Version: V1.00.000

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Using This Manual

This manual contains device usage instructions.

Some illustrations shown in this manual may contain modules and optional equipment that are not included in your system.

The following conventions are used.

Bold Text

Bold text is used to highlight selectable items such as buttons and menu options.

Example:

Tap **OK**.

Notes and Important Messages

Notes

A NOTE provides helpful information such as additional explanations, tips, and comments.

Example:

Note: Remember to remove the VCI connector from the vehicle's DLC after use.

Warning

Warning indicates a hazardous situation which, if not avoided, could result in minor or moderate injury to the operator or to bystanders.

Example:

Warning: Retrieving and using DTCs for troubleshooting vehicle operation is only one part of an overall diagnostic strategy. Never replace a part based only on the DTC definition. Each DTC has a set of testing procedures, instructions and flow charts that must be followed to confirm the location of the problem. This information can be found in the vehicle's service manual.

Danger

Danger indicates an imminently or potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or to bystanders.

Example:

Danger: If you must drive the vehicle in order to perform a troubleshooting procedure, always have a second person help you. Trying to drive and operate the diagnostic tool at the same time is dangerous, and could cause a serious traffic accident.

Illustrations

Illustrations used in this manual are samples, the actual testing screen may vary for each vehicle being tested. Observe the menu titles and on-screen instructions to make correct option selection.

Important Safety Precautions

To avoid personal injury, property damage, or accidental damage to the product, read all of the information in this section before using the tool.

⚠ DANGER

• When an engine is operating, keep the service area well-ventilated or attach a building exhaust removal system to the engine exhaust system. Engines produce various poisonous compounds (hydrocarbon, carbon monoxide, nitrogen oxides, etc.) that cause slower reaction time and result in death or serious personal injury.

• Please use the included battery and power adaptor. Risk of explosion if the battery is replaced with an incorrect type.

• DO NOT attempt to operate the tool while driving the vehicle. Have second personal operate the tool. Any distraction may cause an accident.

⚠ WARNING

• Always perform automotive testing in a safe environment.

• Do not connect or disconnect any test equipment while the ignition is on or the engine is running.

• Before starting the engine, put the gear lever in the Neutral position (for manual transmission) or in the Park (for automatic transmission) position to avoid injury.

• NEVER smoke or allow a spark or flame in vicinity of battery or engine. Do not operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or heavy dust.

• Keep a fire extinguisher suitable for gasoline/chemical/electrical fires nearby.

• Wear an ANSI-approved eye shield when testing or repairing vehicles.

• Put blocks in front of the drive wheels and never leave the vehicle unattended while testing.

• Use extreme caution when working around the ignition coil, distributor cap,

ignition wires and spark plugs. These components create hazardous voltage when the engine is running.

- To avoid damaging the tool or generating false data, please make sure the vehicle battery is fully charged and the connection to the vehicle DLC (Data Link Connector) is clear and secure.
- Automotive batteries contain sulfuric acid that is harmful to skin. In operation, direct contact with the automotive batteries should be avoided. Keep the ignition sources away from the battery at all times.
- Keep the tool dry, clean, free from oil, water or grease. Use a mild detergent on a clean cloth to clear the outside of the equipment when necessary.
- Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
- Store the tool and accessories in a locked area out of the reach of children.
- Do not use the tool while standing in water.
- Do not expose the tool or power adapter to rain or wet conditions. Water entering the tool or power adaptor increases the risk of electric shock.
- This tool is a sealed unit. There are no end-user serviceable parts inside. All internal repairs must be done by an authorized repair facility or qualified technician. If there is any inquiry, please contact the dealer.
- Keep the tool far away from magnetic devices because its radiations can damage the screen and erase the data stored on the tool.
- Do not attempt to replace the internal rechargeable lithium battery. Contact the dealer for factory replacement.
- Do not disconnect battery or any wiring cables in the vehicle when the ignition switch is on, as this could avoid damage to the sensors or the ECU.
- Do not place any magnetic objects near the ECU. Disconnect the power supply to the ECU before performing any welding operations on the vehicle.
- Use extreme caution when performing any operations near the ECU or sensors. Ground yourself when you disassemble PROM, otherwise ECU and sensors can be damaged by static electricity.
- When reconnecting the ECU harness connector, be sure it is attached firmly, otherwise electronic elements, such as ICs inside the ECU, can be damaged.

Compliance Information

FCC ID: XUJX431V1V40

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

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

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

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The highest reported SAR for stand-alone and simultaneous transmission exposure conditions are below the maximum value. End-users must be informed of the operating requirements for satisfying RF exposure compliance.

This device is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU. The RF frequencies can be used in Europe without restriction.

TABLE OF CONTENTS

1 Introduction

1.1 Product Profile

This Android OS-based, tablet-style diagnostic tool incorporates the best possible coverage of OE-level diagnostics with multitasking capable software.

