EUCLEIA

User manual

TabScan S7W

Automobile Intelligent Dual-Mode Diagnostic System

SHENZHEN EUCLEIA TECHNOLOGIES CO.,LTD

Company Profile

Shenzhen Eucleia is one of the leading manufacturer and developer of car diagnostic devices which focuses on Chinese and overseas market. Consisting of 30 engineers and software developers, we constantly strive to design and produce advanced and easy to use devices in a compact, reliable and efficient platform. We collaborate with clients and develop products according to their requirements and consistently push the norm of technology to achieve and go beyond standards to attainindustry-leading devices. Advanced current device features includes integrated tablet information display, mobile app control and Bluetooth connectivity in a compact and portable unit design. It is our aim to continually provide products that keeps car's condition and owner's safety as our priority.

Trademarks

EUCLEIA®, TabScan®, and wiScan® are trademarks of Shenzhen Eucleia Technologies Co., Ltd. All other trademarks or trade names are property of their respective owners.

Copyright Information

Disclaimer of Warranties and Limitation of Liabilities

All information, specifications and illustrations in this user guide are based on the latest information available at the time of printing. Eucleia reserves the right to make changes at any time without any prior notice. While information of this user guide has been carefully checked for accuracy, no guarantee is given to the completeness and correctness of the contents, including but not limited to the product specifications, functions, and illustrations. Eucleia will not be liable for any direct damages or for any special, incidental, or indirect damages or for any economic consequential damages (including the loss of profits)

Note: Read the user guide completely before using the device and more importantly, the safety precaution section. Use the device accordingly to avoid any vehicular damage. Improper use of the device will void the warranty.

For Service and Support:

Website: http://www.eucleia.net

Tel: +86 755 2747 0220 (China)

Support E-mail: eucleia@eucleia.net

For any technical assistance in all other markets, please contact your local agent.

Safety Information

For your own and the safety of others, and to prevent damage to other device and vehicles upon which it is used, please read the user guide carefully.
Before using the equipment, read the safety information provided by the manufacturer of the vehicle or equipment carefully and follow the instructions in this manual to use the equipment, read, understand and comply with the manual safety information and instructions.

Safety Messages

DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury to the operator or bystanders.
WARNING: Indicates an imminently hazardous situationwhich, if not avoided, will result in death or serious injury to the operator or bystanders.

Safety Instructions

- Before starting the engine, make sure the shift lever is on Park position (P) for automatic vehicle and Neutral (N) for manual vehicle and the Parking break (or Hand break) is engaged.
- 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 carbon monoxide, an odorless, poisonous gas that causes slower reaction time and can lead to serious personal injury or loss of life.
- Do not use this device nearby any flammable places or materials such as gasoline station, chemical storage, etc. Do not use this device nearby any place or materials which may cause explosion or fire.
- Keep a fire extinguisher suitable for gasoline, chemical, and electrical fires nearby.

Safety Warnings

- Always keep the vehicle diagnosis in a secure environment, away from gasoline, water or grease items.
- Always perform automotive testing in a safe environment.
- Wear safety eye protection that meets ANSI standards.
- Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
- Put blocks in front of the drive wheels and never leave the vehicle unattended while testing.
- Be extra cautious when working around the ignition coil, distributor cap, ignition wires and spark plugs. These components create hazardous voltages when the engine is running.
- Do not connect or disconnect any test equipment while the ignition is on or the engine is running.
- Do not drive the vehicle and operate the test equipment at the same time. Any distraction may cause an accident.
- Refer to the service guide for the vehicle being serviced and adhere to all diagnostic procedures and precautions. Failure to do so may result in personal injury or damage to the test equipment.
- To avoid damaging the test equipment or generating false data, make sure the vehicle battery is fully charged and the connection to the vehicle diagnostic port is clean and secure.
- Do not place the test equipment on the distributor of the vehicle. Strong electro-magnetic interference can damage the equipment.
- This device contains small parts and accessories, keep it out of reach of children to avoid damage to the product and its accessories. Unintentional swallowing of small parts may cause choking or other hazardous condition(s) or even death to children.

Contents

Chapter 1: Product Introduction

TabScan S7W is automotive intelligent dual-mode diagnostic system. It is based on Android operating system interface with 1.3 GHz quad-core ARM Cortex-A7 processor, 2G RAM and 16G ROM in a 7-inch capacitive touch screen display. TabScan S7W is an innovative diagnostic system that combines third-party diagnostic device and original manufacturer diagnostic functions. It supports systematic diagnosis of 130 car brands within Asia, Europe and America. Diagnostic functions for popular models includes car maintenance, vehicle anti-theft matching, coding and other special services. The T6 J2534 diagnostic kit has more than 26 original diagnosis and preparation functions., working iwith the TabScan S7W achieves Dual-mode diagnosis for a more comprehensive result. TabScan S7W, supports wifi access, is a diagnostic tool for pre-sale service and after- sale service among automotive market which includes swift repair, faster insurance process, car modification and original manufacturer diagnosis and programming.

Figure 1-1 Automotive Intelligent Dual-mode Diagnostic System

TabScan S7W consists of two parts:

- TabScan S7W tablet device. Functions as central processor and operation monitor of the diagnostic system.

- wiScan J2534 T6 diagnostic kit. Used to access vehicle information. Supports original manufacturer software compatible with J2534 protocol.

Note: The diagnostic tablet is connected with the vehicle through the J2534 diagnosis kit to establish the communication and complete the diagnosis function.

1.1TabScan S7W

1.1.1 Introduction

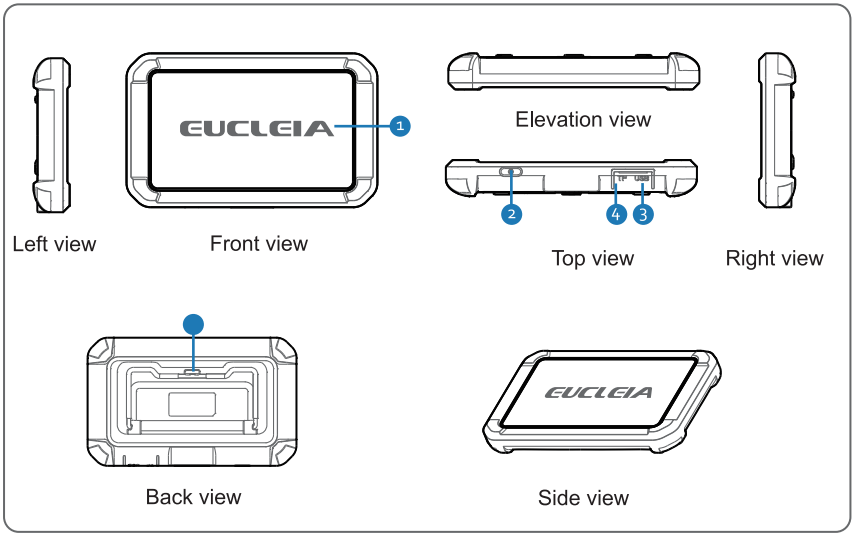


Figure 1 - 2 S7W Tablet Diagnostic Equipment

① **Screen**: 7-inch touchscreen LCD.

② **Power Key**: Long press to turn the device on/off. Short press to lock the screen.

③ **USB Port**: Charging port.

④ **Card Slot**: TF card storage slot.

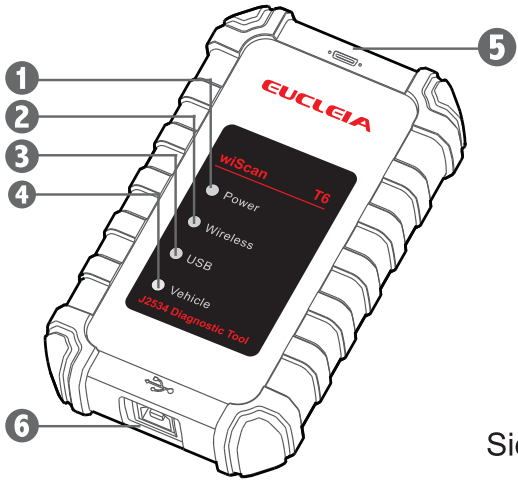
⑤ **Folding Stand**: Expand a 30-degree angle from the back of S7W tablet to hold the equipment.

