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Statement: LAUNCH owns the complete intellectual property rights for the software used by this product. For any reverse engineering or cracking actions against the software, LAUNCH will block the use of this product and reserve the right to pursue their legal liabilities.

Disclaimer of Warranties and Limitation of Liabilities

All information, illustrations, and specifications in this manual are based on the latest information available at the time of publication.

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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.

Notes and Important Messages

Notes

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

Warning

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

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.

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 Data Link Connector (DLC) is clear and secure.
- Retrieving and using Diagnostic Trouble Codes (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.
- 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.

- Do not keep using the scan tool when it is being charged.
- 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 Electronic Control Unit (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 Programmable Read Only Memory (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 Integrated Circuits (ICs) inside the ECU, can be damaged.

Compliance Information

Model: OADD-PO1005A

FCC ID: XUJX431PROV5

IC: 29886-PO1005A

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 Innovation, Science and Economic Development Canada’s licence-exempt RSSs and 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.

Cet appareil est conforme aux RSSs exempts de licence d' Innovation, Sciences et Développement économique Canada et à la partie 15 des règles de la FCC. Le fonctionnement est soumis aux deux conditions suivantes:

(1) Cet appareil ne doit pas causer d'interférences nuisibles; et

(2) Cet appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement indésirable.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

The device for operation in the band 5150-5250MHz is only for indoor use.

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.

Specific Absorption Rate (SAR) information

This product meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

RF Exposure Information and Statement

The SAR limit is 1.6 W/kg averaged over one gram of tissue. This device has also been tested against this SAR limit. This device was tested for typical

body-worn operations 0mm from the body. To maintain compliance with RF exposure requirements, use accessories that maintain a 0mm separation distance between the user's body.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0mm must be maintained between the user's body, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

Cet appareil a été testé pour des opérations typiques portées sur le corps, pour satisfaire aux exigences relatives à l'exposition RF, une distance minimale de séparation de 0mm doit être maintenue entre le corps de l'utilisateur, y compris l'antenne. Les clips de ceinture, les étuis et les accessoires similaires de tiers utilisés par cet appareil ne doivent pas contenir de composants métalliques. Les accessoires portés sur le corps qui ne répondent pas à ces exigences ne peuvent pas être conformes aux exigences relatives à l'exposition RF et doivent être évités. Utilisez uniquement l'antenne fournie ou une antenne approuvée.

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.

Model: S4001A

FCC ID: XUJS4001A

IC: 29886-S4001A

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 Innovation, Science and Economic Development Canada's licence-exempt RSSs and 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.

Cet appareil est conforme aux RSSs exempts de licence d' Innovation, Sciences et Développement économique Canada et à la partie 15 des règles de la FCC. Le fonctionnement est soumis aux deux conditions suivantes:

(1) Cet appareil ne doit pas causer d'interférences nuisibles; et

(2) Cet appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement indésirable.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

The device complies with FCC Radiation exposure limits set forth for uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator and your body.

L'appareil est conforme aux limites d'exposition aux radiations de la FCC définies pour un environnement non contrôlé. Cet appareil doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

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 Overview

1.1 Packing List

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

1. Scan tool (OADD-PO1005A) x 1
2. SmartLink C device (S4001A) x 1
3. Diagnostic cable x 1
4. Power adaptor x 1 (including 2 switching adaptors)
5. Type-A to Type-C data cable x 1
6. Password envelope x 1
7. Crossover cable x 1
8. Quick start guide x 1
9. Jumper-8 line x 1
10. Electronic control converter line kit x 1
11. Test adaptor kit for battery communication interface x 1
12. Tesla airbag repair special connector x 1
13. Tesla 12+20 connector V2 x 1
14. USB2.0 Ethernet adaptor card x 1
15. Network port diagnostic test cable x 2

1.2 Components & Controls

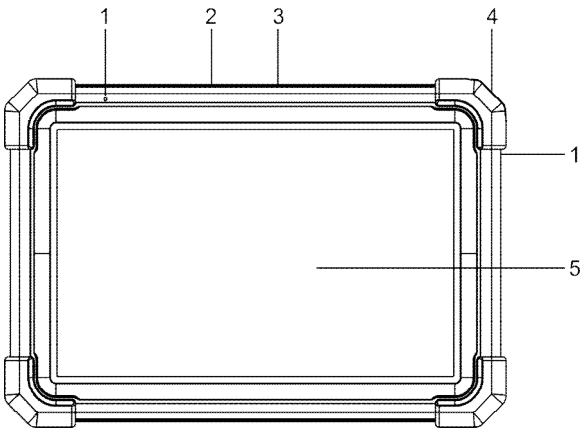
There are two main components to the diagnostic system:

- Scan Tool
- SmartLink C Device

1.2.1 Scan Tool

The scan tool acts as the central processing system, which is used to receive and analyze the live vehicle data from the SmartLink C device and then output

the test result.



1. **Microphone**
2. **Type-A USB Port**

- Connect to the SmartLink C device to perform vehicle diagnosis via the data cable.
- Connect to compatible add-on modules (such as Videoscope) or USB storage devices.

3. **Type-C USB Port**

- Connect to AC outlet for charging.
- Connect to PC for data exchange.

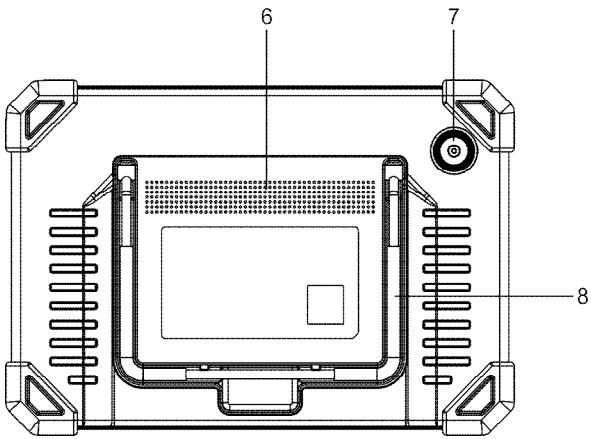
4. **POWER Button**

Turn the scan tool on/off.

Note: Press and hold it for 8 seconds to perform forced shutdown.

5. **Touch Screen**

Indicate the test result.



6. **Audio Speaker**
7. **Rear Camera**
8. **Adjustable Kickstand**

Flip it out to any angle and work comfortable at your desk, or hang it on steering wheel.

1.2.2 SmartLink C Device

The SmartLink C device features powerful functions and it can be applied in the following situations:

1). When as a Vehicle Communication Interface (VCI), it needs to work with the **Diagnose** module of the san tool, which is used to obtain vehicle data, and then send it to the san tool for analysis wirelessly or via data cable.

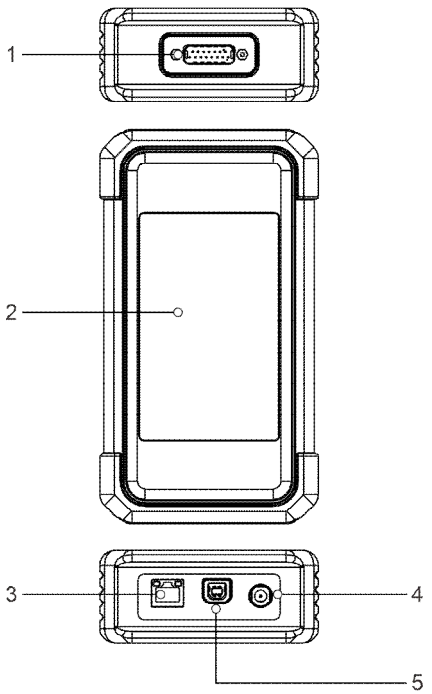
2). When as a SmartLink C (Customer) dongle, it does not communicate with the san tool, but it needs to work together with the **SmartLink Super Remote Diagnosis** module of the san tool. The san tool is mainly used to issue remote diagnostic requests, and the SmartLink C dongle is networked to receive and execute commands from the remote SmartLink B (Business).

Note: For detailed operations, please refer to Chapter 4.3.1.

3). When as a local J2534 PassThru device, it can be used with the PC

installed OEM diagnostic software.

Note: For detailed operations, please refer to Chapter 11.



1. **DB-15 Diagnostic Connector**

Connect it to the DLC port of the vehicle via the diagnostic cable.

2. **Touch Screen**

3. **LAN/WAN Port**

Connect it to the modem via the crossover cable. It only applies to the SmartLink Super Remote Diagnosis.

4. **DC-IN Power Jack**

It can obtain power via connecting the diagnostic cable to the DLC port of the vehicle or connecting to an external power supply.

Warning: The SmartLink C device obtains power through the vehicle's DLC via the diagnostic cable. Do NOT connect the DC-IN port to an external power supply if the SmartLink C device can be powered up normally. No responsibility can be assumed for any damage or loss caused as a result of not strictly following the warning.

If the pin of the DLC is damaged or the DLC has insufficient power, connect the DC-IN port to an external power supply.

5. **Data I/O Port**

- Connect it to the san tool to perform vehicle diagnosis.
- Connect it to the PC to perform J2534 reprogramming when as a J2534 PassThru device.