Using the powerful 8-core 1.8GHz processor and a 10.1 inch IPS capacitive touch screen with a resolution of 1920 x 1200 pixels, it delivers quick and complete diagnostic functionalities which technicians need to diagnose, research and repair vehicles in one solution.

Through the simple Bluetooth communication between VCI (Vehicle Communication Interface) device and the display tablet, it achieves full car model and full system vehicle trouble diagnosis, which include Reading DTCs, Clearing DTCs, Reading Data Stream, Actuation Test and Special Functions.

It has the following features:

- Intelligent Diagnose: This module allows you to use the VIN information of the currently identified vehicle to access its data (including vehicle information, historical diagnostic records) from the cloud server to perform quick test, eliminating guesswork and step-by-step manual menu selection.
- Local Diagnose: Follow the on-screen prompts to start diagnostic session step by step.
- Remote Diagnose: This option aims to help repair shops or technicians launch instant messaging and remote diagnosis, making the repair job getting fixed faster.
- Service Function: All kinds of common maintenance and reset items including Oil Reset Service, Electronic Parking Brake Reset, Steering Angle Calibration, ABS Bleeding, TPMS (Tire Pressure Monitor System) Reset, Gear Learning, IMMO Service, Injector Coding, Battery Maintenance System, Diesel Particulate Filter (DPF) Regeneration, Electronic Throttle Position Reset, Gearbox Matching, AFS (Adaptive Front-lighting System) Reset, Sunroof Initialization, Suspension Calibration etc.
- One-click Update: Lets you update your diagnostic software online.
- ADAS calibration: Allows you to perform Advanced Driver Assistance System (ADAS) calibration operations. This function needs to be activated before

normal use and only works with the specific ADAS calibration tool.

- <u>TPMS:</u> Configures the tool as a professional Tire Pressure Monitoring System (TPMS) service tool. It needs to work with the TSGUN device (sold separately) to perform all kinds of various TPMS functions.

- <u>Mall:</u> Enables you to subscribe some extra software or service functions that are not integrated in the tool online.

- <u>Diagnostic History</u>: This function provides a quick access to the tested vehicles and users can choose to view the test report or resume from the last operation, without the necessity of starting from scratch.

- <u>Feedback</u>: Enables you to submit the vehicle issue to us for analysis and troubleshooting.

- <u>Vehicle Coverage</u>: Quick dial to view the vehicle models that the tool covers.

- <u>Add-on modules:</u> Optional. BST 360 Battery Tester, Videoscope and Immobilizer Programmer are available as add-on modules, extending the functions of the tool.

1.2 Components & Controls

There are two main components to the diagnostic system:

• Display Tablet – the central processor and monitor for the system (See Chapter "1.2.1").

• VCI Device – the device for accessing vehicle data (See Chapter "1.2.2").

1.2.1 Display Tablet

The tablet acts as the central processing system, which is used to receive and analyze the live vehicle data from the VCI device and then output the test result.
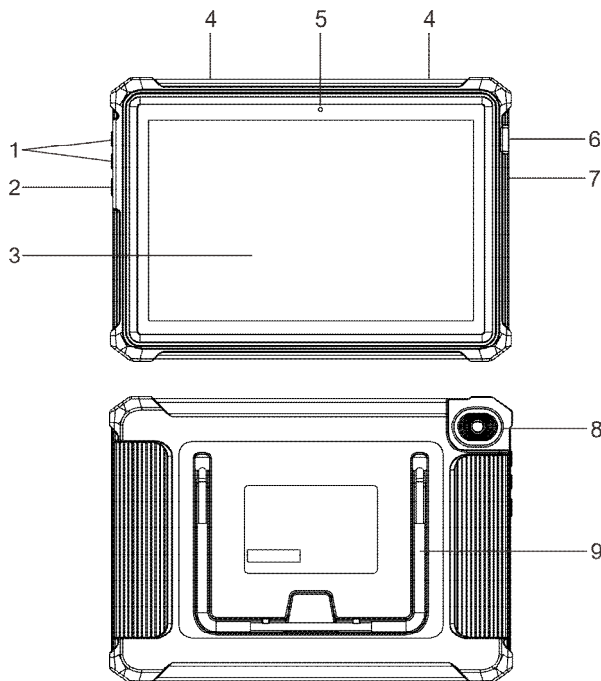
1	**Volume +/-**	Adjusts the system volume.
2	**POWER Key**	In Off mode, press it for 3 seconds to turn

|		the tablet on.
		In On mode:
		• Press it once to activate the LCD if the LCD is off. Press it once to turn off the LCD if the LCD lights up.
		• Press and hold it for 3 seconds to turn it off. Press and hold it for 8 seconds to perform forced shutdown.
3	**LCD Screen**	Indicates the test results.
4	**Speakers**	
5	**Front Camera**	
6	**Charging / Data I/O Port**	• Connects to AC outlet for charging. • Connects to PC for data exchange.
7	**Microphone**	
8	**Rear Camera**	
9	**Adjustable stand**	Flip it out to any angle and work comfortable at your desk, or hang it on steering wheel.