1.1.2 Technical Specifications

Processor& Chipset	MTK 6582 Quad-core Cortex-A7@1.3GHz
RAM	2GB
ROM	16GB
External Storage Expansion	TF interface, external expansion Max 32 GB
Charging Method	Supports battery power and can be charged through the USB charger
Battery Capacity	7600mAh Lithium-Polymer
Display	7-inch capacitive touchscreen LCD with 1024x600presolution
Operation System	EUUI Automobile intelligent diagnosis operating system
Android Version	Android4.4.2
USB Port	1 micro USB 2.0 port
WIFI	WiFi (802.11b/g/n)
Bluetooth	Bluetooth V4.0（Bluetooth Low Energy）Receiving sensitivity: 11b:-82dBm 11g :-70dBm
Diagnostic Mode	Wireless diagnosis
Dimension	225mmX138mmx32mm
Weight	750g
Working Environment	Input Voltage：DC 7~18V Working Temperature：-20-60ºC Working humidity：10%~90% Storage Temperature：-30-85ºC Storage humidity ： <80%

1.2 About J2534 Diagnostic Box

1.2.1 Introduction



Side view

① **Power:** Red light is lit when the device is on.

② **Bluetooth:** Green light is lit when TabScan S7w and wiScan J2534 are paired successfully.

③ **USB:** Green light is lit when the wiScan J2534 is communicating with the original diagnostic software through PC or laptop.

④ **Vehicle:** Green light flashes when wiScan J2534 is communicating with the vehicle.

⑤ **Diagnostic Interface:** wiScan J2534 connection port with the vehicle.

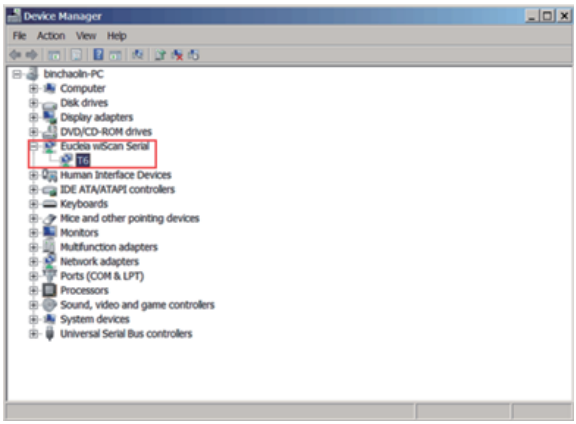
⑥ **USB interface:** wiScan connection port with the original manufacturer software through PC or laptop

1.2.2 Driver Installation

J2534 diagnostic box can be used not only to cooperate with the diagnostic tablet equipment to complete the general diagnosis and maintenance, but also to support the original software compatible with J2534 protocol.

Before using the J2534 diagnostic box for original diagnosis, the wiScan upgrading software and driver must be installed on the PC/laptop which is installed with the original software:

- Direct operation of the CD-ROM drive to install the program.
- Through EUCLEIA Official Web（www.eucleia.net）to download the latest version of the installer.
- After PC/laptop successfully installed driver and connects J2534 box, check if there is a T6 driver program under device manager.



1.2.3 Technical Specifications

Processor	ARM 32bit Cortex M3
Flash	512KB
RAM	128KB
Runtime Environment	Windows Xp、win7、win8、win10 and follow-up version
Communication Method	USB Type-B,USB 2.0
Communication Interface	DB15，Double row joint
Indicator Light	4 LED lights
Connecting Method	Test main cable connected with vehicle, USB connected with PC
Standard	*Compatible with SAE-J2534-1 and SAE-J2534-2. *Online ECU diagnosis, can be used as original diagnostic tool. *Supports third party and original diagnostics that are compatible with J2534.
Dimension	145mm*85mm*29mm
N.W.	200g
Supporting Protocol	ISO-9141 K-Line ISO-15765 CAN ISO-14230 K-Line ISO-11898 DWCAN SAE-J1850-VPW（GM Class2） SAE-J2610 SCI（Chrysler） SAE-J2809 (HONDA DIAG-H) VAG TP20 CAN（SAE J2819） VAG KW81（SAE J2818） SAE-J1850-PWM（FORD SCP） SAE-J2411 Single Wire CAN（GMLAN） VAG TP16 CAN FORD UBP BMW DS2 SAE-J2740 GM ALDL
Working Enviro nment	Input Voltage：DC 7V~18V Working Current：<300mA@DC 12V Working Temperature：-20 to 70°C Storage Temperature：-40 to 80°C (-4 to 158 °F) Working Humidity：10%~90% Storage Humidity：<80%

1.3 Fitting Introduction

1.3.1 Test Main Cable

J2534 diagnostic kit is compatible with the vehicle through test main cable connected OBDII/EOBD and to gain power. After establishing communication between J2534 kit and vehicles through test main cable, J2534 kit can transmit received vehicle data to diagnostic tablet.

Figure 1-4 Test Main Cable

1.3.2 Connector

The connector is used to connect non OBD II vehicle diagnostic base. Select appropriate connector according to the brand and model of tested vehicle. The product is equipped with connectors as follows:

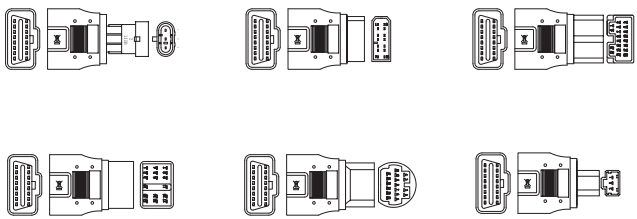


Figure 1-5 Connector

Gold Chery Changan 3（three in one）, Nissan 14, KIA 20, Honda 3, Toyota 17, Mazda 17

1.3.3 Other Fittings

Product Name	Specifications	Qty
Mini USB Connector	1.Charging by connecting Charger. 2.Connect the diagnostic tablet with the computer for data transmission, and obtain power supply.	1
Charger （GB, EN）	External power source for diagnostic tablet equipment through AC charger.	1
Cigarette lighter charger	External power source for diagnostic tablet equipment through cigarette lighter socket.	1
USB Type-B line	Used to connect original PC diagnostic software and J2534 box. 1.5 meter cable.	1
CD-ROM	J2534 diagnostic box driver.	1

1.4 Function Introduction

- **Diagnostic Function:** It supports systematic diagnosis of 130 car brands within Asia, Europe and America. Main Functions: Read DTCs, clear DTCs and read data stream.
- **Service Function:** Immobilizer, ABS Bleeding, EPB Reset, Service Reset, CKP Learning, Throttle Reset, SAS Reset, Battery Matching, CVT Reset, TPMS, Airbag Reset, etc.
- **Original Manufacturer Diagnostic Function:** Original factory supports these models: Mercedes Benz, BMW, Porsche, GM, Volkswagen, Land Rover Jaguar, Ford, Mazda, Toyota, Honda, Volvo, etc. List will gradually be updated.
- **Coding Function:** Volkswagen and Audi series, Toyota series, KIA and Hyundai series. Other Functions: One-key upgrade, Smart positioning, DTC online search, One-key system scan, Intelligent feedback, PCBU code searching, One-key screenshot, Quick support, Data stream curve display, Data management, Wireless diagnosis, Multi joint support, etc.

Chapter 2: Getting Ready

2.1 Power

S7W can be powered by either of the following:

- **Built-in Lithium Battery:** Diagnostic tablet can obtain power supply from built-in lithium battery.
- **AC/DC Power:** The diagnostic tablet can be connected to external charging device through a USB line interface（PC, Power adapter, Cigarette lighter type charger）for power supply. AC/DC power can charge built-in lithium battery.
- **Vehicle Power:** The J2534 diagnosis kit can be connected to the vehicle diagnostic interface through the test main cable and obtain the power supply function from the diagnostic interface.
- **Computer Power Supply:** The J2534 diagnosis kit can be connected to the computer through its USB type-B line, obtaining power supply through computer USB port.