1.3 Technical Parameters

Scan Tool

Operating system: Android

RAM: 4GB

Storage: 64GB

Display: 10.1 inch capacitive touch screen with a resolution of 1280 x 800 pixels

Connectivity:

- Wi-Fi: 802.11a/b/g/n/ac
- USB ports: Type-A x 1 + Type-C x 1

Camera: Rear-facing 8.0MP camera

Working temperature: 0℃ ~ 50℃

Note: The working temperature refers to the temperature at which the scan tool works normally in non-charging status.

Storage temperature: -20℃ ~ 70℃

SmartLink C Device

Working voltage: DC 9~36V

Power consumption: ≤ 6W

Communication: Wireless/Wired

Working temperature: 0℃~50℃

2 Getting Started

2.1 Charging & Powering On

1. Use the included power adaptor to charge the scan tool.
2. After charging is complete, press the POWER button to turn the scan tool 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. Charge the tool for 5 minutes and then turn it on.

Warning: Only use the included power adaptor to charge your tool. LAUNCH assumes no responsibility for damage or loss resulting from using other similar adaptors other than the specified one.

To turn off the tool, press and hold the POWER button until an option menu appears. Tap **Power Off**.

2.2 Screen Layout

There are five on-screen buttons available on the bottom of the screen.

Home: Navigates to the home screen.

Recent App: Views the currently running or recently used applications.

VCI Connection: Shows whether the VCI device is properly connected or not.

Screenshot: Captures the current screen.

Back: Returns to the previous screen.

2.3 Language Setting

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.

2.4 Network Setup

The built-in Wi-Fi module in the tool makes network connection easier. Once you're online, you can register your tool, surf the Internet, send email, launch the remote diagnosis, and check for software updates, etc.

1. On the home screen, tap **Settings -> Network & Internet -> Wi-Fi**.
2. Slide the Wi-Fi switch to ON, the scan tool starts searching for available wireless networks.
3. Select a wireless network,
   - If the chosen network is open, the scan tool 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.

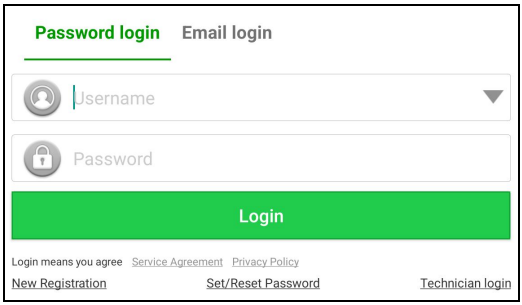
Note: When Wi-Fi is not required, this should be disabled to conserve battery power.

2.5 Registration & Update

For new users, register first before you get started.

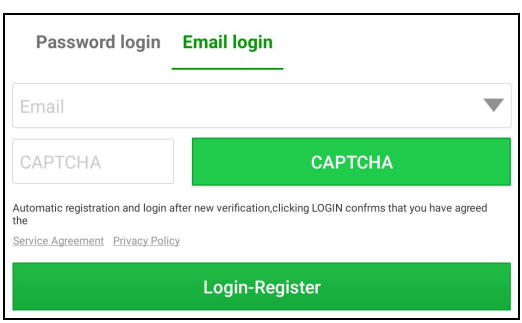
Follow the steps below to proceed registration and update:

Tap the application icon on the home screen to open it, and then tap **Login** on the upper right corner of the screen. The following popup will appear.



There are two methods available to login: *Password login* and *Email login*.

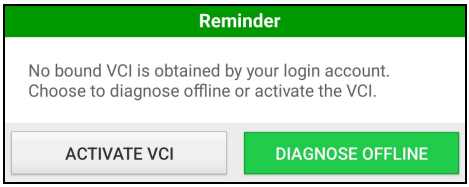
1. If you have not registered any authorized account of LAUNCH scan tool, please use *Email login*. Tap **New Registration**, the following screen will appear.



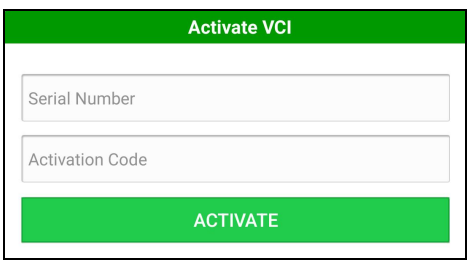
Input the Email address, tap **CAPTCHA** and enter the received verification code. Tap **Login-Register** to continue.

a). If no scan tools are bound to this Email before, follow the steps below to proceed:

1). After the following popup appears, tap **ACTIVATE VCI** to go to the next step.



2). Input the 12-digit Product Serial Number and 8-digit Activation Code (can be obtained from the password envelope), and then tap **ACTIVATE**.



3). After the VCI device is successfully activated, the system automatically enters the update center. Tap **Update** to update all available software.

Note: All software is updated periodically. It is recommended to check regularly for updates and install the latest software for the best service, functions and experience.

b). If there are scan tools bound to this Email, it will enter the job menu screen directly. In this case,

1). Tap the button on the upper right corner to enter *User Info*.

2). Tap *Activate VCI*. Input the Product Serial Number and Activation Code, and then tap **Activate**.

3). Go to *Software Update* to update all available software.

Note: Before use, please make sure that you have chosen the correct VCI device by tapping **User Info -> VCI.**

2. If you have an authorized account of LAUNCH scan tool, please use *Password login*. Input the username and password (If you forgot the password, tap **Set/Reset Password** to set a new one), and tap **Login** to login the diagnostic system.

2.6 Job Menu

It mainly includes the following function modules:

Note: All information, illustrations, and specifications in this manual are based on the latest information available at the time of publication. Due to continuing improvements, LAUNCH reserves the right to make changes to the diagnostic app at any time without prior notice.

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.
New Energy Diagnose	To diagnose the electronic control systems and battery pack of new-energy vehicles manually.
Remote Diagnose	There are two remote diagnosis platforms available: SmartLink Super Remote Diagnosis solution and X431 Remote Diagnosis.
Special Function	It offers coding, reset, relearn and more service functions, to help vehicles get back to functional status after repair or replacement.
Toolbox	Additional add-on tools include TPMS, ADAS, Oscilloscope, Sensor simulator, Videoscope, BST360 Battery Tester, Multimeter, Current clamp, Insulation Tester, Immobilizer programmer, Key programmer and more.
Software Update	To update vehicle diagnostic software and APK.
X-431 Diagnosis Kit	Include vehicle coverage, CANBUS pin detection, CANScope, and Fix connector firmware, etc.
Feedback	To feed back the recent 20 diagnostic logs to us for

	issue analysis.
Mall	Subscribe some extra software or service functions that are not included in the diagnostic tool online.
LAUNCH Academy	Include abundant repair case, operation skills and training videos for quick reference.
Repair Info	Include product information, and tool information etc.
User Info	Manage VCI, diagnostic reports & recorded data, password, order and logout / login etc.
Other Modules	Include app Settings, Know Your Customer, About and License list.

3 Connections & Communication Setup

3.1 Connections

1. Make sure that the vehicle battery voltage range is 9-14V (for passenger cars) or 18-30V (for commercial vehicles) and the vehicle ignition is turned off.
2. Find the vehicle's DLC location.

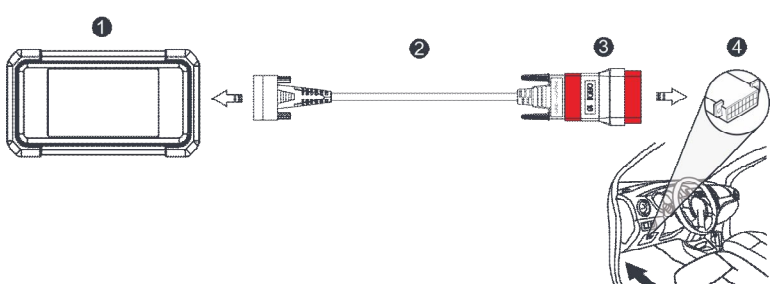
   For passenger cars, the DLC is usually located 12 inches from the center of the instrument panel, under or around the driver's side for most vehicles. For some vehicles with special designs, the DLC location may vary.

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

   For commercial vehicles, the DLC is always located in driver's cab.
3. Refer to the following illustrations to make connection.

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

   For OBD II vehicles, use the included diagnostic cable (DB15F to HD15F data cable and HD15M to OBD16 adaptor) to connect the VCI to the vehicle's DLC port.



1. VCI
2. DB15F to HD15F data cable
3. HD15M to OBD16 adaptor
4. Vehicle's DLC port

For non-OBDII vehicles, refer to the above figure to make connection.

1) Select the appropriate adaptor according to the vehicle's DLC port type (❹).
2) Loosen the captive screws of the DB15F to HD15F data cable (❷) and disconnect the HD15M to OBD16 adaptor (❸) from the data cable.
3) Connect the data cable (❷) with the target adaptor (sold separately) on the above figure and tighten the screws. Other steps shall also apply.

If you choose to perform vehicle diagnosis via data cable, connect one end of the data cable into the VCI, and the other end into the data I/O port of the tool.

4. Turn the vehicle' ignition ON with engine OFF.

5. Now the tool is ready for diagnostics.

3.2 Communication Setup

There are two kinds of ways available for the san tool to communicate with the VCI device: wireless and wired (USB).

