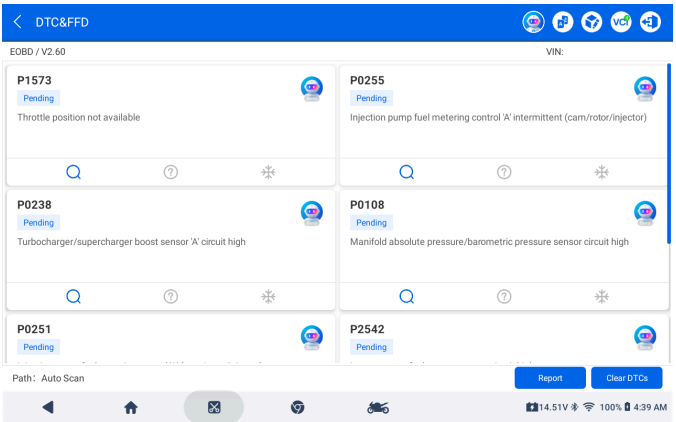

Figure 5-10

To read 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.

To clear DTCs

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

ⓘ 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.

To read freeze frame data

1. Tap *DTC&FFD* from the function menu.
2. Choose the vehicle make.
3. All fault codes are retrieved on the screen.
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.

To generate a report

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

ⓘ Note:
Saved reports can be accessed via *Folder* > *Diagnostic Report* > *Moto* > *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.

To read the real-time data stream

1. Tap *Live Data* from the function menu.
2. A list of real-time data streams is displayed. You can view detailed data, record data streams, display multiple data streams in one graph for comparison, and generate reports. For detailed instructions, refer to *Read Data Stream* in *Section 5.3.2*.

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 test types may vary depending on the vehicle make, model, and year.

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

To view general information

1. Tap *Vehicle information* from the function menu.
2. Tap *Vehicle general information*.
3. A menu is displayed. Select the desired option to view details.
   - Vehicle ID number (VIN)
   - Calibration ID (CID)
   - Calibration verification numbers (CVN)
   - ECU name

To view enhanced information

1. Tap *Vehicle information* from the function menu.
2. Tap *Vehicle enhance information*.
3. Tap *In-use 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.

SECTION 6: MARINE (PERSONAL WATERCRAFT DIAGNOSTICS)

The marine diagnostics module allows you to scan all systems configured on the personal watercraft (hereinafter referred to as the PWC) with one touch (Auto Scan) for DTCs or select an individual system to retrieve and clear DTCs, view data streams, read ECU information, perform hot functions and conduct active tests.

6.1 Diagnostic Toolbars

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

6.1.1 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) when you encounter a software issue during diagnostic operations. The detailed operation steps are presented in *Section 5.1.2*.
	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.

6.2 Identifying the Vehicle

The main diagnostic procedure is as follows: identify the vehicle > select the desired function type from the main menu > follow the on-screen instructions to perform relevant functions > complete the diagnostics and exit the session.

This section describes the vehicle identification process.

ⓘ Note:
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.

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

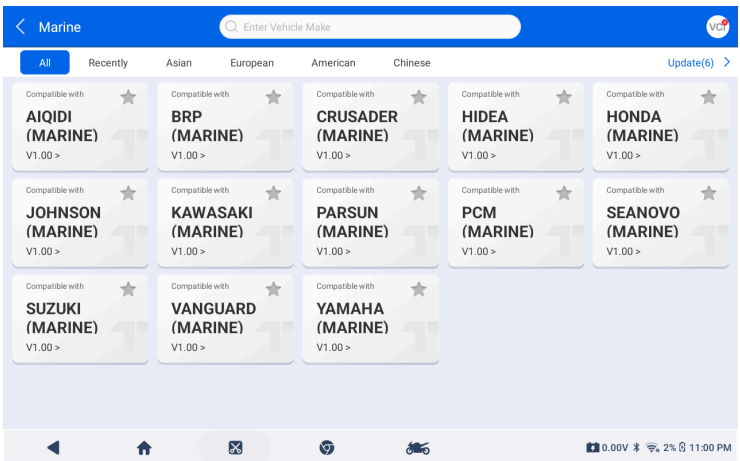

Figure 6-1

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

◎ Tips:

- Frequently used vehicle-specific diagnostic applications can be marked with the star icon , and accessed later under *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 one of the following options to identify the vehicle.
   - ***Automatic***: Enter the VIN manually or tap ***Read*** to acquire the VIN. Then tap ***Confirm***. The tablet will automatically decode the VIN to identify the vehicle.
   - ***Manual/By model***: Select the vehicle information manually to assist the device in identifying the vehicle.
   - ***System list***: Tap ***Auto Scan*** to automatically scan all systems installed on the vehicle, or manually select a system for scanning.

   ◎ Tips:
   - ***Diag Socket*** displays the DLC location or diagnostic cable diagrams for the selected vehicle model to facilitate the diagnostics process.
   - ***Manual service function*** provides detailed operation guides for certain maintenance services or fault codes for reference.

   ⓘ Note:
   The displayed function options may vary slightly depending on the selected vehicle-specific diagnostic software. Please refer to the actual product and interface for accurate information.

5. After confirming the vehicle information, a main menu displays, in which you can perform an auto scan, conduct hot functions, view vehicle profile and query repair information.

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

6.3 Auto Scan

After the device identifies your vehicle, ***Auto Scan*** enables the device to automatically detect all supported systems and retrieve DTCs, providing a comprehensive vehicle health check. You can also select an individual system for scanning. Performing an Auto Scan before and after repairs helps with troubleshooting and validating repairs. Pre- and post-scan reports allow you to record and compare the vehicle condition before and after repairs.

6.3.1 Automatically Scanning All Supported Systems

1. After the vehicle is identified as described in ***Section 6.2***, 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.
4. The tablet scans all supported systems and automatically retrieves DTCs.
5. The results can be viewed in a list (see Figure 6-2). The List displays all systems configured on the vehicle. Systems with DTCs detected are marked with a red triangle and the number of DTCs, while systems without DTCs are labeled ***Normal | No DTCs***.

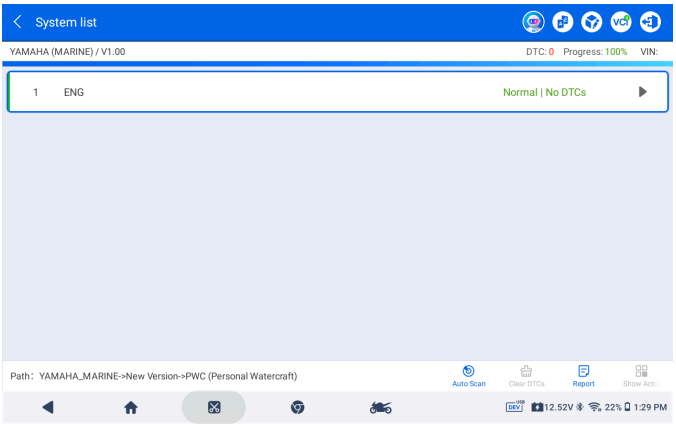

Figure 6-2

6.3.2 Diagnostics for an Individual System

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

1. After the vehicle is identified as described in *Section 6.2*, 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 *the desired system for scanning*.
4. Select a function from the *Function Menu* to perform the corresponding operation.

   ⓘ Note:
   Depending on the vehicle make, model, and year, some functions may not be available. The descriptions in this section are provided for reference only. The actual interface shall prevail.