2.1.1 Charging

1. Connect one end of the power adapter to the micro USB port.
2. Insert the other end of the power adapter into the external charging device (Power adapter or Cigarette lighter type charger).
3. Battery status icon  Indicates it's charging.
4. When the battery icon displays  , it indicates that charging has been completed and
5. the connection of the power adapter to the power outlet can be disconnected. Disconnect the charger from S7W.

2.1.2 Battery Usage

- If the battery has not been used for a long time or the battery power is exhausted, it may not be able to start immediately which is normal. Please charge the battery for a period of time then reboot.
- The consumption of electricity is much more than usual when using data services which will shorten the standby time.
- The battery charging time will change with the natural temperature and battery usage.
- When the power is not enough, the device will make a prompt. When the battery

- power is too low, the device will automatically shut down.

  Note: You can try the following power saving method.
- When not using the tablet, Press the top right button to lock the screen.
- **Shorten the screen standby time:** enter the main menu, select "Settings" → "show" → "sleep", set a shorter standby time.
- **Reduce the screen brightness:** enter the main menu, select "Settings" → "display" → "brightness" to set.
- Set "Live Wallpaper" as a static wallpaper.

2.2 On/Off

Before using the S7W intelligent dual-mode diagnostic system, make sure that the battery is fully charged or has been connected to the power supply.

2.2.1 Turn On

Press and hold the top right button (power / lock screen button) for 5 seconds to turn the device on. Tap the small circle and drag it to the edge of the screen to unlock the screen. On the upper right corner of the screen indicates the connectivity status between the S7W and vehicle OBD port. Means not connected and means successful connection.

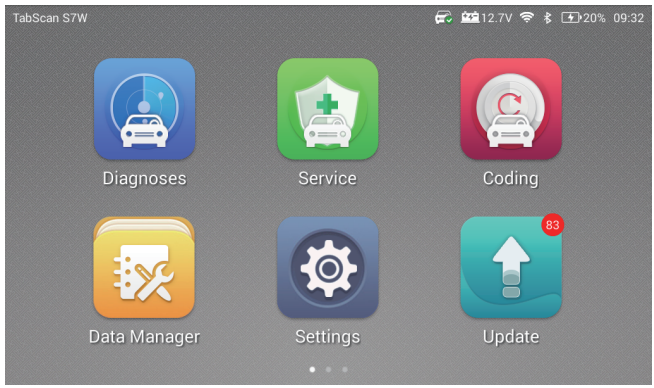


Figure 2-1 S7W Application Menu

2.2.2 Initial Settings

If you are new to S7W, it recommended initial product setup, registration and upgrade, see "Settings" and "Update" relevant chapters.

2.2.3 Application Menu

Users can begin using the S7W by simply tapping or pressing the display with built-in touch screen function.

Application menu functions are explained on the table below.

Table 2-1 Application

APP Name	Icon	Description
TabScan		Start TabScan APP
Diagnosis		Operate and perform vehicle diagnosis procedures
Service		Operate and implementation of vehicle maintenance program
Coding		Operate and perform vehicle coding procedures
Settings		Displays system settings and device information
Update		Register, download and install the latest software update
Support		View account information, data feedback, FAQ, customer feedback, service hotline, warranty policy, etc.
Data Manager		Browse and manage saved file data
Shop Manager		Save and edit maintenance, user information and viewing history

Database		View maintenance documents, videos and web links
wiScan Manager		Firmware kernel upgrade
PCBU Query		Provide technicians with PCBU fault code search and solution
Remote Assistance		Provide remote technical support to help you solve the problem quickly
Connection Status		Connection successful
Connection Status		Not connected
Battery Voltage		Current car battery voltage

2.2.4 Operating System

The S7W runs in a standard Android operating system. Third-party applications can also be downloaded and run on this device. Eucleia will be free to optimize the operating system, please update in the Wifi environment to enhance the user's experience. Click "Settings" -> "About tablet" -> "Wireless upgrade" to open the update interface.

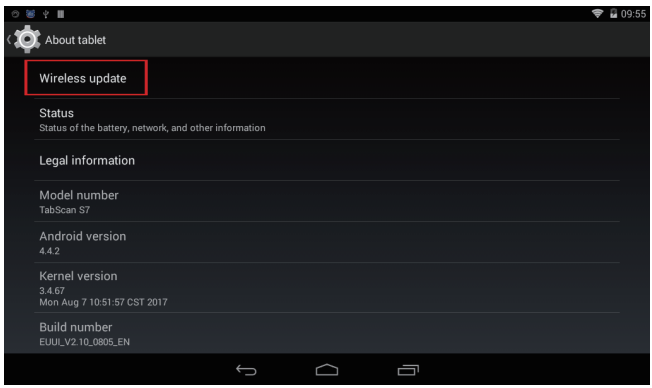


Figure 2-2: Wireless update

2.2.5 Switch off the Device

Whilst the device is on, press and hold the power button and tap on “Power off” to turn it off.

Note: Please stop or disconnect all vehicular communication before switching the S7W.

2.2.6 Reboot the device

To reboot, press and hold the power button and tap on “Reboot”.

Note: Please stop or disconnect all vehicular communication before switching or rebootin

2.3 Screen

2.3.1 Locking the Screen

In the main screen, press and hold the power button for 1 second to lock the screen. The screen will automatically lock after a period of inactivity (default is 5 minutes).

2.3.2 Unlocking the Screen

Hold and drag the small circle to outer edge to unlock the screen.

2.3.3 Touch Screen Usage

- In order to make better use of the touch screen, it is recommended before using to remove the protective film.
- Do not use sharp objects or strong touch on the touch screen.
- Please click on the desired item of menu button with your finger to confirm your selection or launch applications.

Chapter 3: wiScan Manager

This option provides J2534 diagnostic kit Bluetooth pairing and firmware version upgrade.

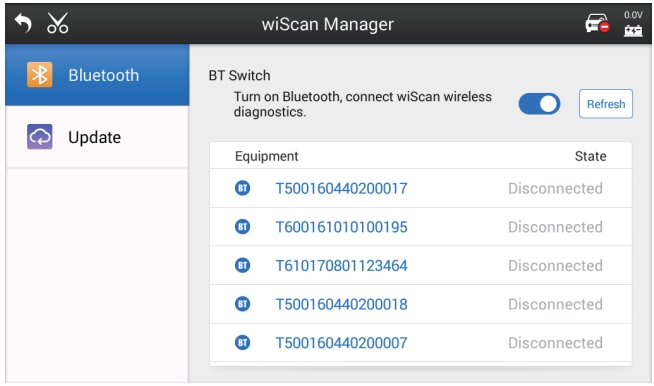


Figure 3-1: wiScan Manager

3.1 Bluetooth Pairing

For first time use of "Diagnoses" and "Service", the tablet and the J2534 diagnostic kit must establish a communication connection.

Before performing the pairing, the J2534 diagnostic kit needs to be connected to the vehicle in order to remain powered during the execution of the synchronization pairing. Make sure that the battery is sufficient or connected to the AC/DC power supply.

- **Establishing Bluetooth pairing between diagnostic tablet and J2534 kit.**

1. Open diagnostic tablet.
2. Choose “wiScan Manager” on the diagnostic tablet menu.
3. On Bluetooth pairing, the device will automatically scan available J2534 diagnostic kit and establish Bluetooth pairing. The scanned device will be displayed on the right side of the Bluetooth settings screen

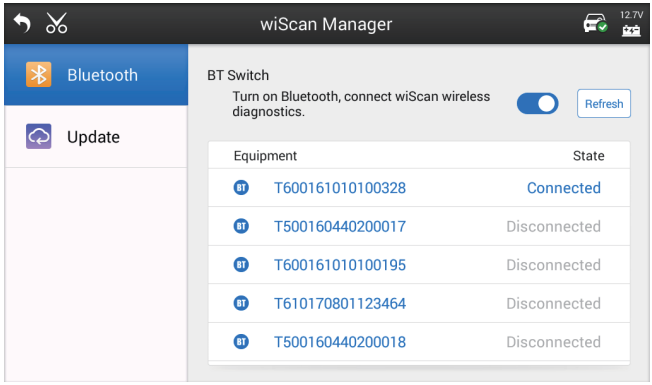


Figure 3-2 Bluetooth pairing

Note: If the J2534 diagnostic kit is not found, it might be because the Bluetooth signal is too weak. In this case, you should take the device closely to J2534 diagnostic kit, or rearrange the position of the equipment and remove all possible interference objects. Then open Bluetooth, re-search equipment .