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

The USB connection is a simple & quick way to establish communication between the san tool and the VCI. After properly connecting the data cable from the san tool to the VCI, the VCI navigation button at the bottom of the screen will be enabled indicating the USB connection is successful.

Note: The USB connection provides the most stable and fastest communication. When all communication methods are applied at the same time, the san tool will use the wired communication as the default priority.

4 Vehicle Diagnosis

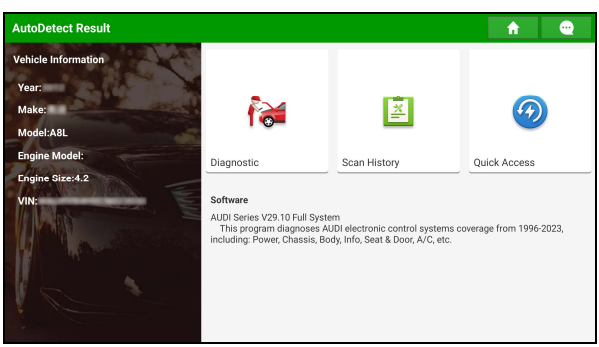
4.1 Intelligent Diagnose

This function enables you to obtain vehicle data from the cloud server to perform quick test via decoding VIN, to avoid various defects resulting from step-by-step menu selection.

Note: Before using this function, please make sure the VCI is properly connected to the vehicle's DLC. For detailed connection, see Chapter 3.1.

1. Tap **Intelligent Diagnose** on the Job menu screen to start pairing with the VCI.
2. After pairing is complete, the scan tool starts reading the vehicle VIN.

A. If the VIN is successfully decoded, the following screen will appear:



- Tap **Diagnostic** to start a new diagnostic session.
- Tap **Scan History** to view its historical repair records. If there are records available, they will be listed on the screen in sequence of date.
- To perform other functions, tap **Quick access** to go directly to the function selection screen.

Notes:

- Please note that not all vehicles support this function due to settings imposed by auto manufacturers.

- A highly stable network connection is recommended for successful VIN access.

B. If the scan tool failed to access the VIN information, it will automatically enter the local diagnose mode.

4.2 Local Diagnose

If the scan tool cannot analyze the VIN information, you can also perform Local (Manual) Diagnose.

This function may include the following options:

*Automotive: Diagnose the available systems of the non-electric passenger vehicles.

*HD: Diagnose the available systems of the non-electric heavy-duty (commercial) vehicles.

*Motorcycle: Diagnose the available systems of the motorcycles.

*IMMO: Perform various immobilizer-related functions.

*Note: By default this scan tool does not support these functions. To support these functions, you need to subscribe to the corresponding Software Package from the Mall module.

EV: Diagnose the available systems of the electric vehicles. Refer to Chapter 4.3.1 for details.

Battery Pack: Detect the battery pack of the electric vehicles.

4.3 New Energy Diagnose

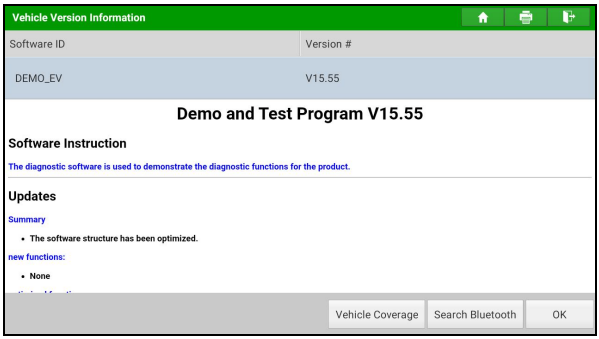
This function only applies to the new energy vehicles. Vehicle diagnosis, battery pack detection and some service functions are available.

4.3.1 EV Diagnose

This function is specially designed to manually diagnose electronic control systems of single new energy vehicle.

Take DEMO (Version 15.55) as an example to demonstrate how to diagnose a vehicle.

1. Tap the **DEMO** to go to Step 2.



On-screen Buttons:

Vehicle Coverage: Tap to view the vehicle models that the current diagnostic software covers.

Search Bluetooth: Tap to search for the available VCI. After the VCI is successfully activated, it will be bound to the user account and paired with the scan tool automatically.

Note: No Bluetooth connection is required for DEMO program.

OK: Tap to go to next step.

The diagnostics toolbar, located at the top of the diagnostic screen, contains buttons that enable different procedures throughout the diagnostic session. Below is a brief description of the functions of the diagnostics toolbar buttons:

Home: Returns to Job menu screen.

Print: Prints the current screen or report.

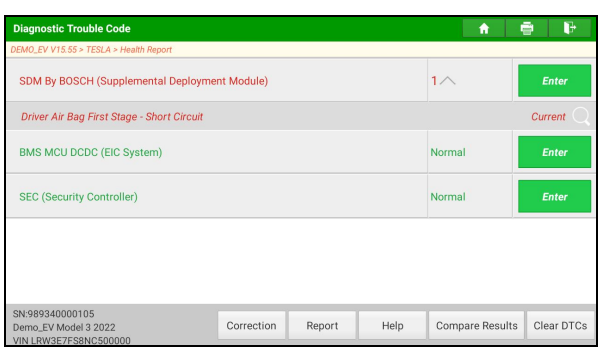
Exit: Exits the diagnostic application.

2. Tap **OK** to enter the test item selection screen.

3. Select the desired test item to proceed.

   1) Health Report: Automatically scans all vehicle systems and generate a health report.

Note: Diagnostic Trouble Codes or Fault Codes can be used to identify which engine systems or components are malfunctioning. Never replace a part based only on the DTC definition. Retrieving and using DTCs for troubleshooting vehicle operation is only one part of an overall diagnostic strategy. Follow testing procedures (in vehicle's service manual), instructions and flowcharts to confirm the locations of the problem.



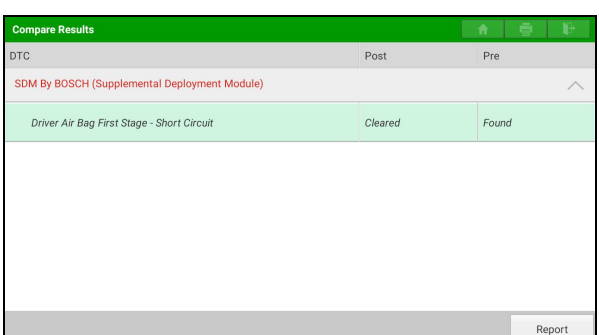
On-screen Buttons:

- **Enter**: Tap it to enter the diagnostic function selection screen of the current test system.

- **Correction**: Tap to change the definition of the original diagnostic trouble code.
- **Report**: Tap to save the current data in text format. All reports are saved in **User Info -> My Report -> Health Reports**.

  Notes:

  1. Diagnostic report is classified into two categories: Pre-Repair report and Post-Repair report. To facilitate the comparison of the pre-repair and post-repair reports and get accurate test result, please make sure you saved the right type of the diagnostic report.
  2. By default, the workshop information is blank. You can configure and revise it from Settings -> Shop Information. After you configured the information, it will be automatically generated every time the diagnostic report is saved. All vehicle and workshop information will be appended as a tag on the diagnostic report.
- **Help**: Tap to view the help information.
- **Compare Results**: Tap to select the pre-repair report to compare. By comparison of the pre- and post- repair reports, you can easily identify which DTCs are cleared and which remain unfixed.



Note: Before performing this function, please make sure that: 1) You have saved a pre-repair report of the currently tested vehicle; and 2) You have already made some repairs and service and cleared the DTCs after the pre-repair reported is generated. Otherwise, no differences exist between the pre- and post- repair

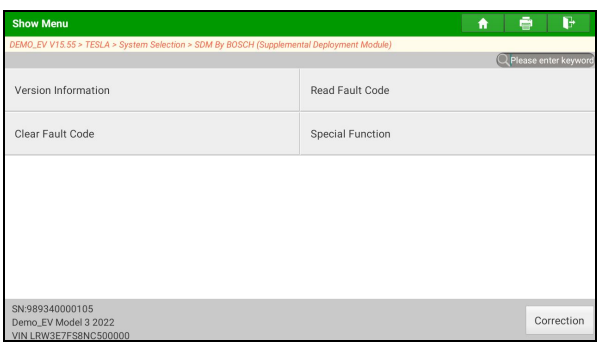
reports.

- **Clear DTCs**: Tap to clear the existing diagnostic trouble codes.

  Note: Clearing DTCs does not fix the problem(s) that caused the code(s) If proper repairs to correct the problem that caused the code(s) are not made, the code(s) will appear again and the check engine light will illuminate as soon as the problem that cause the DTC to set manifests itself.

2) System Scan: Scans which systems are installed on the vehicle.

3) System Selection: Selects the desired test vehicle system manually by onscreen menu-driven commands.