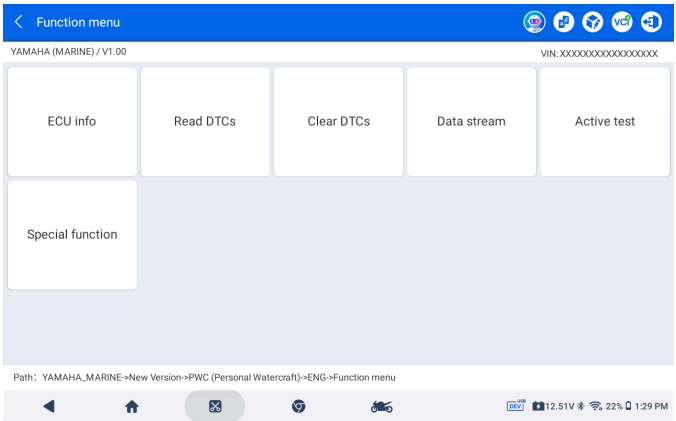

Figure 6-3

ECU Info

1. Select the desired system from the 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 list.
2. Tap *Read DTCs* in the function menu. The tablet will communicate with the ECU and display DTCs for the currently selected system.

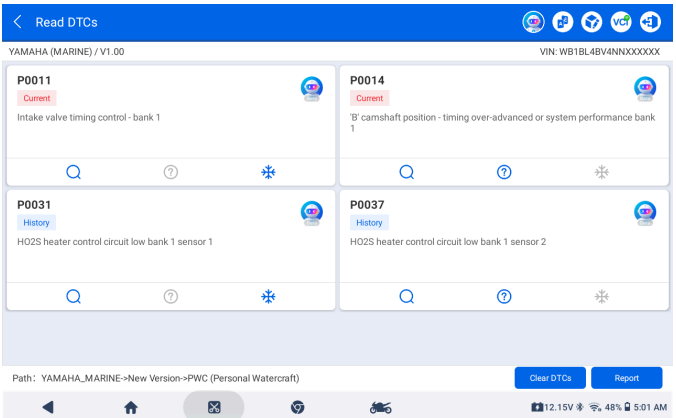

Figure 6-4

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 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 ***Folder > Diagnostic Report > Marine > Fault Code Report***.)

Clear DTCs
Tap to clear all the DTCs retrieved.

ⓘ 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 list.

2. Tap *Data Stream* in the function menu. A data stream list displays.

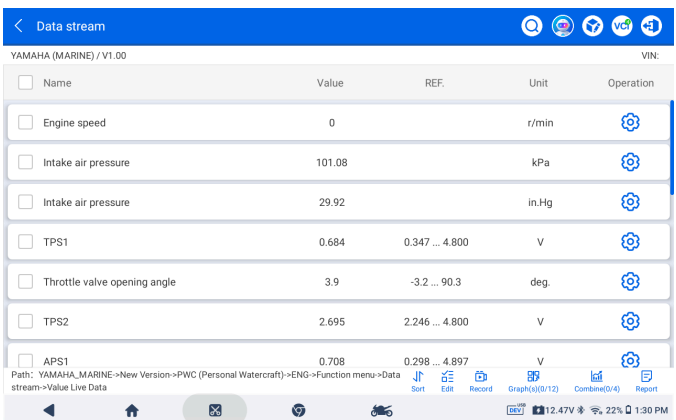

Figure 6-5

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
Switches between displaying all data streams and only the selected data streams.

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

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

Graph
Displays selected multiple data streams in separate graphs.

◎ Tip:
On the multi-graph screen, you can tap one graph for the full-screen view.

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 > Marine > 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 selected vehicle components directly from the app to verify their operation.

1. After the vehicle is identified, select the system for which you wish to perform active test from the 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 Functions
Special Functions offer component adaptation or resetting for custom configurations, and enables the input of adaptive values for certain components after repairs. The available functions displayed in the app may vary depending on the vehicle's make, model, and year.

⚠ Warning:
Exercise caution when performing special functions. Follow the on-screen instructions carefully to avoid unintended changes or damage to the vehicle's systems.