1.2.2 VCI Device

Compatible with commercial & passenger vehicles, the VCI can work as a vehicle communication interface device or a J2534 pass-thru device.

• When working with the diagnostic tablet, it acts as a vehicle communication interface device. It is used to read the vehicle data and then send it to the tablet via Bluetooth.
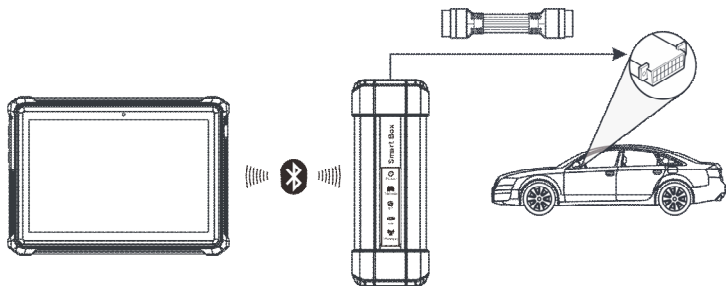
- When working with a PC, it acts as a J2534 Pass-thru device to perform the J2534 programming. For more details, refer to Chapter 10.
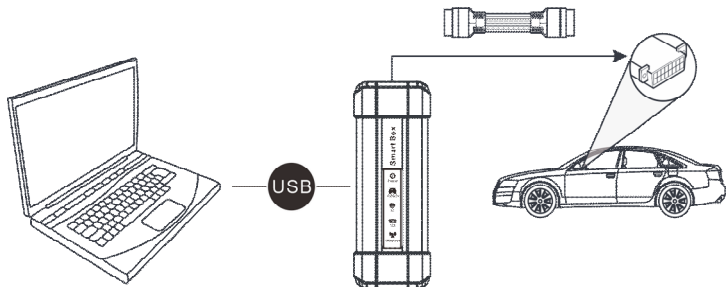
The LEDs enable you to easily identify the working status of the module.
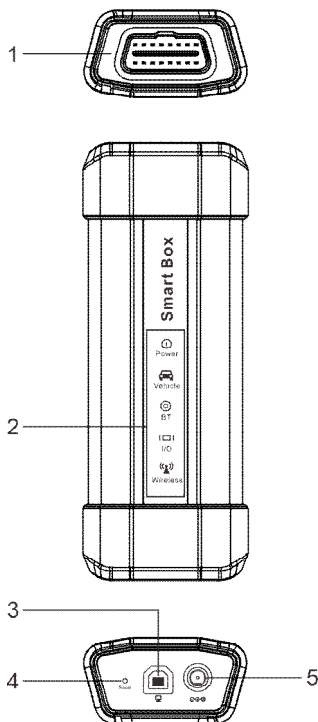
1	**Diagnostic socket**	Connect the diagnostic cable.
2	**LEDs**	Identify the working status of the VCI. It is defined as follows: • <u>Power</u>: It illuminates solid red when the VCI is powered on. • <u>Vehicle</u>: While communicating with the vehicle, it lights up and flashes. Otherwise, it will not illuminate. • <u>BT</u>: Blue indicates the VCI is working in Bluetooth mode. • <u>I/O</u>: It lights up when the VCI is connected

		to the PC via data cable.
		• <u>Wireless</u>: It lights up when the VCI is working in wireless communication mode.
3	**Data I/O port**	Connect to the VCI device to perform J2534 programming operations.
4	**Reset hole**	Reset the VCI.
5	**DC-IN power jack**	Connect the power adaptor.

1.3 Technical Parameters

<u>Display Tablet</u>

Operating system: Android

Memory: 3GB

Storage: 32GB

Screen: 10.1 inch FHD IPS capacitive touch screen with a resolution of 1920 x 1200 pixels

Camera: Front-facing 5.0MP + Rear-facing 8.0MP camera

Connectivity:

• Wi-Fi (802.11a/b/g/n/ac)

• Bluetooth

Working temperature: 0℃ ~ 50℃

Storage temperature: -20℃ ~ 70℃

<u>VCI Connector</u>

Working Voltage: DC 9V ~ 36V

RAM: 256MB

ROM: 8GB

USB: Type B x 1

Wi-Fi: Dual Band 2.4G/5GHz

Power consumption: ≤6.6W

Working Temperature: 0℃ ~ 50℃

Dimension: 200mm x 75mm x 40mm

1.4 Package List

The following packing list is for reference purpose only. For different destinations, the accessories may vary. For details, please consult from the local dealer or check the packing list supplied with this tool together.