4. Depending on the type of used J2534 diagnostic kit, the device name is displayed in the form of the J2534 diagnostic kit serial number (if Selected, then it can establish Bluetooth pairing, no need to enter a password).
5. After successful pairing, the connection status of the device name will be displayed as a paired device and the rest is the available device.
6. After pairing, return to the main program page. Wait for a few seconds and on the upper right corner displays connected icon . The wireless indicator light on J2534 diagnostic kit flashes continuously and make a tick sound which indicates successful Bluetooth pairing between diagnostic tablet and the J2534 kit and you can start the vehicle diagnosis at any time.
7. After pairing, and as long as you do not cancel the pairing, the default J2534 connection kit is connected to each other by default.

3.2 VCI Update

The system will automatically retrieve the latest updates when S7W is connected to the Internet. Install the software update by update application download.

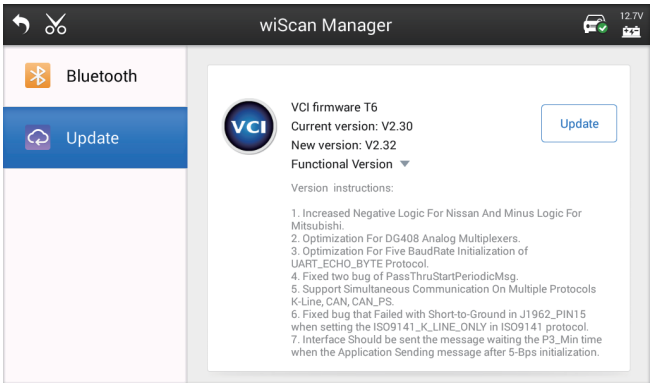


Figure 3-3 VCI Update

Chapter 4: Automotive Diagnostics

Diagnostic device and vehicle electronic control system needs data connection to access vehicle control module, read diagnostic information and view data flow parameters.

Diagnosis handling precautions:

- Before starting the engine, make sure the shift lever is on Park position (P) for automatic vehicle and Neutral (N) for manual vehicle and the Parking break (or Hand break) is engaged.
- Keep the ignition switch in off position before plugging-in or pulling-out the main test cable from the vehicle diagnostic port.
- When the ignition is on, do not disconnect any electrical installations in the car in order to avoid damage on ECU or device.
- Do not place any magnetic object close to the device or vehicle sensors to avoid ECU circuit and component failures.
- If you do not need to use the vehicle for a week or longer, it is recommended to unplug the connector to ensure that the battery does not affect the normal start of the vehicle.

4.1 Establishing Vehicle Communication

The execution of diagnostic program operation requires the use of the test main cable to connect the J2534 diagnostic kit with the test vehicle with a non OBDII vehicle, and then establish the data communication with the diagnostic tablet. To establish a good communication between the diagnostic tablet and the vehicle, the following actions are required:

1. The J2534 diagnostic kit is connected to the vehicle diagnostic base for communication and power supply.
2. Establishing communication between the J2534 diagnostic kit and the diagnostic tablet by Bluetooth pairing.（See Bluetooth pairing, please check the chapter--“WiScan Manager”）
3. Check communication condition between diagnostic tablet and J2534 Diagnostic kit from the upper right corner “Status icon“.  indicates not connected and  indicates successful connection and can start automotive diagnosis.

4.1.1 Connect the Vehicle

According to different configuration of the vehicle, the method of connecting the J2534 diagnosis kit and the vehicle diagnosis base is divided into the following two types:

Connecting OBD II Vehicles

Connecting OBD II Vehicles need to use test main cable and don't need to combined with other joints.

- **How to connect OBD II vehicles?**

1. Connect the test cable (female) to the S7W interface (male) port and tighten the screws.
2. Connect the 16-pin adapter (male) to the vehicle diagnostic port (female) which is usually located underneath the dashboard or steering wheel.

Note: OBD port varies on vehicle brand and model. Refer to the test vehicle user guide to learn the location of its OBD port. Commonly used and tested vehicles' OBD port as follows on the next figure:

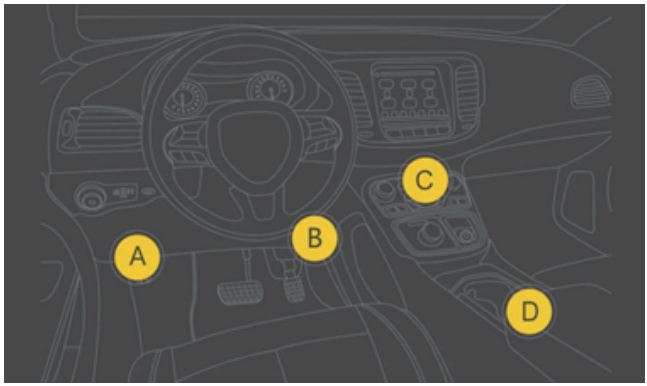


Figure 4-1 OBD Connector Locations

A: Mercedes-Benz, General Motors, Volkswagen, BMW, Ford, Toyota, Hyundai, Citroen and other brands or vast majority of vehicles.

B: Honda, Volkswagen Touran, imported Lexus and other models.

C: Dongfeng Citroen, Dongfeng Peugeot and other small vehicles.

D: Dongfeng Citroen and other small models.

Connecting non-OBD II vehicles

Connecting non-OBD II vehicles need to use test main cable and professional joints.

- How to connect non-OBD II vehicles?

1. Connect the test cable (female) to vehicle data port of J2534 diagnostic kit and tighten the screws.
2. Find the proper connector, then connect the 16-pin socket of the connector to the test adapter.
3. Connect the connector to the vehicle diagnostic base.

4.1.2 Connect J2534 Diagnostic kit

After the J2534 diagnostic kit is connected to the vehicle, the power indicator light and the wireless indicator light on the device are continuously lit, which indicates that the VCI is ready to establish communication with the diagnostic tablet.

Via Bluetooth Pairing

Bluetooth pairing is the communication between the diagnostic tablet and the J2534 diagnostic kit. The effective working range of Bluetooth communication is about 10 meters, so you can more easily and conveniently carry out vehicle diagnosis in the workshop. The diagnostic tablet can be matched with each J2534 diagnosis kit via Bluetooth and then can be used to diagnose the vehicle conveniently. Differ from traditional connecting method, Bluetooth communication does not need to be inserted and pulled out, which saves time and improves work efficiency.

To know more, please view the related chapter---" wiScan Manager".

4.2 Getting Started

This section describes how to navigate the "Diagnoses" screen and select diagnostic options.

4.2.1 Cars menu layout

Note: Various diagnosis processes and interfaces are slightly different. This manual refers to VW models as an example.

After the Bluetooth pairing is completed, return to the main program page. Wait for few seconds, when the connectivity status appears and the wireless indicator light on J2534 diagnostic kit is on and a "drip" sound is heard. It indicates a successful Bluetooth pairing between diagnostic tablet and J2534 diagnostic kit. click “Diagnoses” icon on S7W menu to open Cars Menu.

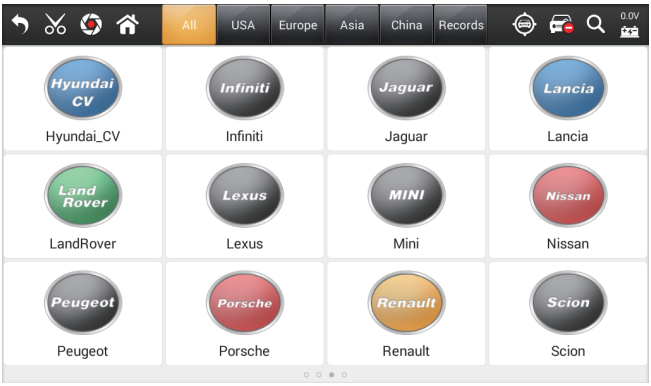


Figure 4-2 Cars menu

4.2.2 Diagnostic Application

Once automatically or manually obtain the information needed to diagnose, the data will eventually enter the diagnostic application main interface. The main interface changes in content according to various stages of operation. The main menu shows the various vehicle diagnostic systems and corresponding diagnostic information.