SECTION 7: UPDATE

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

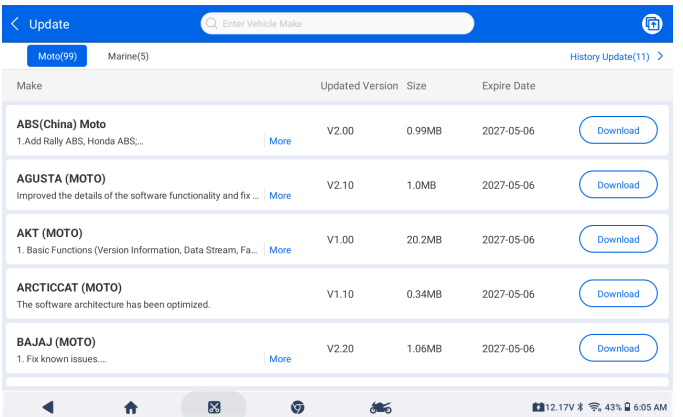

Figure 7-1

7.1 Updating Procedures

1. Tap *Update* > *Moto* or *Marine*.
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.

7.2 Viewing Update History

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

SECTION 8: FOLDER

The *Folder* contains saved diagnostic reports, data stream recordings, screenshots, photos, screen recordings, and access to the file manager.

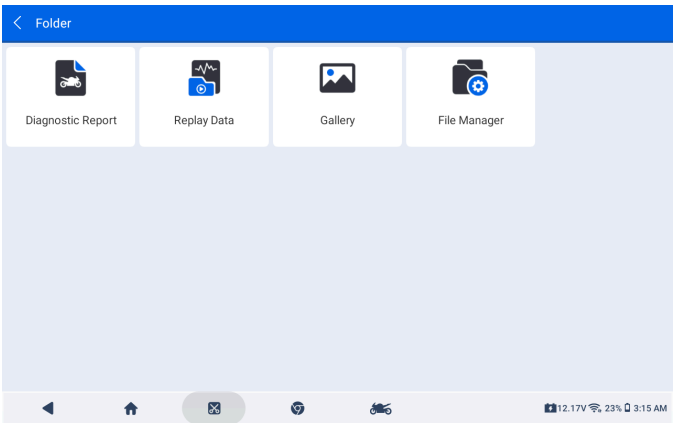

Figure 8-1

8.1 Diagnostic Report

During diagnostics, all saved reports are stored in the *Folder* and classified into four type: system reports, fault code reports, data stream reports and freeze frame reports.

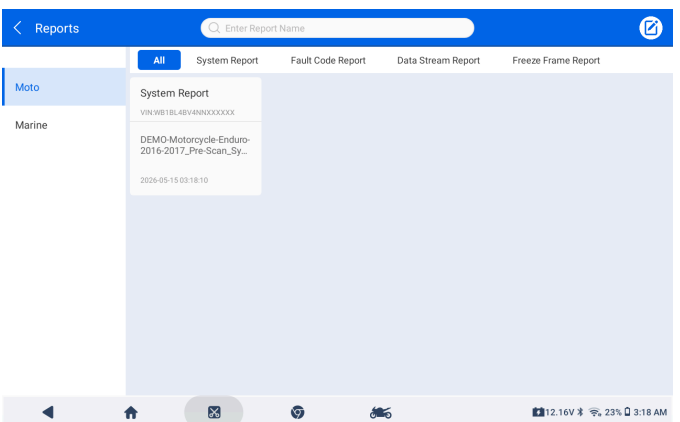

Figure 8-2

SECTION 9: LIBRARY

The library includes technical service bulletins, DLC diagnostic port locations and diagnostic cable diagrams, a warning light library, vehicle coverage lookup, a favorites folder, and electronic multilingual user manuals for ONE Moto. It also provides quick access to the default browser, official technical support, and the TOPDON official community.

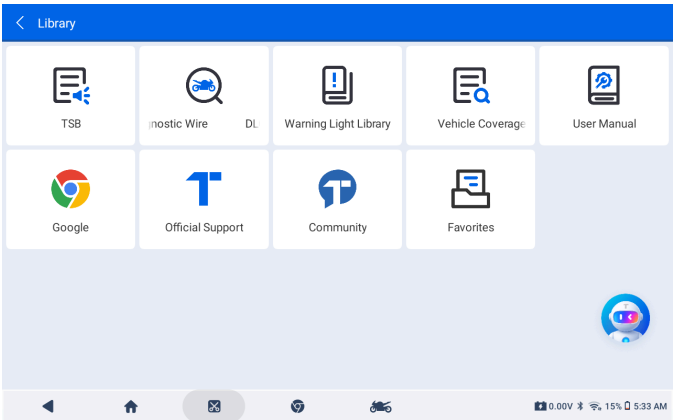

Figure 9-1

9.1 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.