No.	Item	Descriptions	Qt.
1	Display tablet	Indicates the test result.	1
2	VCI connector	A device for accessing vehicle live data.	1
3	OBD II extension cable	Connects the VCI connector to vehicle's OBD II diagnostic socket.	1
4	Password envelope	A piece of paper bearing the product Serial Number and Activation Code for product registration.	1
5	Power adaptor	Charges the tablet via AC outlet.	2
6	Charging (Type A to Micro) cable	Charges the tablet.	1
7	Type A to Type B USB cable	Connects the VCI device to the PC to reflash the ECU	1
8	OBD I adaptor box	Connects the diagnostic cable and non-16pin adaptor cable.	(Optional)
9	Battery clamps cable	Supplies power to the non-16pin connector from the vehicle's battery.	(Optional)
10	Cigarette lighter cable	Supplies power to the non-16pin connector from the cigarette lighter	(Optional)

		receptacle.	
11	Non-16pin adaptor cable kit	For different vehicle diagnostic socket, it may be necessary to use one of the non-16pin connectors included within the kit. For detailed non-16pin connectors, please check the package box.	(Optional)

2 Initial Use

2.1 Charging & Turning On

1. Use the included power adaptor to charge the tablet.

2. After charging is complete, press the POWER button to turn the tablet on. The system starts initializing and then enters the home screen.

Note: If the battery remains unused for a long period of time or the battery is completely discharged, it is normal that the tool will not power on while being charged. Please charge it for a period of 5 minutes and then turn it on.

Warning: Please use the included power adaptor to charge your tool. No responsibility can be assumed for any damage or loss caused as a result of using power adaptors other than the one supplied.

Press [POWER] for 3 seconds, an option menu will pop up on the screen. Tap **Power off** to turn the tool off.

2.2 Screen Layout

The following on-screen buttons are available on the bottom of the screen.

BACK: Tap it to return to the previous screen.

HOME: Tap it to navigate to the Android's home screen.

Recent Apps: Tap it to view the recently opened applications.

Screenshot: Tap it to capture the current screen.

2.3 Basic Gestures

Single-tap: To select an item or launch a program.

Double-tap: To zoom in so that the text on a webpage appears in a column that fits your device's screen.

Long press: Tap and hold on the current interface or area until a contextual menu pops up on the screen, and then release it.

Slide: To jump to different pages.

Drag: Tap the application icon and drop it to other location.

Spread apart/pinch together: To zoom in manually, place two fingers on the screen and then spread them apart. To zoom out, place two fingers apart on the screen and then pinch them together.

2.4 Change System Language

The tool supports multiple system languages. To change the language of the tool, please do the following:

1. On the home screen, tap **Settings -> System -> Language & input -> Languages**.
2. Tap **Add a language**, and then choose the desired language from the list.
3. Tap and hold the desired language and drag it to the top of the screen and then release it, the system will change into the target language.

2.5 Adjust Brightness

Note: Reducing the brightness of the screen is helpful to conserve the battery power.

1. On the home screen, tap **Settings -> Display -> Brightness level**.
2. Drag the slider to adjust it.

2.6 Set Standby Time

If no activities are made within the defined standby period, the screen will be locked automatically and the system enters sleep mode to save power.

1. On the home screen, tap **Settings -> Display -> Advanced -> Sleep**.
2. Choose the desired sleep time.

2.7 Network Setup

The tablet has built-in Wi-Fi that can be used to get online. Once you're online, you can register your tool, surf the Internet, get apps, send email, launch the remote diagnosis, and check for software updates etc.

1. On the home screen, tap **Settings -> Network & Internet -> WLAN**.

2. Slide the Wi-Fi switch to ON, the tablet starts searching for available wireless networks.

3. Select a wireless network,

   • If the chosen network is open, the tablet will connect automatically.

   • If the selected network is encrypted, a network password will need to be entered.

4. When **Connected** appears, it indicates the Wi-Fi connection is complete.

Note: When Wi-Fi is not required, this should be disabled to conserve battery power.

3 Getting Started

For new users, you will need to experience a user registration process before getting started.

3.1 Register & Update

Follow the steps below to proceed registration and update:

Tap the application icon on the home screen to launch it, and then tap **Login** to enter the login interface of diagnosis software.

(If you are a new user, follow A to proceed.)

(If you have registered to be a member, go to B to login the system directly.)

(If you have bound a sub-account to this tool, go to B to login the system.)

(In case you forgot password, refer to D to reset a new password.)

A. If you are a new user, tap **New Registration** to enter the sign-up page.

Fill in the information in each field (Items with * must be filled). After inputting, tap **Register**, the following screen will appear:
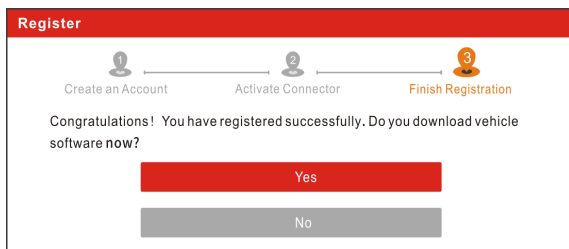

Input the 12-digit Product Serial Number and 8-digit Activation Code (can be obtained from the password envelope), and then tap **Activate**.
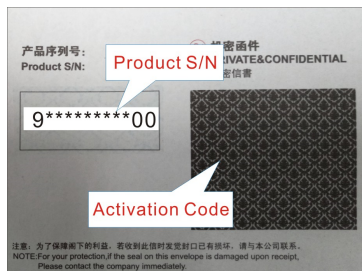
Tap **Yes** to navigate to the update center to update all available software. Tap

No to ignore it. In this case, follow Chapter 7 to check for updates.