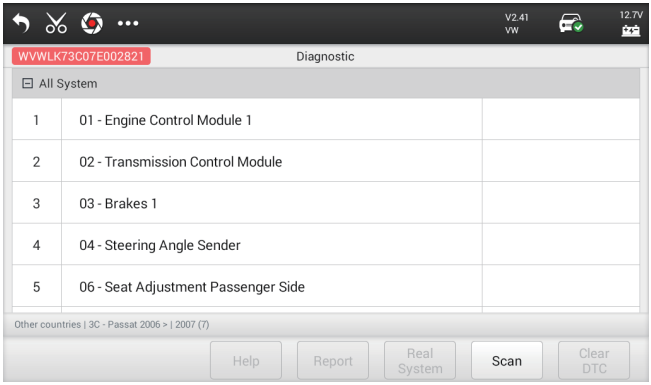


Figure 4-3 Diagnostic

4.2.3 Navigation Buttons

The following table describes the operation description of each diagnostic menu navigation buttons.

Table 4-1 Navigation buttons

Name	Icon	Description
Return		Return to the previous page
Screen-shots		Taking a page snapshot
Data acquisition		Record vehicle's communication code and ECU information
Home		Return to the main menu
Print		Print data
Save		Click button to save the data in the device

Share		Click button to share data
Vehicle positioning		Click button to retrieve the positioning vehicle
Vehicle connection		Click button to set vehicle connection
Vehicle searching		Click button to enter searched vehicle
Vehicle voltage		Indicating vehicle's current battery voltage
Name		Models or maintenance function available update remind
Return		View the testable models of the current model or maintenance functions
Screen-shots		Fault code query
Data acquisition		Uncensored
Home		There is a fault code and the number of DTCs
Print		The system does not exist
Save		ECU state has been detected in the system, but the system cannot accurately locate
Share		Show selection

4.2.4 Screen Messages

There are three main messages during diagnostic procedure depending on different circumstances such as: Confirmation, Warning and Error Message.

- **Confirmation:** When the operation is in progress and about to be executed or whether to continue.
- **Warning:** When the execution of certain operation cannot be undone which may result in lost or unrecoverable data, system will display a warning message.
- **Error Messages:** If a system or program error occurs, an error message will be displayed. For example, when the device cable is disconnected or communication is interrupted, and error message will be displayed.

4.2.5 Perform a selection operation

The diagnostic application is a menu-guided program that displays a series of menu selection. Users can use the fingertips or stylus to make various menu selections. To know more, please view the related chapter---"Navigation Buttons".

4.3 Vehicle Identification

The S7W diagnostic system can support three methods of vehicle identification:

- Automatic VIN identification
- Manual VIN identification
- Manual vehicle selection

4.3.1 Automatic Positioning

1. After the device is connected with vehicle, click to locate to diagnostic page automatically.

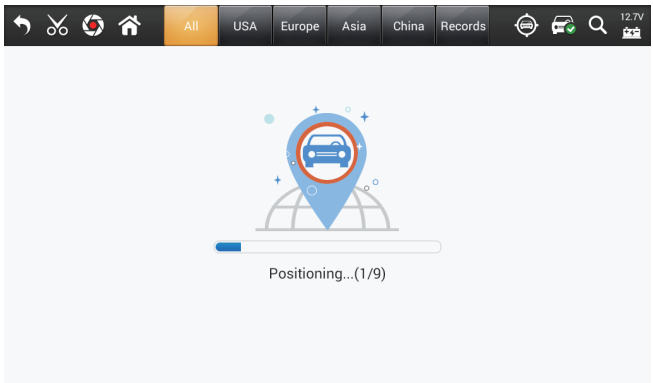


Figure4-4 Automatic Positioning

2. After successful vehicle identification, the system will move directly to the "Diagnostic" screen.

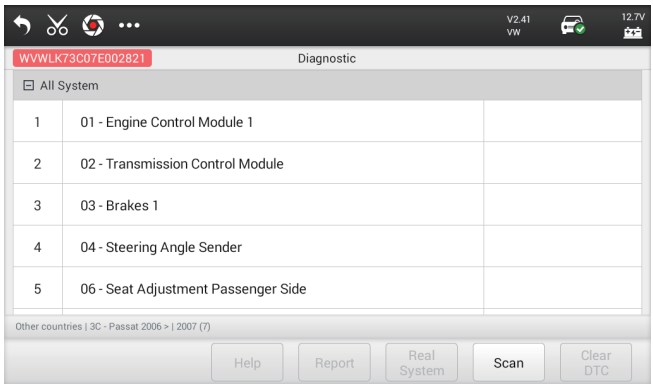


Figure4-5 Diagnostic

4.3.2 Manual VIN Identification

For vehicle which doesn't support automatic identification, manual VIN input can be made.

1. Tap the input box to type the correct VIN. VIN consists of 17 alphanumeric characters.

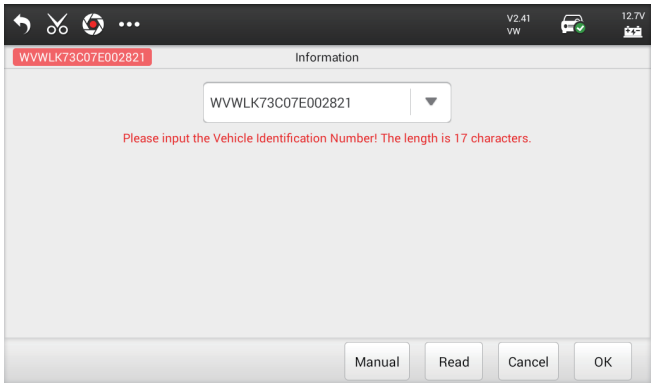


Figure 4-6 Manual VIN Input Interface

2. The system will then identify the inputted VIN. After successful vehicle identification, the system will move directly to the "diagnostic" screen. (figure 4-5).
3. If VIN is not available, click on "Manual" to cancel manual VIN input, the system will automatically proceed to vehicle information select screen.

4.3.3 Manual Vehicle Selection

If the system cannot automatically recognize the VIN, or if not available, manual vehicle selection could be done.

1. When VIN is unknown, click on "Manual" and the next screen will show the "Vehicle Information Select" screen. Click on the "Reset" on the lower right corner to reset selected information.

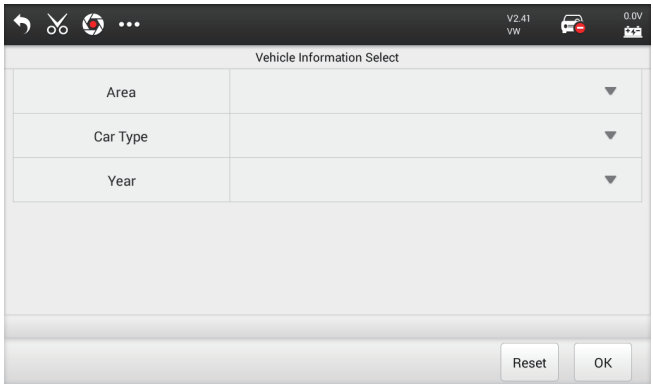


Figure 4-7 Vehicle Information Select

2. Select the needed vehicle information such as Area, Car Type, Year, etc. then click on OK.
3. Check whether the displayed vehicle information is correct:
   1) Click on OK to move to “diagnostic” screen. (Figure 4-5)
   2) Click on return button on top left corner to restart selection.

4.4 Diagnosis

4.4.1 Automatic Scan

There are two main-scanning methods: Single system scan and Full system scan.

Single system scan. It scans the selected system to locate and read the fault code.