In general, the diagnostic functions vary with different vehicle models. It mainly includes the following options:

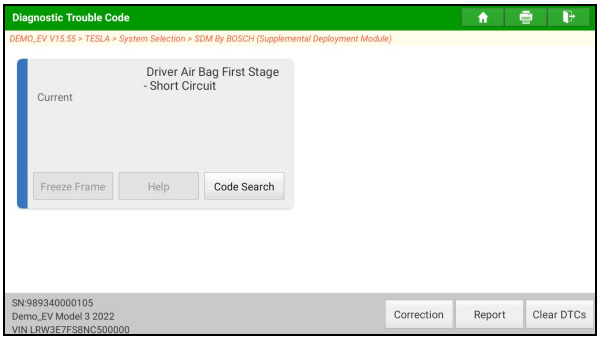
A. Version Information

This function can read the version information of system mode, vehicle VIN, software and ECU.

B. Read Fault Code

This function can read the detailed information of DTC in the ECU memory, quickly identifying the cause of the vehicle breakdown.

Tap **Read Fault Code**, the screen will display the diagnostic results.



On-screen Buttons:

Freeze Frame: Views the snapshot of critical parameter values at the time the DTC is set.

Code Search: Retrieves more information about the current DTC online.

C. Clear Fault Code

This function enables you to erase the codes from the vehicle after reading the retrieved codes from the vehicle and certain repairs have been carried out. Before the operation, make sure the vehicle's ignition key is in the ON position with the engine off.

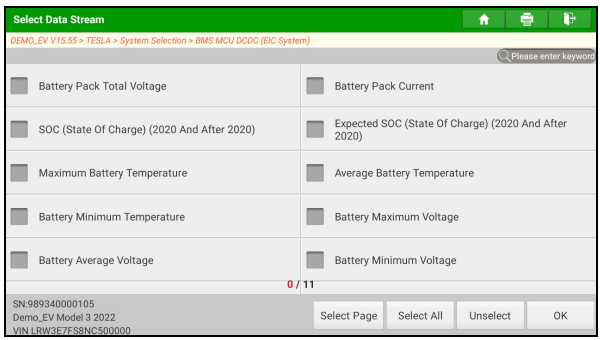
Note: After clearing, you should retrieve trouble codes once more or turn ignition on and retrieve codes again. If there are still some trouble codes in the system, please troubleshoot the code using a factory diagnosis guide, then clear the code and recheck.

D. Read Data Stream

This function retrieves and displays live data from the vehicle's ECU. This data including current operating status for parameters and/or sensor information can provide insight on overall vehicle performance. It can also be used to guide vehicle repair.

Caution: If you must drive the vehicle to perform a troubleshooting procedure, ALWAYS have a second person assist you. Attempting to drive the vehicle and operate the scan tool at the same time is dangerous, and could cause a serious traffic accident.

Tap **Read Data Stream**, the following screen will appear.



On-screen Buttons:

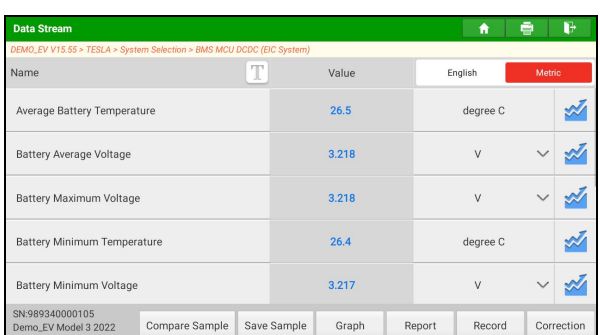
Select Page: Tap to select all items of the current page.

Select All: Tap to select all items. To select certain data stream item, just check the box before the item name.

Unselect: Tap to deselect all data stream items.

OK: Tap to confirm and jump to the next step.

After selecting the desired items, tap **OK** to enter the following page.



Notes:

1. Tap  to set different display style for each selected item.  indicates

sticky top. If it is tapped, it will change into . On the data stream display screen, the data stream item with will be shown on the top of the selected data stream list. To remove it from the top of the list, just tap it again. B indicates this item will be displayed in **Bold**. A indicates this item will be displayed in Red.

2. Tap English or Metric to switch the measurement unit.
3. If the value of the data stream item is out of the range of the standard (reference) value, the whole line will display in red. If it complies with the reference value, it displays in blue (normal mode).

The system will display the selected data streams in 3 modes, allowing you to view various types of parameters in the most suitable way.

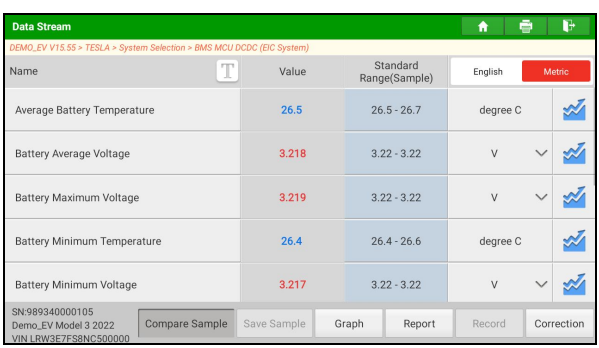
- Value (default) – Shows parameters with numbers and lists.
- Graph – Displays the parameters in wave patterns.
- Combine – The graphs can be merged for easier comparisons.

On-screen Buttons:

: Tap to view the parameters in wave patterns.

Compare Sample: Tap it to select the sample data stream file, the values you customized and saved in process of data stream sampling will be imported into the **Standard Range** column for your comparison.

Note: Before executing this function, you have to sample the values of data stream items and save it as a sample data stream file.



Save Sample: This feature allows you to personalize the standard range of live data stream items and save it as a sample file. Each time you utilize the data stream items, you can call out the corresponding sample data for comparative analysis.

Tap it to start recording the sample data (*Note: Only data stream items with measurement units will be recorded). After the recording process is complete, tap ⏺ to end the recording. The following screen will appear:

Tap the Min./Max. value to change it. After modifying all desired items, tap **Save** to save it as a Data Stream sample file. All Data Stream sample files are stored in **X-431 Diagnosis Kit -> Data Stream Sample**.

Graph: Displays parameters with wave patterns.

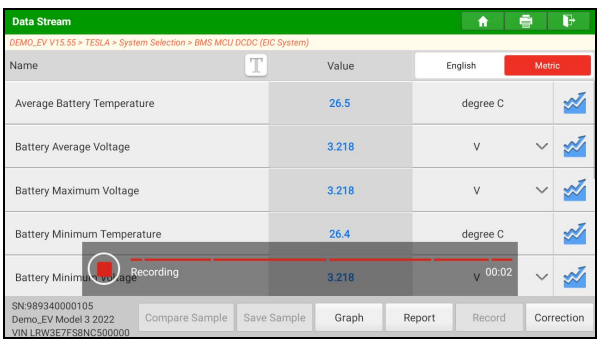
Tap **Combine** to merge graphs for easier comparisons (A maximum of 4

items can be merged simultaneously).

Tap **Value** to view the data displayed in values.

Tap < on the right side of the screen to deselect the running items/ select other items.

Record: Tap to start recording diagnostic data. Recorded live data can serve as valuable information to help troubleshooting and diagnostics.



Tap ⏹ to end the recording and save it. All diagnostic records can be accessed from **User Info -> My Report -> Recorded Data**.

E. Special Functions

This option offers coding, reset, relearn, and more service functions to help vehicles get back to functional status after repair or replacement. Available tests vary by vehicle manufacturer, year, and model.

Some special functions can also be accessed from the **Special Function** on the Job Menu.

4) Special Function: Offers coding, reset, relearn and more service functions to help vehicles get back to functional status after repair or replacement.

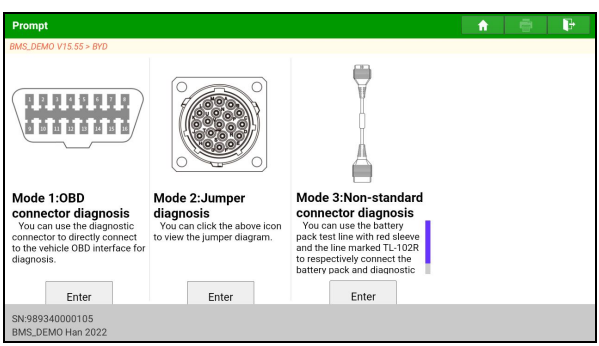
5) ADAS Calibration: Performs ADAS calibration operations. It is extracted from the system list as a functional module and provides a quick access to ADAS system.

4.3.2 Battery Pack Detection

This function can detect the battery pack of new energy vehicles. Three methods are provided for selecting the battery pack: via BMS (Battery Management System) AutoDetect program, via vehicle maker and via battery brand manufacturer.

Take BMS AutoDetect as an example to demonstrate how to detect battery pack.

1. Tap **Battey Pack Detection**.
2. Tap **BMS AutoDetect** to start detecting the battery pack model.
3. Choose the desired BMS model to enter the following screen.