Register
Create an Account ——— Activate Connector ——— **Finish Registration**
Congratulations！You have registered successfully. Do you download vehicle software now?
Yes
No

After the registration is successfully complete, the wireless communication between the tablet and the VCI device is automatically established and user has no need to configure it again.

B. If you have registered to be a member, input your name and password, and then tap **Login** to enter the main menu screen directly.

Note: The tablet has an auto-save function. Once the username and password are correctly entered, the system will automatically store it. Next time you login the system, you will not be asked to input the account manually.

C. If you have created a sub-account or bound an existing account to the tool, tap **Sub-account login** to login. For more details on sub-accounts, refer to Chapter 9.11.8.

D. If you forgot the password, tap **Retrieve password** and then follow on-screen instructions to set a new password.

3.2 Job Menu

It mainly includes the following items:

Name	Description
Intelligent Diagnose	• Obtain vehicle data from the cloud server to perform quick test via reading VIN, to avoid various defects resulting from step-by-step menu selection. • Check the historical repair records online.
Local Diagnose	Diagnose a vehicle manually.

Service Function	Perform commonly used repair & maintenance services.
Remote Diagnose	This option aims to help repair shops or technicians launch instant messages and remote diagnosis, making the repair job getting fixed faster.
TPMS	Configures this tool as a professional TPMS (Tire Pressure Monitoring System) service tool. It needs to work with the TSGUN device (sold separately) to perform all kinds of various TPMS functions.
Software Update	Update vehicle diagnostic software and APK.
Diagnostic History	• Access the diagnostic reports from the previously tested vehicles. • Resume the previous operation without starting from scratch.
Feedback	Feedback the recent 20 diagnostic logs for issue analysis.
ADAS	Perform ADAS (Advanced Driver Assistance System) calibration operations. It needs to work with the specific ADAS calibration tool (sold separately).
Mall	Subscribe some extra software or service functions that are not included in the diagnostic tool online.
Vehicle Coverage	View all the vehicle models that the tool covers.
Maintenance	Abundant maintenance data are available, which helps repair professionals diagnose and repair vehicles efficiently, accurately and profitably.
User Info	To manage my VCI, my reports, change password, configure wireless Wi-Fi printer, configure system settings and logout etc.
Other Modules	Includes some add-on modules (such as Videoscope and BST360 etc), product manual and FAQ etc.

3.3 Diagnostics Toolbar

The diagnostics toolbar contains a number of buttons that allow you to print the displayed data or make other controls. It is displayed on the upper right corner of the screen and goes through the whole diagnostic session. The table below provides a brief description for the operations of the diagnostics toolbar buttons:

| Name	Button	Description
Home		Returns to Job menu screen.
Print		Tap to print the current screen. Before printing, you need to configure the wireless printer following the steps described in Chapter 9.11.3.
Exit		Exits the diagnostic application.

4 Connections

4.1 Preparation

- The ignition is turned on.
- The vehicle battery voltage range is 11-14 volts or 18~30 volts.
- The throttle is in the closed position.
- Find DLC location.

1. For Passenger Vehicles,

The DLC(Data Link Connector) is usually located 12 inches from the center of the instrument panel, under or around the driver's side for most vehicles. For some vehicles with special designs, the DLC location may vary. Refer to the following figure for location.
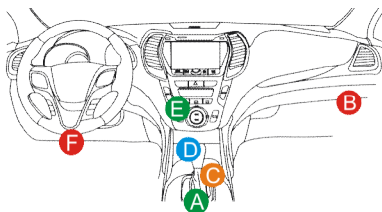
A. Opel, Volkswagen, Audi

B. Honda

C. Volkswagen

D. Opel, Volkswagen, Citroen

E. Changan

F. Hyundai, Daewoo, Kia, Honda, Toyota, Nissan, Mitsubishi, Renault, Opel, BMW, Mercedes-Benz, Mazda, Volkswagen, Audi, GM, Chrysler, Peugeot, Regal, Beijing Jeep, Citroen and other most popular models

If the DLC cannot be found, refer to the vehicle's service manual for the location.

2. For Commercial Vehicles,

The DLC is generally located in driver's cab.

4.2 Vehicle Connection (Only for Passenger Vehicle Configuration)

The method used to connect the VCI device to a vehicle's DLC depends on the vehicle's configuration as follows:

• A vehicle equipped with an OBD II management system supplies both communication and 12V power through a standardized DLC.