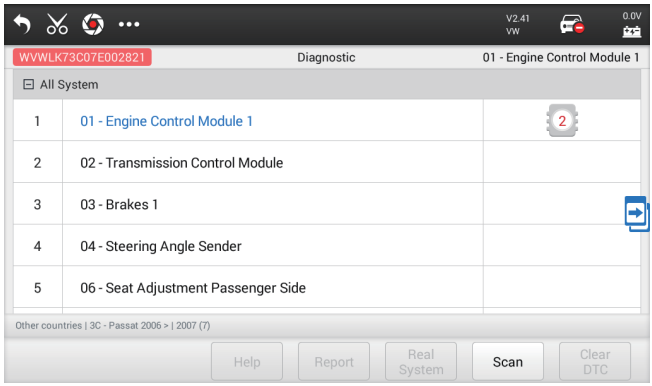


Figure 4-8 Single system scan operation

One-key Scan. Click on “Scan” button. Select this method to conduct a comprehensive scan for all systems on the vehicle ECU to locate and read the fault code.

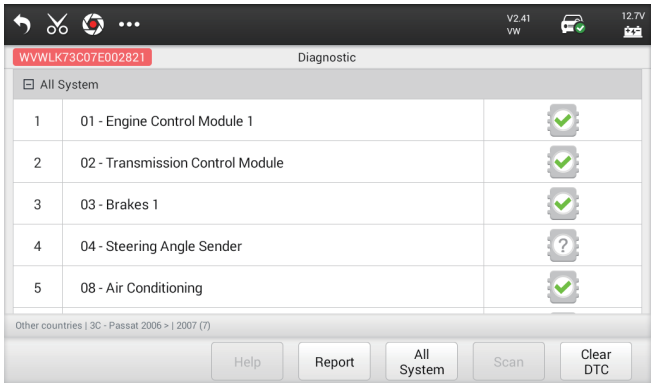


Figure 4-9 Scan Operation

4.4.2 No Communication Tips

If connection cannot be established, check and follow the pop-up message. The issue may also be caused by the following.

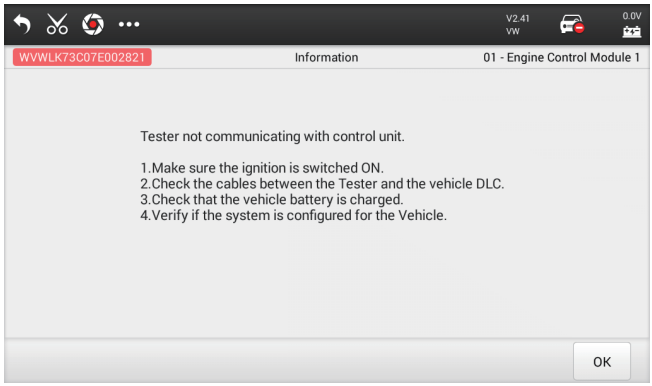


Figure 4-10 Communication Failure

- Check if J2534 diagnostic kit is successfully paired with the tablet via Bluetooth.
- Check whether there's signal interference or beyond the Bluetooth connection area. Keep the diagnostic tablet as close as possible to the J2534 diagnostic kit for a more stable signal and faster communication speed.
- Check whether the wireless light and the vehicle communication light on the J2534 diagnostic kit are on.
- Vehicle is not equipped with the selected test system.
- Vehicle and main test cable is loose.
- Vehicle fuse is blown.
- Vehicle test main line or connector wiring fault.
- Test main or joint presence circuit fault.
- Entered VIN is incorrect.
- Check if the ignition key is on.
- Check the battery if low.

4.4.3 Diagnostic Report

Click on “Report” to show tested report.

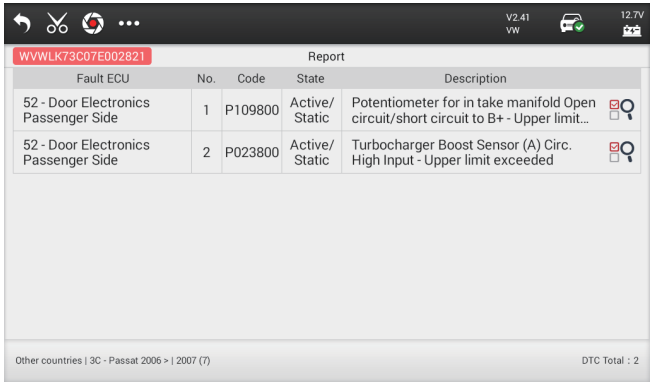


Figure 4-11 Diagnostic Report

4.4.4 Control Unit

The control unit displays a list of measured and diagnosed vehicular modules. Select any module unit to enter to its function menu diagnostic interface.

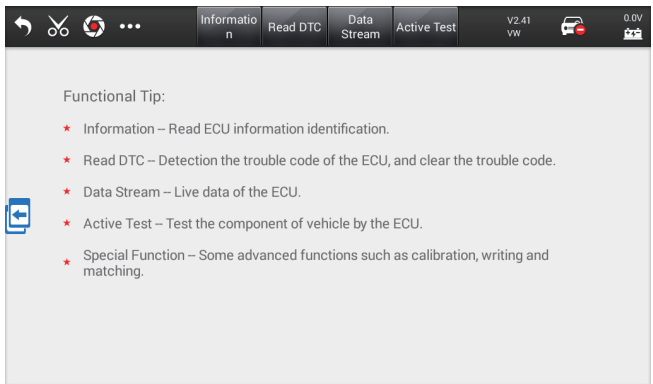


Figure 4-12-1 Function Menu interface diagram

The main function varies on every vehicle.

4.4.5 ECU Information

This function can read and display the specific information of the measured control unit, including the control unit type, VIN code, and other specifications.

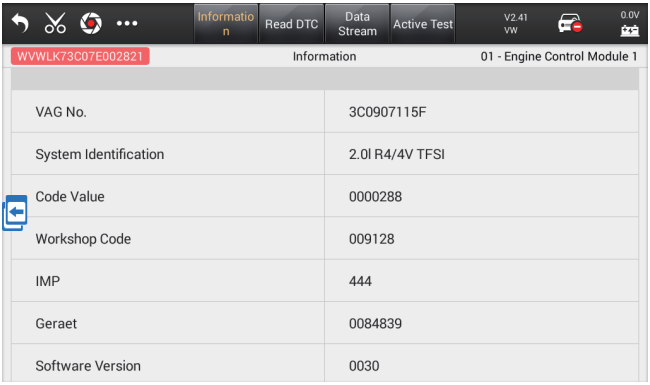


Figure 4-12-2 ECU Information

4.4.6 Read DTC

This feature reads and displays the fault code retrieved from the vehicle control system. Read DTC interface varies on every vehicle.

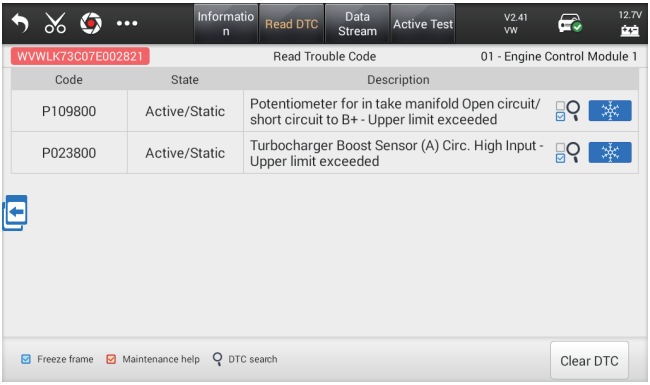


Figure 4-13 Read DTC

- **Code.** Displays fault codes retrieved from the vehicle.
- **Status.** Shows the retrieved DTC state.
- **Description.** Displays detailed description of the fault code.
- **Freeze frame** . It can only be viewed when freeze frame data occurs.
- **Maintenance guideline** . It can only be viewed when an error code is displayed.
- Click on it to show service interface guidelines to help answer technical failure.
- **DTC check** . Check the DTC information by search engine (requires network connection).

4.4.7 Clear DTC

After reading the vehicle fault code and complete the repair, you can use this function to clear the existing fault codes. Before clearing DTC, ensure that the vehicle engine is turned off and the ignition key is in the open state.