4. Select the preferred detection mode to start the detection until the system outputs the test result.

Note: The available detection mode varies with the vehicle model/battery brand. Generally the following modes are provided:

Mode 1: **Via OBD diagnostic interface**

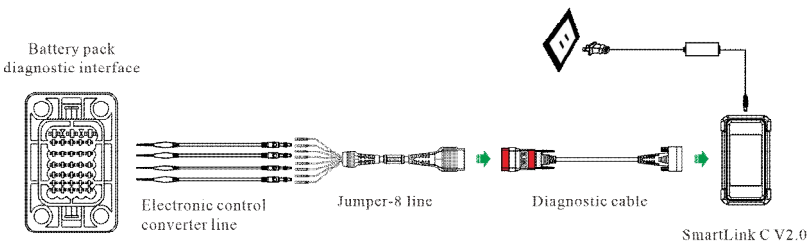
Refer to Chapter 3.1 to make connection.

Mode 2: **Via communication (diagnostic) interface of the battery pack**
Choose either of the following ways to make connection:

- **Using Jumper line & corresponding electronic control converter line**

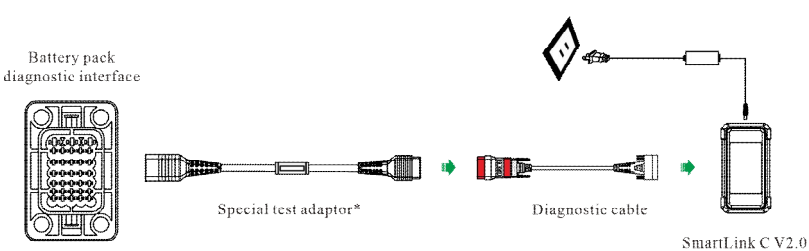
1. Connect one end of the diagnostic cable to the DB-15 diagnostic connector of the SmartLink C device, and the other end to OBD-16 connector of the Jumper-8 line.

2. Tap the icon shown on the screen to check the detailed connection prompts. Follow the onscreen instructions to connect the electronic control converter line, communication interface of battery pack and the Jumper-8 line.
3. Connect the SmartLink C device to an external power source.



- **Using Specific test adaptor**

1. Connect one end of the diagnostic cable to the DB-15 diagnostic connector of the SmartLink C device, and the other end to OBD-16 connector of the specific test adaptor.
2. Plug the other end of the specific test adaptor to the communication interface of the battery pack.
3. Connect the SmartLink C device to an external power source.



The specific test adaptor for battery pack varies with vehicle models/battery brands and the screen will prompt corresponding test adaptor model for current test.

4.4 Remote Diagnose

4.4.1 SmartLink Super Remote Diagnosis

SmartLink is a newly developed powerful service system dedicated to remote vehicle diagnosis and service. In the SmartLink ecology system, if a technician

(SmartLink C) does not have time to puzzle through a touch vehicle problem, he can seek a trusted second opinion or additional expertise on various vehicle issues from remote master technicians or repair shops (SmartLink B). SmartLink B enables the shop owner to greatly increase customer's retention and boost shop revenue by providing the professional technical assistance service.

It mainly consists of the following parts:

- **SmartLink Service Platform** – It can be accessed from the **SmartLink** module of the san tool. There are two modules available on the link service platform: **Common user** (for SmartLink C) and **Service provider** (for SmartLink B).
- **SmartLink C (Customer)** – ***SmartLink Service Subscriber***. In the SmartLink system, the SmartLink C needs to perform the following operations.

  1). Launch Service Link Platform: Binds SmartLink C dongles and submits remote repair orders.

  2). SmartLink C Dongle: Connects to the vehicle's DLC port for collecting the vehicle data and sends it to the remote SmartLink B.

  It supports remote diagnostic services for vehicles that meet CAN / CAN FD / J2534 vehicle diagnostic standards.
- **SmartLink B (Business)** – ***SmartLink Service Provider***. In the SmartLink system, the SmartLink B needs to perform the following operations.

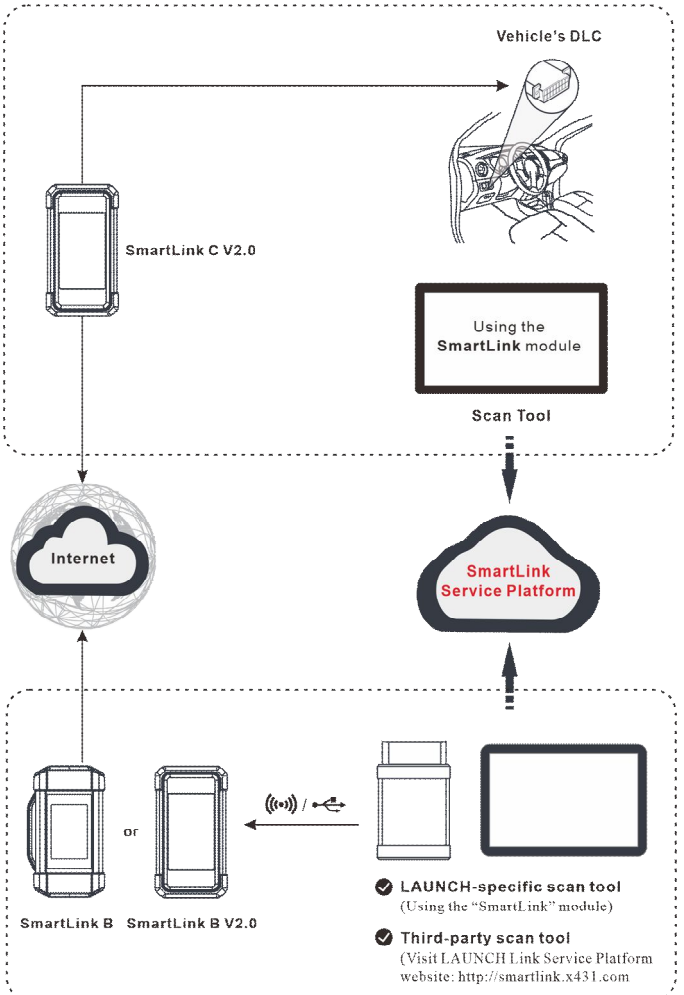
  1). Launch Service Link Platform: Binds SmartLink B dongles and accepts orders from SmartLink C.

  - If the SmartLink B dongle works with the LAUNCH-specific diagnostic tool equipped with SmartLink module, tap **SmartLink** to add the SmartLink B device and accepts orders on the diagnostic tool.
  - If the SmartLink B dongle works with the third-party diagnostic tool, open the browser and visit SmartLink Service Platform website http://smartlink.x431.com (web client) to add the SmartLink B device and accepts orders in the browser.

  2). SmartLink B Dongle: After accepting the orders, it can work with the compatible diagnostic tool to perform diagnosis of the vehicle connected to the SmartLink C dongle.

  For more detailed operations, refer to the User Manual integrated in the

SmartLink Platform.



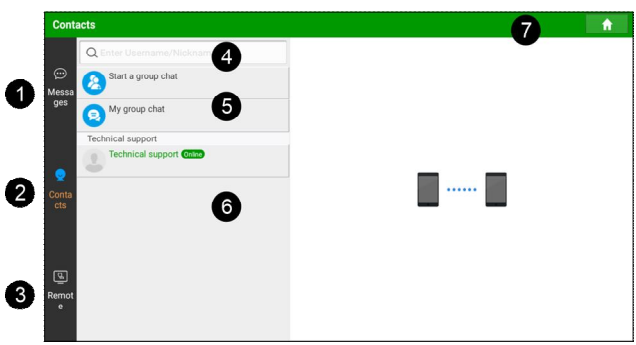
4.4.2 X431 Remote Diagnosis

This module helps repair shops or technicians launch remote diagnosis on a vehicle, improving repair efficiency and getting tough repair job fixed faster.

This remote diagnosis can be performed between:

- The scan tool and other LAUNCH-specific scan tools, which are equipped with this module.
- The scan tool and PC client technician (based on web-based remote diagnosis platform http://remote.x431.com/).

Tap **Remote Diagnose** on the Job menu, the following screen will appear.



1). Messages tab

Tap it to display a list of messages you have involved in. When a new message arrives, a red dot will appear on the upper right corner of the tab.

2). Contacts tab

Tap it to show your friend or partner list. Only the technical support is displayed by default if no friend is added.

To search for the desired partner, you can input the partner's username or the serial number of the scan tool in the search bar.

You can also start a group chat and manage your group chat.

Note: The partner must be the users who have registered their LAUNCH-specific diagnostic tools. They may be the following: workshop / technician / golo users.

3). Remote tab

This function allows you to request remote help from the PC client technician.

4). Home button

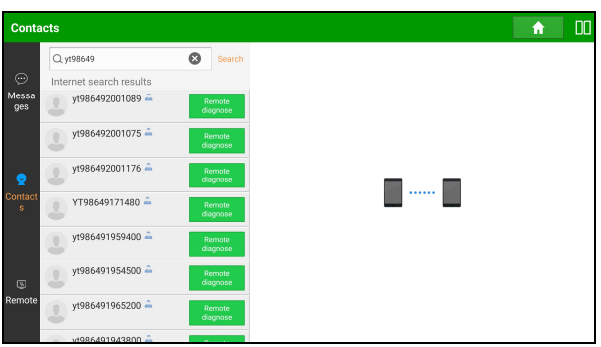
Navigate to the Job Menu screen.

4.4.2.1 Remote Diagnosis with Other Specific Scan Tools

This function allows you to initiate remote diagnosis with other LAUNCH-specific scan tools, which are equipped with this module.