• A vehicle not equipped with an OBD II management system supplies communication through a DLC connection, and in some cases supplies 12V power through the cigarette lighter receptacle or a connection to the vehicle battery.
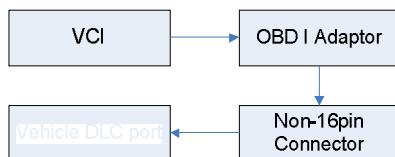
4.2.1 OBD II vehicle Connection

Use the included OBD II extension cable to connect the VCI to the vehicle's DLC port.
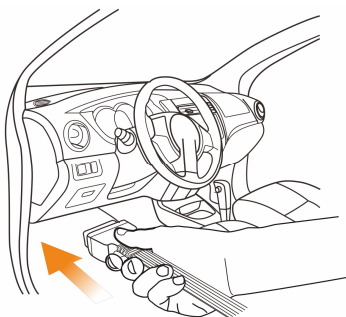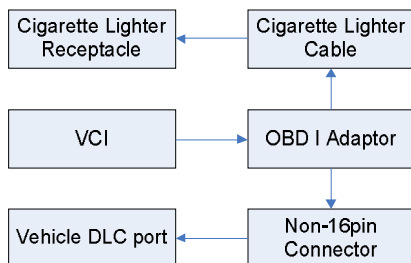
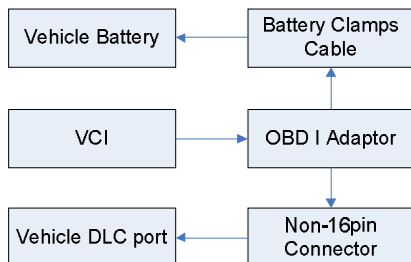

4.2.2 Non-OBD II vehicle Connection
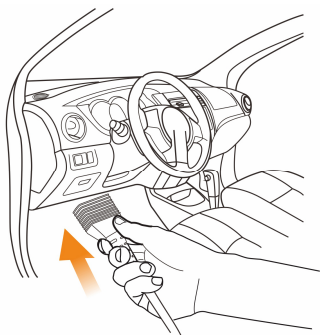
For non-OBDII vehicle, proceed as follows:

 Note: If the pin of the DLC is damaged or the DLC has insufficient power, please get power via either of the following methods:

A. Battery Clamps Cable (optional):

```
┌─────────────────┐          ┌─────────────────┐
│ Cigarette Lighter│ ◄──────  │ Cigarette Lighter│
│   Receptacle     │          │      Cable       │
└─────────────────┘          └─────────────────┘
                                       ▲
                                       │
┌─────────────────┐          ┌─────────────────┐
│       VCI        │ ──────►  │   OBD I Adaptor  │
└─────────────────┘          └─────────────────┘
                                       │
                                       ▼
┌─────────────────┐          ┌─────────────────┐
│ Vehicle DLC port │ ◄──────  │    Non-16pin     │
│                  │          │    Connector     │
└─────────────────┘          └─────────────────┘
```

B. Cigarette Lighter Cable (optional):

```
┌─────────────────┐          ┌─────────────────┐
│ Vehicle Battery  │ ◄──────  │  Battery Clamps  │
│                  │          │      Cable       │
└─────────────────┘          └─────────────────┘
                                       ▲
                                       │
┌─────────────────┐          ┌─────────────────┐
│       VCI        │ ──────►  │   OBD I Adaptor  │
└─────────────────┘          └─────────────────┘
                                       │
                                       ▼
┌─────────────────┐          ┌─────────────────┐
│ Vehicle DLC port │ ◄──────  │    Non-16pin     │
│                  │          │    Connector     │
└─────────────────┘          └─────────────────┘
```

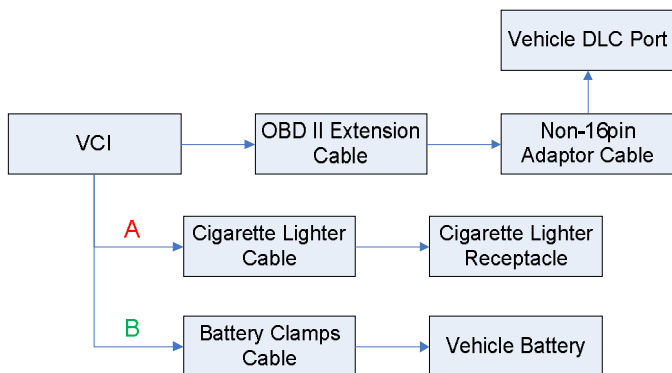## 4.2 Vehicle Connection (Only for Commercial Vehicle Configuration)

4.2.1 OBD II vehicle Connection

Use the included OBD II extension cable to connect the VCI to the vehicle's DLC port.

4.2.2 Non-OBD II vehicle Connection

For non-OBDII commercial vehicle, refer to the following connection method to proceed.