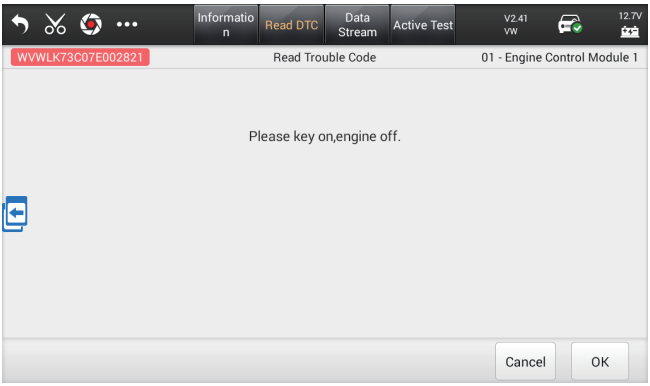


Figure 4-14 Clear DTC

- **How to clear DTC?**

1. Click “Clear DTC” to clear current trouble code. Or click “Clear DTC” button on diagnostic screen (figure 4-5) to clear all fault codes.
2. A warning message appears on the screen prompting you to turn off the ignition key and wait for 5 seconds.
   1) Click “Ok” to proceed on the clearing process.
   2) Click “Cancel” to exit.

4.4.8 Data Stream

After selecting this function, the data list of the selected module is displayed on the screen. The displayed parameters are based on vehicles electronic control module therefore varies on every car brand and models.

For example, the following Figure shows the "read data flow" interface in vw cars.

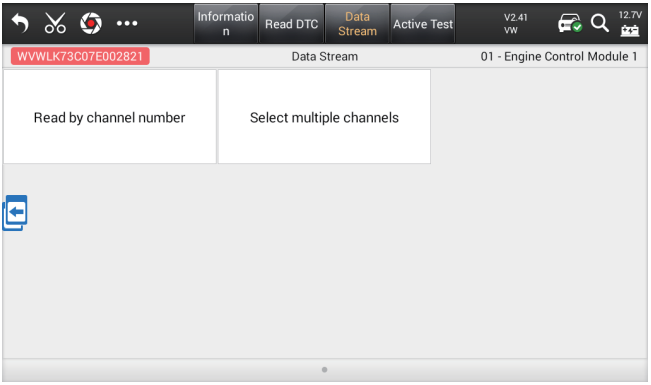


Figure 4-15-1 Data Stream

Manually slide up and down the screen can quickly browse the list of data. If the data covered more than one interface, you can use "check box" button to select the data flow, and by "on-top", "search" and "show selected items" function button select target parameters page. Shown as below:

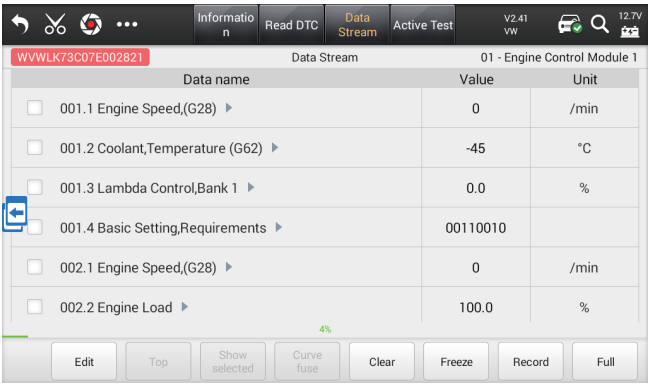


Figure 4-15-2 Data Stream

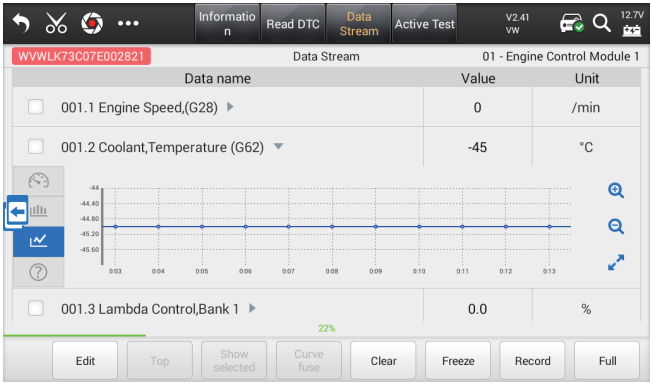


Figure 4-15-3 Read Data Stream

1.Bottom button column:

- **Edit.** Modify the unit;
- **Top.** Top selected data stream;
- **Show selected.** Display the selected data stream or reply to all data streams;
- **Curve fuse.** Fuses selected data flow curve, up to 4 curves;
- **Clear.** Clear the real-time data of the communication records;
- **Freeze.** Freeze current data stream, view previous data stream information;
- **Record.** Start or stop recording data stream information;
- **Full.** Hide or restore the navigation area.

2. Main interface

- **First column:** displays the parameter name.

a) **Checkbox.** Click checkbox from the left-side of parameter name to select checking option, click again to cancel.

a) **Waveform button.** Click the right-side button of parameter name to open waveform, click again to restore the text display mode. Waveform mode is display as waveform parameters. Four control buttons on the left -side of waveform will appear; Three buttons on the right-side of waveform to zoom in and out of the displayed waveform operation.

- **Second column:** Displays the parameter values.
- **Third column:** Displays the parameter value unit.
- **Fourth column:** Displays the range of parameter values, different models may be different.

4.4.9 Active Test

When this function is selected, a list of selected modules is displayed on the screen. The options available will vary for different vehicle control modules.

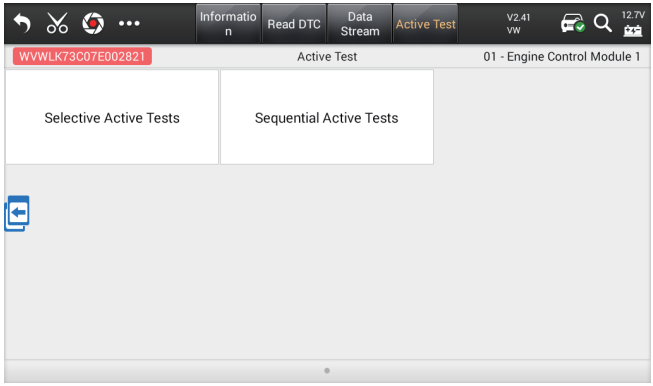


Figure 4-16-1 Active Test

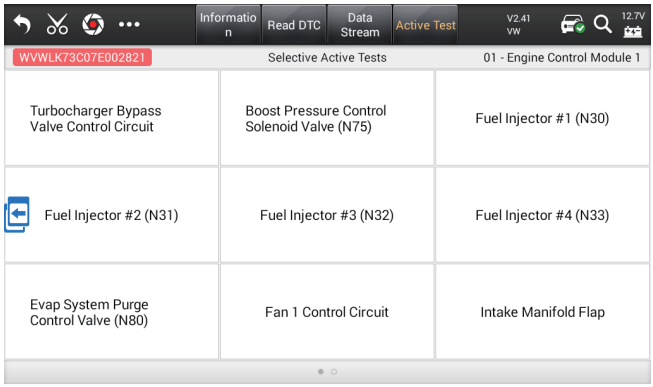


Figure 4-16-2 Selective Active Tests

Select the appropriate function, start the corresponding component test.

4.4.10 Special Function

When this function is selected, a list of selected modules is displayed on the screen. The options available will vary for different vehicle control modules (here omitted).

4.4.11 Data Acquisition

The feature is provided to users to help enhance the quality of diagnostic software. Click on the icon to start collecting data; Click again to open the data to save the feedback prompt interface. The interface can also add or remove attachment, click on the icon to add attachment, click on the icon to delete attachment.