9.1.1 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 be displayed.
3. Tap the desired bulletin to view the full content.

9.2 DLC Diagnostic Port Position and Diagnostic Wire

This feature provides diagrams showing the location of the motorcycle's Data Link Connector (DLC) and the required diagnostic cables, helping users connect the ONE VCI to the vehicle's DLC more efficiently.

9.2.1 Querying the DLC Position and Required Cables

1. Tap *Library > DLC Diagnostic Port Position and Diagnostic Wire*.
2. Select the vehicle make, model, year, engine and system, then tap ***Next***. Diagrams of the DLC location and required diagnostic cables for the selected vehicle are displayed.

9.3 Warning Light Library

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

9.3.1 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.

9.4 Vehicle Coverage Lookup

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

9.4.1 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.
4. Tap ***Query***. A list of relevant vehicle information is displayed.

9.5 User Manual

This feature provides electronic versions of multilingual ONE Moto user manuals.

9.6 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.

9.6.1 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.

9.7 Community

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

9.7.1 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.

9.8 Favorites

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

9.8.1 Add 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*.

9.8.2 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.

SECTION 10: QUICK SUPPORT

Quick Support enables you to receive prompt assistance by allowing an authorized user to remotely control your diagnostic tablet. This section explains how to grant remote access to get the help you need.

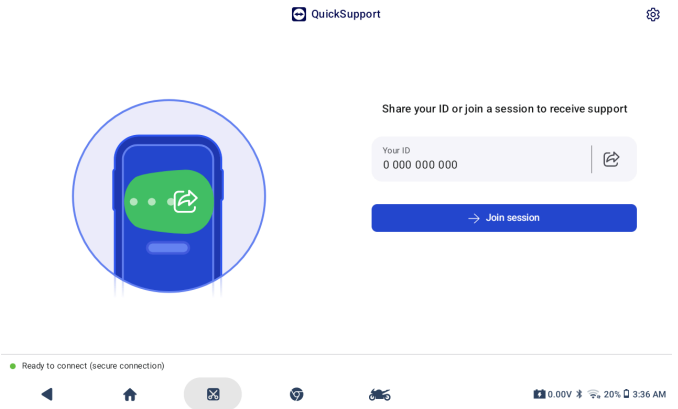

Figure 10-1

10.1 Using Quick Support

1. Make sure the tablet is connected to the Internet.
2. Tap *QuickSupport* on the home screen.
3. Carefully read the onboarding guide, then tap *Continue > Let's get started*.
4. An ID will be generated and displayed automatically. Choose one of the following methods to start a remote session:
   - Share the ID with the remote party and wait for them to initiate the session.
   - Tap *Join session*, obtain the session code from the remote party, enter the code, and then tap *Connect*.
5. Wait for the connection to be established, and remain in contact with the remote party throughout the session.
6. Exit the support session when assistance is no longer required.

SECTION 11: USER INFO

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

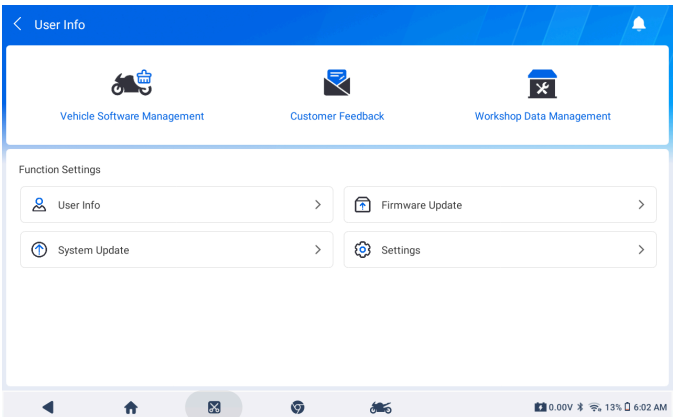

Figure 11-1

11.1 Vehicle Software Management

This function allows users to uninstall previously installed vehicle software, hide infrequently used software from the make menu, and manage update reminders for favorite vehicle software.