5 Diagnosis

5.1 Intelligent Diagnose

Through simple Bluetooth communication between the display tablet and VCI, you can easily get the VIN (Vehicle Identification Number) information of the currently identified vehicle. Once the VIN is successfully identified, the system will retrieve it from the remote server and then guide you to vehicle information page without the necessity of step-by-step manual menu selection.

The vehicle information page lists all historical diagnostic records of the vehicle, which lets the technician have a total command of the vehicle faults. In addition, a quick dial to local diagnose and diagnostic function are also available on this page for reducing the roundabout time and increasing productivity.

📑 Notes:

• Before using this function, please make sure the VCI is properly connected to the vehicle's DLC. For detailed connection, see Chapter 4.2.2 "Vehicle Connection".

• A stable network connection is required for this function.

1. Tap **Intelligent Diagnose** on the Job menu screen to start pairing with the VCI.

2. After pairing is complete, the tablet starts reading the vehicle VIN.

A. <u>If the VIN can be found from the remote server database</u>, the following screen will appear:
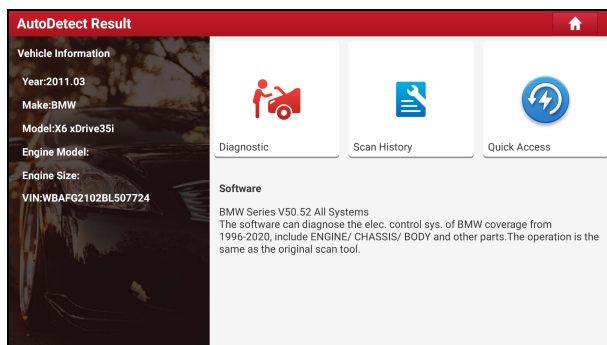
• Tap "Diagnostic" to start a new diagnostic session.

• Tap "Maintenance record" to view its historical repair record. If there are records available, it will be listed on the screen in sequence of date. If no records exist, the screen will show "No Record".

Scan History				🏠
2020 05/14	**Number of diagnostic systems:3**	Quantity of DTCs:3	14:33:47	View Record
2020 03/12	**Number of diagnostic systems:0**	Quantity of DTCs:0	10:17:02	View Record
	Number of diagnostic systems:3	Quantity of DTCs:3	10:16:00	View Record
2020 03/10	**Number of diagnostic systems:4**	Quantity of DTCs:10	16:39:54	View Record
Mazda 马自达2 2007 VIN LVSFDAMA37N000000				Quick Access

• Tap "View record" to view the details of the current diagnostic report.

• To perform other functions, tap "Quick access" to directly go to the function selection screen. Choose the desired one to start a new diagnostic session.

B. If the tablet failed to access the VIN information, the following screen will appear:

Enter VIN

```
┌─────────────────────┬───┐
│               ▼     │ ⌗ │
└─────────────────────┴───┘
 0  1  2  3  4  5  6  7  8  9
  W  E  R  T  Y  U  P    ⌫
  A  S  D  F  G  H  J  K  L
   Z  X  C  V  B  N  M
      SKIP          OK
```
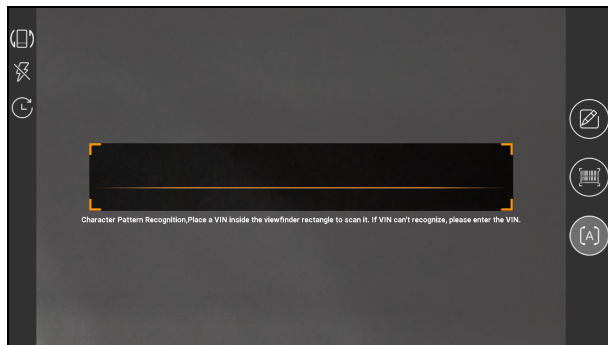
• Tap the input field to directly, tap **OK**. If the VIN exists on the remote server, the system will enter the diagnostic function selection screen.

• Tap ⌗ to launch the VIN recognition module.

Place the VIN inside the viewfinder rectangle to scan it. The most recognizable location for this number is in the top left corner on the vehicle's dashboard. Other locations include the driver's door or post, and the firewall under the hood.

• Tap [icon] to switch the display mode of the screen.

• Tap [icon] to turn the camera flash on.

• Tap [icon] to choose it from the record list if the VIN of the vehicle has been scanned before.

• Tap [icon] to input the VIN manually if the tablet has failed to identify the VIN of the vehicle.

• Tap [icon] to scan the VIN barcode. If the VIN barcode cannot be recognized, please manually input the VIN.

• Tap [icon] to scan the VIN character. If the VIN character cannot be recognized, please manually input the VIN.

After scanning, the screen will automatically display the result.