■ **To launch remote diagnosis with the partner not in your friend list**

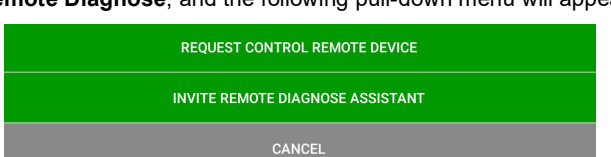
1. Tap **Contacts**. In the search bar, input the partner's username or serial number of the scan tool, and tap **Search**.
2. When searching is finished, the following screen will appear:



3. In this screen, you can directly tap **Remote Diagnose** on the right of the username to launch remote diagnosis or tap the technician's avatar to proceed.

When you directly tap **Remote Diagnose**, follow the steps below:

1) Tap **Remote Diagnose**, and the following pull-down menu will appear:

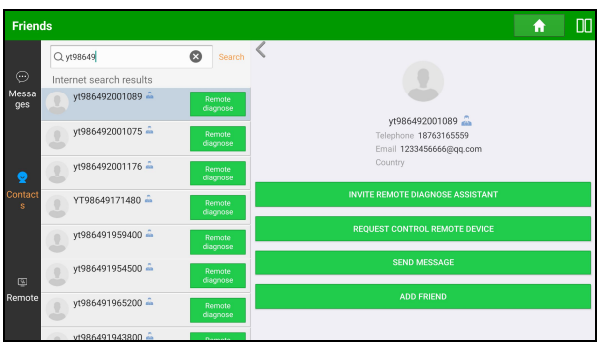


2) Tap **REQUEST CONTROL REMOTE DEVICE** or **INVITE REMOTE DIAGNOSE ASSISTANT**.

3) Choose the desired diagnostic software (this step only applies to the **INVITE REMOTE DIAGNOSE ASSISTANT**).
4) Wait for the partner's confirmation.
5) Start connection after the request is accepted.
6) Start diagnosis and generate remote diagnostic report.

When you tap the technician's avatar, follow the steps below:

1) Tap the desired technician's avatar, the following screen will appear:



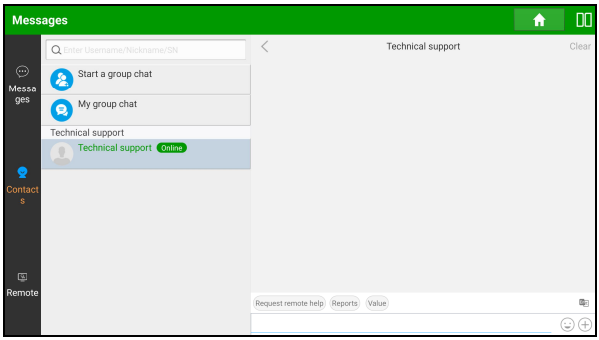
2) Tap **REQUEST CONTROL REMOTE DEVICE** or **INVITE REMOTE DIAGNOSE ASSISTANT** to request remote help/provide remote help.

You can tap **ADD FRIEND** to send your request. After the partner accepted the request, a beep will sound and the partner will automatically be listed in the **Contacts** tab.

If necessary, you can also tap **SEND MESSAGE** to launch instant messaging.

■ **To launch remote diagnosis with the partner in your friend list**

Tap **Contacts**, select a desired partner, and the following screen will appear:



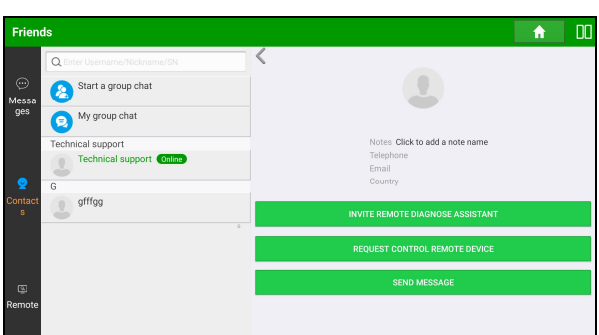
Tap the input field and use the on-screen keyboard to send message.

Tap to send voice messages. Tap to send emoj.

Tap to call out the following function options:

- File: Select diagnostic reports or local files to be sent.
- Picture: Select screenshots or pictures to be sent.
- Remote Diagnose: Start a remote diagnosis session.
- Camera: Enable camera to take pictures.

You can also tap the avatar of the desired partner to request control remote device, invite remote diagnose assistant, or send message.

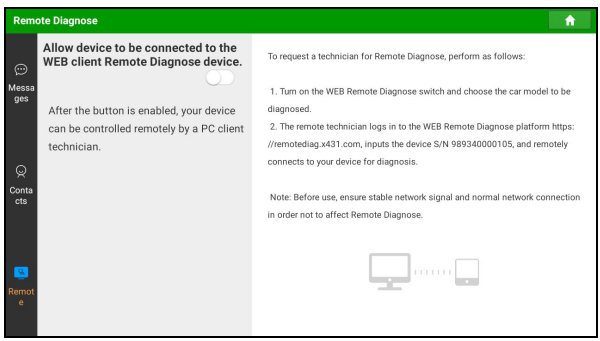


4.4.2.2 Remote Diagnosis with PC Client Technician

This function allows you to ask for remote control or provide remote assistant on

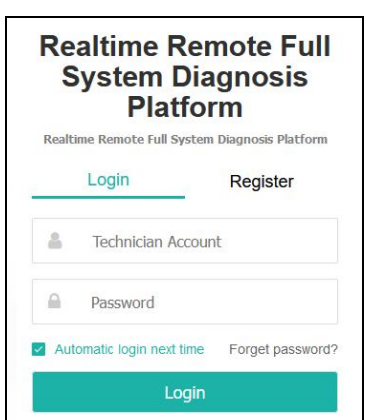
web-based remote diagnosis platform.

1. Tap **Remote**, the following screen will appear:



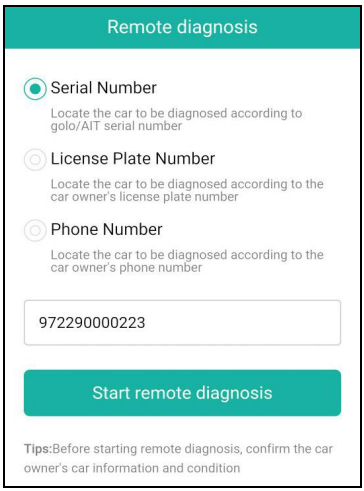
2. Slide the switch to ON so that the remote technician can control your device using the web-based remote diagnosis platform.
3. Notify the remote technician to login the remote diagnosis platform http://remote.x431.com.

   Note: Before processing remote diagnosis, ensure that the device is properly connected to the vehicle and the network connection is stable.



4. After the technician successfully logins the platform, the following screen will

appear.



5. The technician can input the serial number of your device and start remote diagnosis. Now your device is remotely controlled by the remote technician.

   In the process of remote diagnosis, note the followings:

   1) You are not suggested to execute any actions.

   2) The partner is not allowed to save any diagnostic reports or records on your tool.

Once the session is complete, a remote diagnostic report will be automatically generated.

4.5 Feedback

This function enables you to send the feedback of your diagnostic problems to LAUNCH for further analysis and troubleshooting.

There are 3 options available:

1. Feedback: To send tested vehicle diagnostic feedback.
2. History: To view all diagnostic feedback records.
3. Offline list: To view all diagnostic logs that fail to be submitted, which will be

uploaded again to the remote server automatically once the scan tool gets the stable network.

5 Special Function

It offers coding, reset, relearn and more service functions, to help vehicles get back to functional status after repair or replacement. Available tests vary with vehicle manufacturer, year, and model.

Due to continuing improvements, the available service functions are subject to change at any time. To enjoy more service functions, check for updates on a regular basis.

There are two methods to perform reset operations: Manual Reset or Auto Reset. Auto Reset follows the principle of sending command from the tool to vehicle's ECU to do resetting. While using Manual Reset, follow the on- screen instructions to select appropriate execution options, enter correct data or values, and perform necessary actions, the system will guide you through the complete performance for various service operations.

6 Software Update

This module enables you to update the diagnostic software & App and frequently used software.

6.1 Update Diagnostic Software & APP

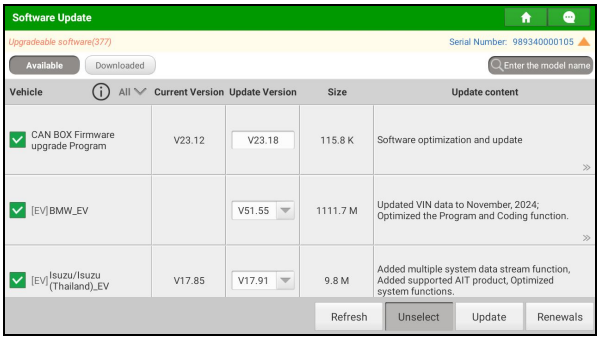
Go to **Software Update** on the Job Menu and tap the **Downloaded** tab.