11.1.1 Uninstalling Vehicle Software

1. Tap *User Info > Vehicle Software Management > Uninstall Vehicle Software*.
2. Confirm VCI serial number, select the function type from the drop-down list, or manually enter the vehicle make to search.

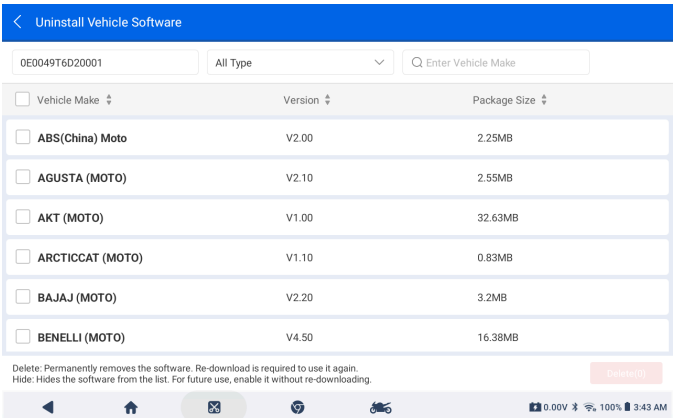

Figure 11-2

3. Choose the desired software from the list and tap ***Delete***.

11.1.2 Hiding Vehicle Software

1. Tap *User Info > Vehicle Software Management > Hide Vehicle Software*.
2. Toggle the switch for the corresponding vehicle-specific software.

ⓘ Note:
Hidden software will no longer appear in the vehicle make menu, and update notifications for that software will also be disabled. To restore it, toggle the switch again.

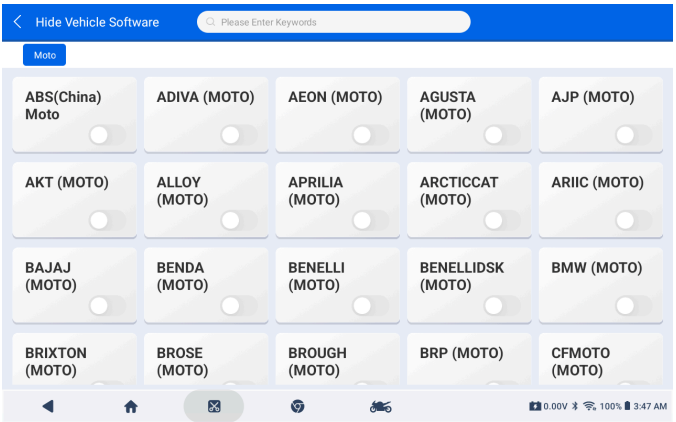

Figure 11-3

11.1.3 Managing Update Reminders for Favorite Software

1. Tap *User Info > Vehicle Software Management*.
2. Enable or disable the *Favorited Model Upgrade Reminder* option.

ⓘ 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.

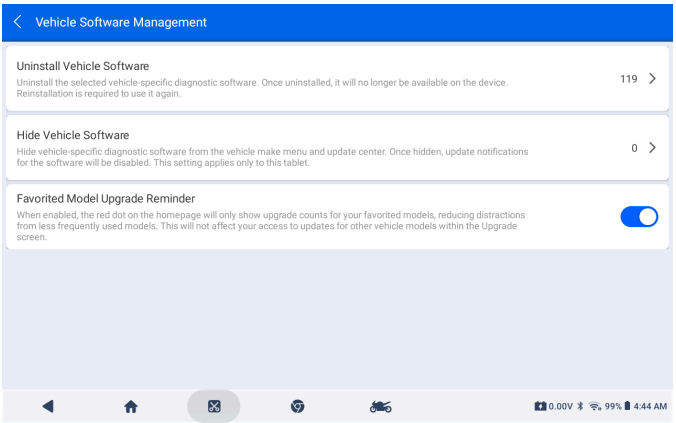

Figure 11-4

11.2 Customer Feedback

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

11.2.1 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*.