Recognize result

WBAFG2102BL507724

WBAFG2TD2BL507724

If the VIN recognition is not correct, click change.VIN length is limited to 17

REPEAT	OK

- If the VIN scanned is incorrect, tap the result field to modify it and then tap **OK**.

- To scan it again, tap **REPEAT**.

If the VIN exists on the remote server, the system will enter the diagnostic function selection screen.

5.2 Local Diagnose

In this mode, you need to execute the menu-driven command and then follow the on-screen instruction to proceed.

Tap **Local Diagnose** to enter the vehicle selection page.

Local Diagnose   Q Enter the model name

VIN scan [All] Common   American   European   Asian   Chinese   HD

Diagnostics for	Diagnostics for	Diagnostics for	Diagnostics for	Diagnostics for	Diagnostics for
DEMO	EOBD/OBDII	ABARTH	ABS	ACURA	ALFA ROMEO
by LAUNCH	by LAUNCH	HD by LAUNCH	by LAUNCH	by LAUNCH	by LAUNCH
Diagnostics for	Diagnostics for	Diagnostics for	Diagnostics for	Diagnostics for	Diagnostics for
ALLISON	ASTRA	AUDI	BMW	BONLUCK	BOSCH
HD by LAUNCH	HD by LAUNCH	by LAUNCH	by LAUNCH	HD by LAUNCH	HD by LAUNCH
Diagnostics for	Diagnostics for	Diagnostics for	Diagnostics for	Diagnostics for	Diagnostics for
BRILLIANCE	BUICK	BYD	CADILLAC	CATERPILLAR	CHANGAN

2 approaches are provided for you to access the vehicle diagnostic software. Choose any one of the following ways:

1. VIN SCAN enables you to access it more quickly.

Tap **VIN Scan**, the following screen will appear:

Local Diagnose

VIN scan   All   Common   American   European   Asian   Chinese

Camera Scan
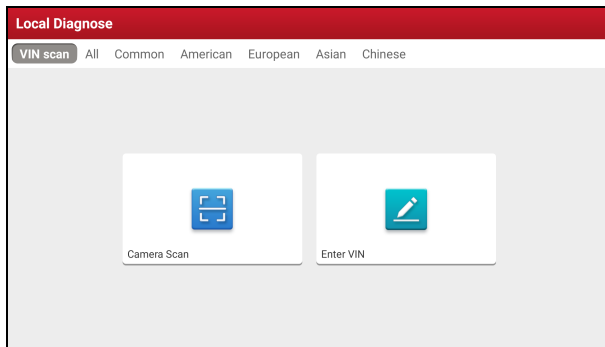
Enter VIN

In this case, camera scan and enter VIN are available.

A. <u>Camera Scan</u>: In this mode, the VCI should be connected to the vehicle's DLC first, and then a Bluetooth communication should be established between the tablet and the VCI.

Tap **Camera Scan**, a screen similar to the following will appear:
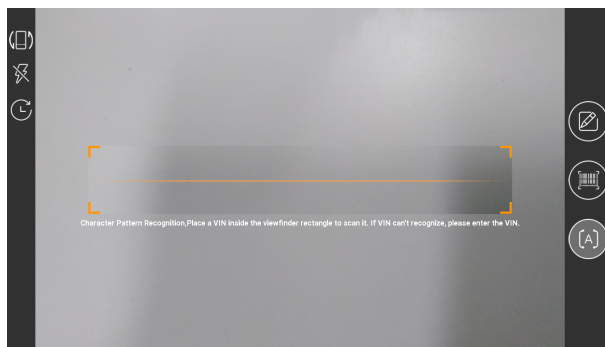
Character Pattern Recognition,Place a VIN inside the viewfinder rectangle to scan it. If VIN can't recognize, please enter the VIN.

Place the VIN inside the viewfinder rectangle to scan it. The most recognizable location for this number is in the top left corner on the vehicle's dashboard. Other locations include the driver's door or post, and the firewall under the hood.

- Tap [icon] to switch the display mode of the screen.

- Tap [icon] to turn the camera flash on.

- Tap ⟳ to choose it from the record list if the VIN of the vehicle has been scanned before.

- Tap ✎ to input the VIN manually if the tablet has failed to identify the VIN of the vehicle.

- Tap ▦ to scan the VIN barcode. If the VIN barcode cannot be recognized, please manually input the VIN.

- Tap [A] to scan the VIN character. If the VIN character cannot be recognized, please manually input the VIN.

After scanning, the following screen will appear.

Recognize result	
WBAFG2102BL507724	
WBAFG2TD2BL507724	
If the VIN recognition is not correct, click change.VIN length is limited to 17	
REPEAT	OK

If the VIN scanned is incorrect, tap the result field to modify it and then tap **OK**. If the VIN exists on the remote server, the system will navigate to the diagnostic function selection screen directly.

Tap the desired option to perform the corresponding diagnostic function.

B. INPUT VIN: In this mode, you can input the vehicle VIN manually.

Tap **Enter VIN**, the following screen will appear.