The **Available** tab displays a list of software that can be updated. Under it, all software is categorized into three kinds:

- **Common software**: mainly includes some common apps that are associated with the diagnostic app. The software of this kind always stays at the top of the list, which can be deselected manually (excluding the system app, such as firmware and ECU aid).
- **Frequently used vehicle software**: refers to the diagnostic software that is frequently used, including the vehicle diagnostic software and Reset software. It is generally displayed following the **Common software** list.
- **Other vehicle software**: refers to the diagnostic software that is rarely used or never used. It is generally displayed following the **Frequently used software** list.

1). If the user does not download any diagnostic software during the sign-up process, all diagnostic software is selected by default. Tap **Update** to start downloading.

2). If the user downloaded all/some vehicle software during the sign-up process and had it serviced for a long period of time, only the frequently used software is selected. Tap **Update** to start downloading. Other vehicle software that is rarely used will also be listed under the **Available** tab, but it is not selected by default.



To download certain software that is not frequently used, check the box before the vehicle model. Tap **Update** to start downloading.

Once download is finished, the software packages will be installed automatically.

6.2 Update Frequently Used Software

If the user only intends to update the frequently used software, go to Software Update and tap the **Downloaded** tab.

Tap **Update** to start downloading. Once download is finished, the software packages will be installed automatically.

6.3 Renew Subscription

If the software subscription is due or expires, the system will prompt you to renew your subscription.

Tap **Renewals** to open the Mall, and the follow the on-screen prompts to finish the subscription.

7 Toolbox

7.1 TPMS

This module allows you to configure the scan tool as TPMS activation & diagnostic tool, which provides the ability to trigger TPMS sensor, program TPMS sensor, perform the relearning procedure. It needs to work with the compatible TSGUN device (sold separately).

For more details, please refer to the User Manual included with the module.

7.2 ADAS (Calibration)

This module enables you to effectively and accurately calibrate a wide range of camera-based & radar-based driver assistance systems, e.g. the front camera for the lane departure warning system, the radar sensor for the ACC (Adaptive Cruise Control) or the camera for adaptive headlights. It needs to work with the specific ADAS calibration tool (sold separately).

For more details, please refer to the User Manual included with the module.

7.3 Oscilloscope

This module can make the auto repair technician quickly judge the faults on automotive electronic equipment and wiring. It needs to work with the specific Scopebox (sold separately).

For more details, please refer to the User Manual included with the module.

7.4 Sensor Simulator

This module is specially designed to diagnose and simulator vehicle sensor faults quickly and conveniently. It needs to work with the compatible S2-2 Sensorbox (sold separately).

For more details, please refer to the User Manual included with the module.

7.5 Videoscope

This module allows you to check those unseen parts of engine, fuel tank, and braking system etc. It needs to work with the compatible Videoscope (sold

separately).

7.6 BST360 (Battery Tester)

This module allows you to fix battery detection faster and easier. It needs to work with the specific Bluetooth battery tester (sold separately).

For more details, please refer to the User Manual included with the module.

7.7 Multimeter

This module allows you to measure the physical parameters such as voltage, resistance, frequency etc. It utilizes the same hardware as the EM101N.

For more details, please refer to the User Manual included with the EM101N.

7.8 Current Clamp

This module allows you to perform AC/DC current test and DC voltage test for traditional fuel cars and new energy vehicles. It needs to work with the compatible current clamp (sold separately).

For more details, please refer to the User Manual included with the module.

7.9 Insulation Tester

The module enables you to complete the measurement of insulation resistance, voltage and other parameters. It is suitable for users who measure and overhaul on-site power equipment and power supply lines.

For more details, please refer to the User Manual included with the module.

7.10 Immobilizer Programmer

This module allows you to perform the read-write function for vehicle keys, EEPROM, MCU, and EEPROM/FLASH of vehicle engine and gearbox ECU. It needs to work with the specific immobilizer programmer (sold separately).

For more details, please refer to the User Manual included with the module.

7.11 Key Programmer

The module can identify car key chips and generate various types of chip

models from super remotes, read the remote-control frequency of car keys, and generate remote control devices for different car models from various types of super remotes. It needs to work with the compatible key programmer (sold separately).

For more details, please refer to the User Manual included with the module.

7.12 Tire Tread Examiner

The function can accurately and quickly detect the vehicle tire tread and analyze tire wear. It needs to work with the compatible tire tread depth examiner (sold separately).

For more details, please refer to the User Manual included with the module.

8 Diagnosis Kit

8.1 Vehicle Coverage

This option allows you to check which vehicle models are supported on the tool.

8.2 CAN Bus Pin Detection

This function allows you to detect the voltage of the vehicle OBD II diagnostic socket pins and the supported protocol types to help technicians judge the OBD II diagnostic interface.

8.3 HD CAN Bus Test

This function allows you to detect the voltages of the vehicle 9-pin diagnostic connector and the supported protocol types to help technicians in diagnosing the CAN BUS issues.

8.4 CANScope

This item can monitor vehicle CANBUS data and make it visual on the screen. Moreover it can also check the problems existed in the CAN data, assisting you to analyze fault causes.

8.5 Diagnostic Software Clear

This option allows you to hide/clear the diagnostic software that is not frequently used.

Note: Removing software may completely delete the software from the scan tool. If some software is not used and the scan tool runs out of space, you can use this feature to remove it. To re-download it, go to **Software Update** -> **Available**.

8.6 Fix Connector Firmware

This option allows you to upgrade and fix VCI firmware. During fixing, please do not cut power or switch to other interfaces.

8.7 Data Stream Sample

This option allows you to manage the recorded data stream sample files.

8.8 DLC Voltage Check

This option allows you to perform a check of the vehicle's battery to ensure the system is operating within acceptable limits.

8.9 Flash Data Management

This item allows you to upload flash data onto the cloud server, and share your flash files with friends.

8.10 Reset MSVIN

This option can decode the VIN information of all ECUs installed on test vehicle and output all inconsistent VINs.

8.11 Diagnostic History

This option offers convenient access to previously tested vehicle records, allowing users to resume from the last operation without needing to start anew.

8.12 Vehicle QR

This function can work as a vehicle QR code scanner and can be applied only in the Japan area. After scanning the vehicle QR code with this function, you will be able to access product information, videos, and reviews about the car.

9 User Info

This function allows you to manage personal information and VCI.

9.1 My Report

This option is used to view, delete or share the saved reports or recorded data.

Tap **My Report**, there are total 3 options available.

1. If the DTC result is saved on Read Trouble Code page, the files will be listed under **Health Reports** tab.
2. **Remote Reports** lists all diagnostic reports generated in process of remote diagnosis.
3. If user records the running parameters while reading data stream, the scan tool will save the file under **Recorded Data** tab.

9.2 VCI

This function allows you to manage all your activated VCI devices.

If several VCI devices are activated on this tool, a list of VCIs will be displayed on the screen. Once you choose the VCI that belongs to other account, you have to log out, and then input the right account to continue.

9.3 Activate VCI

This function enables you to activate a new VCI in the event you missed the Activate VCI step during the product registration process.

9.4 Profile

This function allows you to view and configure personal information.

9.5 My Order

This function allows you to check the status of all your orders.

9.6 Change Password

This function allows you to modify your login password.

9.7 Software Status

This function allows you to check the expiration date of the subscribed software configuration.

9.8 Renault SGW

This item is used to add connection card and usage history for Renault SGW.

9.9 VCI Management

This function is used for the scan tool to deactivate pairing up with the VCI device.

9.10 Login/Log out

To logout the current user ID, tap **Log Out**.

To login the system again, tap **Login**.

10 Other Modules

10.1 Settings

This function enables you make some settings of diagnostic app.

10.1.1 Units

This function enables you to set the measurement unit. Metric System and English System are available.

10.1.2 Shop Information

This function enables you to define your shop information. After you saved the shop information, it will be automatically filled in the Add Information box every time you save a diagnostic report.

10.1.3 Printer Set

This option is designed to establish a wireless connection between the tool and the Wi-Fi printer (sold separately) while performing printing operations.

The App is compatible with the LAUNCH Wi-Fi Printer (sold separately) and System (external printer).

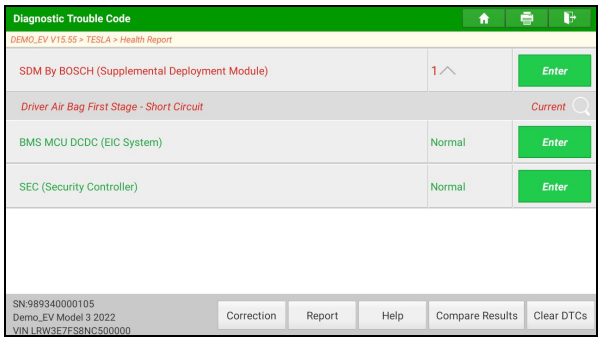
For LAUNCH Wi-Fi printer, refer to the user manual included with the printer to configure it.

For other Wi-Fi printers:

Before printing, make sure that the Wi-Fi printer is powered on and working normally.

Follow the steps below to proceed:

1. Set the default printer as **System**.
2. Set the WLAN switch to On.
3. Tap the desired Wi-Fi printer hotspot to connect.
4. On the report details page, tap  .