11.3 Workshop Data Management

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

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.

11.5 Firmware Update

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

11.6 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.

11.7 Settings

This feature allows you to access system settings, view storage information, configure the auto-lock interval, change the language and unit settings, transfer the device to another account, switch device modes, view product and service information, and log out of the account.

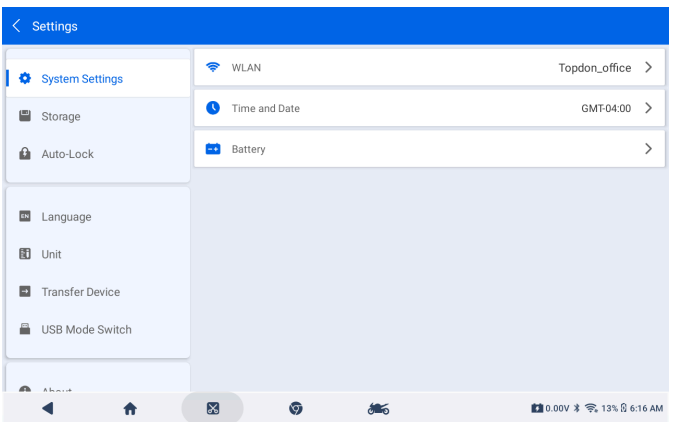

Figure 11-5

11.7.1 System Settings

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

Configuring System Settings

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

11.7.2 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.

Performing a Factory Reset

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

⚠ Warning:
Factory reset is irreversible and cannot be undone. Once the action is performed, all data stored in the account will be cleared.

11.7.3 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.

11.7.4 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*.

11.7.5 Unit

This feature allows users to change the measurement unit.

Changing the Unit

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

11.7.6 Transfer Device

This function allows you to transfer the device from your account to others.

Transferring a 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.

11.7.7 USB Mode Switch

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

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

Switching the Mode

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

11.7.8 About

This feature enables users to check for updates, view version history, access the Terms of Service and Privacy Policy, and revoke privacy consent.

11.7.9 ONE Moto

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.

11.7.10 Logout

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

Logging out

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

SECTION 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 13: SPECIFICATIONS

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

SECTION 14: FAQ

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 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 installed using a USB cable, and connect it to the vehicle's DLC using the OBD-II diagnostics cable.
4. Click ***Bind and Activate*** to link your ONE VCI to the RLink Platform.
5. Click ***Driver > Driver Download*** to download and install the corresponding OEM driver.
6. Additional steps may vary depending on the vehicle make, model, and year. For detailed instructions, go to ***User Guidance > Quick Guidance > ONE VCI*** to view guidance for supported vehicle makes.

ⓘ Note:

- Before performing diagnostics, you must download and install the required OEM diagnostic software on your computer. If you encounter any issues during 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 vehicle makes are supported by the ONE VCI under the J2534 protocol?

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

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

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

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

A Some advanced features will no longer be accessible, such as vehicle software updates, ECU coding, programming, and TopFix AI.

Q What should I do if a communication error occurs?

A Follow the steps below for troubleshooting:

1. Check if the ignition is ON.
2. Check if the ONE VCI is securely plugged into the vehicle's DLC.
3. Turn the ignition off. Then, turn it on again after 10 seconds and continue the operation.
4. Check if the vehicle's control module is defective.
5. If the problem persists, contact TOPDON customer service or the vehicle manufacturer.

SECTION 15: 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 Moto

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

FCC & ISED Statement
This device complies with Part 15 of the FCC Rules [and contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS standard(s)].
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation of the device.
L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

FCC VOC
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.
In case this equipment has to subject to FCC/IC SAR (Specific Absorption Rate) exposure test, this equipment is designed to meet the requirements for exposure to radio waves established by the FCC and ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body is within regulatory limits.

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

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

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