5. Touch ▼ next to **Select a printer** to select the desired Wi-Fi printer from the list. If the chosen Wi-Fi printer hotspot is enabled, the tool can connect to it directly. If it is encrypted, a password may be required. See the Wi-Fi printer user manual for the default password.
6. Now the printer is ready for printing.
7. Alternatively, you can also choose ***Save as PDF*** to save the current diagnostic report as a PDF file for later printing.

10.1.4 Home Display Order

This function enables you to customize display order of the function modules on the home menu screen.

10.1.5 Clear Cache

This function enables you to clear the app cache.

Clearing cache will result in the app restarting.

10.1.6 Diagnostic Software Auto Update

This function is used to set whether automatic update function is ON.

10.1.7 Device Account Management

This function manages sub-accounts, enabling the use of the tool by different users and facilitating the tracking of diagnostic logs from various technicians.

Newly added sub-accounts have a one-year validity period. After expiration, they

lose the rights and privileges of the main account. However, the main account can modify the validity period of the sub-account.

There are two types of sub-accounts: existing accounts and newly created ones. The main account has the ability to add and remove sub-accounts, while sub-accounts can also be unbound from the main account.

Tap **Device account management**. Tap **Add technician account**,

- If you already have an account, please enter the user name and password. After inputting, tap **Add Immediately** to add it as a sub-account.
- If you have not registered any account, tap **new technician account** to create a sub-account.

After adding the sub-account, user can tap **Remove** to unbind it from the main account or tap **Change** to revise the validity period.

10.2 Know Your Customer

This function is mainly used to assist merchants in conducting business opportunity analysis, customer management, and diagnostic statistics.

10.3 About

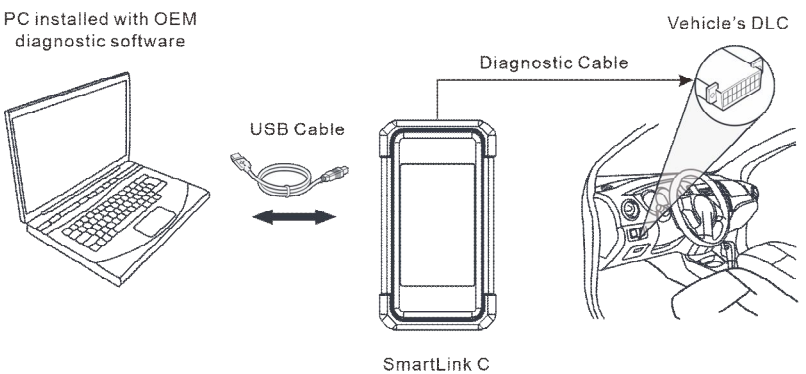
This function enables you to check software version, product manual, FAQ, service agreement, and privacy policy etc.

10.4 License List

This function enables you to activate the SWG function and verify the SWG user authentication on your diagnostic tool.

11 J2534 Reprogramming

Except that the SmartLink C device can act as a VCI device and a SmartLink dongle, it also can be used as a J2534 PassThru device, working together with the PC installed with the OEM diagnostic software to perform the J2534 reprogramming. In this case, the PC needs to install with the LAUNCH's J2534 tool, which can be downloaded from the official website at https://en.cnlaunch.com.



12 FAQs

1. How to save power?

1. Please turn off the screen while the tool keeps idle.
2. Set a shorter standby time.
3. Decrease the brightness of the screen.
4. If Wi-Fi connection is not required, please turn it off.
5. Disable Global Positioning System (GPS) function if GPS service is not in use.

2. Communication error with vehicle ECU?

Please confirm:

1. Whether the VCI device is correctly connected.
2. Whether ignition switch is ON.
3. If all checks are normal, send vehicle year, make, model and VIN number to us using Feedback feature.

3. Failed to enter into vehicle ECU system?

Please confirm:

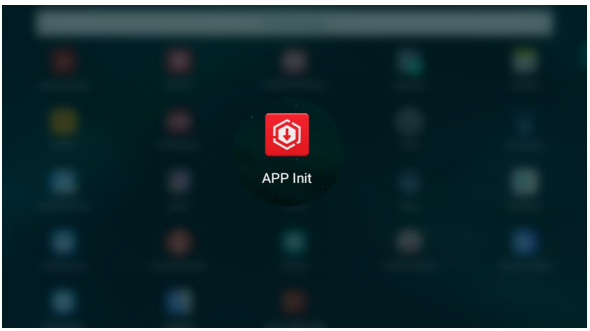
1. Whether the vehicle is equipped with this system.
2. Whether the VCI device is correctly connected.
3. Whether ignition switch is ON.
4. If all checks are normal, send vehicle year, make, model and VIN number to us using Feedback feature.

4. How to download the diagnostic App after resetting the scan tool?

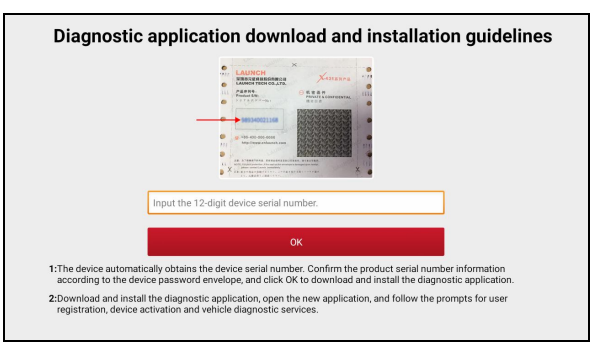
Note: Before registration, please make sure the network is properly connected.

If the scan tool has been reset to the factory settings or the diagnostic app has been uninstalled, follow the steps below to proceed:

1. On the Android's home screen, tap the mini program **APP Init** to run it.

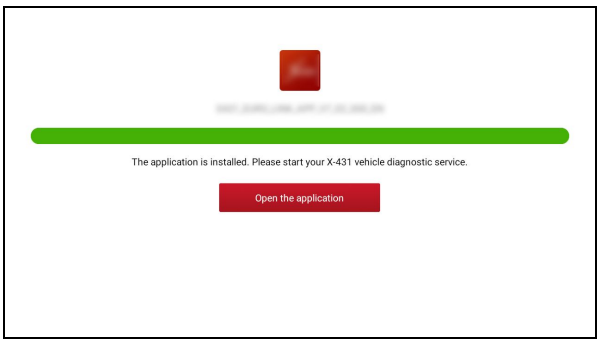


2. The program automatically obtains the Serial Number of the diagnostic tool. Carefully check the product Serial Number information against the included Password Envelope. If consistent, tap **OK** to start downloading and installing.



Note: If inconsistent, tap the displayed Serial Number to revise it.

3. After the downloading and installation is completed, the following screen will appear.



4. Tap **Open the application** to launch it and a new Diagnostic App icon will appear on the home screen.

5. What to do if the language of vehicle diagnostic software does not match the system language?

English is the default system language of the tool. After the system language is set to the preference language, please go to the update center to download the vehicle diagnostic software of the corresponding language.

If the downloaded diagnostic software is still displayed in English, it indicates that the software of the current language is under development.

6. How to retrieve the login password?

Please follow below steps to proceed in case you forgot the login password:

1. Tap the application icon on the home screen to launch it.
2. Tap **Login** on the upper right corner of the screen.
3. Tap **Set/Reset Password**.
4. Input product S/N and follow the on-screen prompts to retrieve the password.

7. How to backup system data?

There are two USB ports available on this tool: USB Type-A and USB Type-C. The former is reserved for external USB storage device and the latter is used with PC when performing system data backup. It is strongly recommended to use the USB Type-C interface for this operation.

A. If exchanging data with an external USB storage device,

1. Plug the USB storage device into the USB Type-A interface.
2. Swipe the screen from the top to select the USB drive.
3. Now you can exchange the data with the USB storage device.

B. If exchanging data with a PC,

1. On the home screen, tap **Settings** -> **USB Management**. Slide the USB Switch to OFF to enable the USB Type-C interface.

Note: By default, the USB Switch is set as ON. In this case, the USB Type-C interface is only for charging and disabled for data exchange.

2. Plug the Type-C end of the included data cable into the Type-C port of the tool, and the other end to the USB port of the PC.
3. After the PC successfully identifies the tool, you can perform data backup.

Warranty

This warranty is expressly limited to persons who purchase LAUNCH® products for purposes of resale or use in the ordinary course of the buyer's business.

LAUNCH® electronic product is warranted against defects in materials and workmanship for one year (12 months) from date of delivery to the user.

This warranty does not cover any part that has been abused, altered, used for a purpose other than for which it was intended, or used in a manner inconsistent with instructions regarding use. The exclusive remedy for any automotive meter found to be defective is repair or replacement, and LAUNCH shall not be liable for any consequential or incidental damages.

Final determination of defects shall be made by LAUNCH in accordance with stipulated procedures.

Order Information

Replaceable and optional parts can be ordered directly from your authorized tool supplier. Your order should include the following information:

- Quantity
- Part number
- Item description

Customer Service

If you have any questions during the operation of the unit, please contact the Seller, or contact LAUNCH TECH Service Center.

Website: https://en.cnlaunch.com

Phone: +86 755 8455 7891

Email: overseas.service@cnlaunch.com

To reduce roundabout time, you need to clearly indicate your product Serial Number when providing issue feedback.