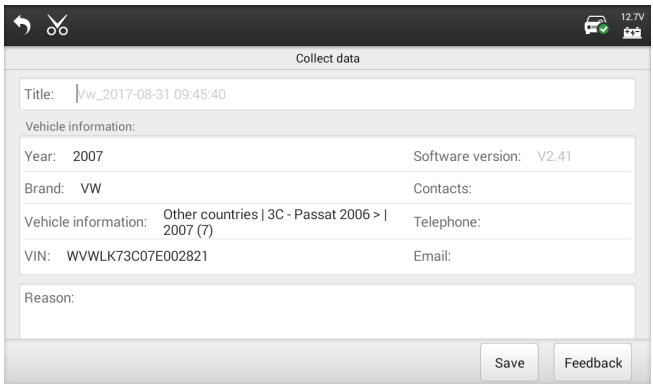


Figure 4-17-1 Collect Data

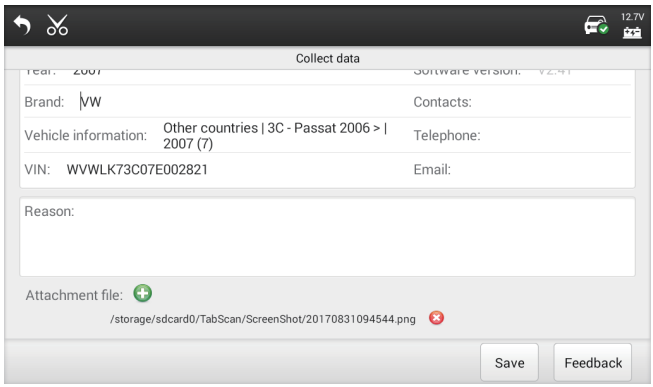


Figure 4-17-2 Add/ Delete Attachment

4.5 Exit the Diagnoses

As long as the device communicates effectively with the vehicle, the diagnostic application remains open. Before closing the diagnostic application, you must exit the "Diagnoses"interface to stop all communication with the vehicle.

Note: Communication interruption may cause damage on the Electronic Control Module (ECM) of the vehicle. During the test, make sure that the data cable is connected. Before disconnecting the test cable or turning the device off, quit all testing procedures.

- **How to exit diagnostic application?**

1. While running the diagnostic interface click on "Return" button to stop diagnostic session;
2. Click on the "Home" button to exit the program and return to the TabScan S7W main interface.
3. At this point, you may exit the TabScan S7W diagnostic software and return to Android system main screen.
4. If you need to re-enter the diagnostic system, please click on the TabScan icon .

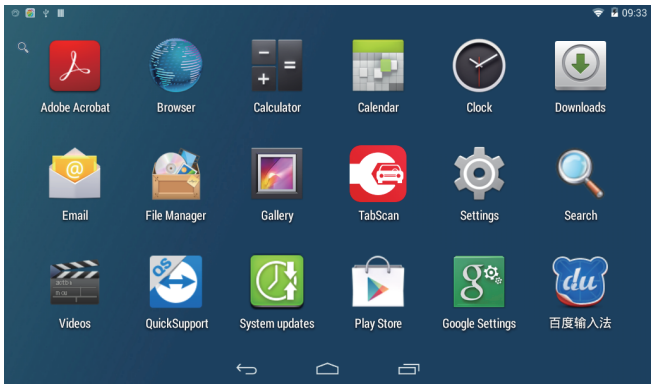


Figure 4-18 Android System Main Screen

Chapter 5: Service Function

Selecting “Service” can provide quick access to vehicle system to operate special function operation. Enter the correct data by following the on-screen instructions to select the appropriate option. System will guide users to complete the special function operation automatically.

Note: For initial use, you must establish communication between diagnostic tablet and J2534 diagnostic kit. To know more, please refer to chapter “WiScan Manager”.

Service functions include: ABS Bleeding, EPB Reset, Service Reset, CKP Learning, Throttle Reset, SAS Reset, Battery Matching, CVT Reset, TPMS, Immobilizer and Airbag reset, etc.

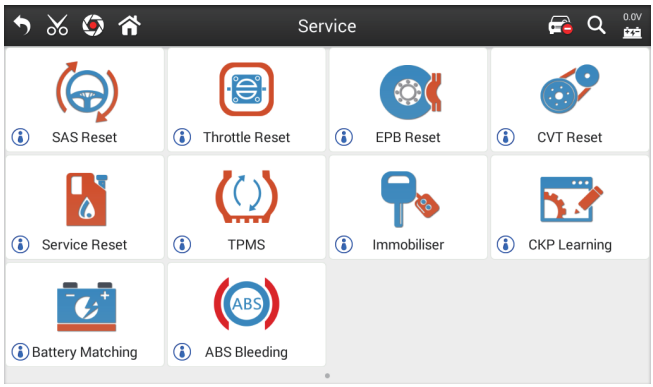


Figure 5-1 Service Function

5.1 Functions Description

The chapter introduces main automotive maintenance functions:

Service Reset

This function can be used to reset the engine oil life system. The engine oil life system calculates the optimum oil change cycle according to the driving and climate conditions. Every time you changed the oil, you need to reset the oil life indicator, so the system will calculate the time you need to replace the oil.

TPMS

This function can quickly read the tire sensor ID from the vehicle ECU. After the replacement of the tire sensor, it does the setting and operation for the tire pressure monitoring system.

EPB Reset

This feature supports a variety of maintenance operations to enable you to safely and effectively maintain the electronic parking brake system.

Applications include activation of the brake control system, and the implementation of brake fluid control assistance, open and close brake pads and reset the brake after replacing brake disc and brake pads.

ABS Bleeding

This feature allows you to perform a variety of bi-directional tests to check the operating status of the “anti-lock braking system“ and “the airbag system”, such as “Automatic bleeding”, “Pump motor test”, and view “Module information”, etc.

SAS Reset

It supports the calibration of “steering wheel angle sensor “and storage of current steering wheel position to standard position. After calibration, the fault memory of the steering wheel angle sensor is automatically removed.

Throttle Reset

This feature can be automatically or manually reset after cleaning or replacing the throttle.

Battery Matching

It supports automatic matching when the battery charge capacity does not match the engine.

CVT Reset

The maintenance function can reset the CVT gearbox settings so as to get the best match between the transmission system and engine condition.

CKP Learning

After the replacement of the engine or the crankshaft and flywheel and other parts, use CKP function to re-calibration.

Immobilizer

Use the Immobilizer function to match the engine, anti-theft module and anti-theft key when replacing the engine, anti-theft module and supplemental key.

Airbag Reset

This function performs the reset operation of the airbag.

5.2 Models Support

Service Reset

Acura, Audi, Baic, Bentley, Benz, Besturn, BMW, Bugatti, Buick, BYD, Cadillac, Chery, Chevrolet, Chrysler, Citroen, Dacia, Daewoo, Dodge, Ferrari, Fiat, Ford, GMC, Great wall, Honda, Holden, Hyundai, Hummer, Infiniti, Isuzu, JAC, Jaguar, Jeep, Kia, Lamborghini, LANCIA, Land Rover, Lexus, Lincoln, Maserati, MAZDA, MG, Mini, Mitsubishi, Nissan, Oldsmobile, Opel, Pontiac, Peugeot, Porsche, PROTON, QOROS, Renault, Roewe, Rolls-Royce, Romeo, Rover, Saab, Saturn, Scion, Seat, Skoda, Smart, Subaru, Suzuki, Toyota, Vauxhall, Volvo, VW, YEMAAUTO, ZOTYE, etc.

TPMS

Audi, Benz, BMW, Ford, Gm, Lexus, Porsche, Toyota, BYD, Jaguar, Land Rover, ZOTYE, etc.

Battery Matching

Audi, VW, Skoda, BMW, Ford, etc.

CKP Learning

The software can be used to supported car models of Delphi OBD engine system.

CVT Reset

The software can be used to support Toyota, Mitsubishi, etc.

EPB Reset

Audi, Pentium, Bentley, Benz, BMW, Bugatti, BYD, Changan, Chery, Citroen, Daewoo, Dongfeng, Ferrari, Fiat, Honda, Hyundai , Jaguar, KIA, Ford, Land Rover, Lincoln, Maserati, MINI, Opel, Peugeot, Porsche, Renault, Roewe, Rolls-Royce, Saab, Scion, Seat, Skoda, Toyota, Vauxhall, Volvo, ZOTYE, etc.

ABS Bleeding

The software can be used to supports ABS bleeding functions of Delphi, MGH-25, TRW,MK60, Bosch, Lifan, Youfin, Toyota, etc.

SAS Reset

Acura, Audi, BAIC YINXIANG, BMW, BYD, Chery, Citroen, Dongfengfengshen, Dongfengfengxing, Ford, Greely, Great Wall Motor, Honda, Infiniti, JAC, Chery, MINI , Mitsubishi, Nissan, Toyota, Faw car, etc.

Throttle Reset

Audi, Acura, BMW, Brilliance, BYD, Changan, Chery, Chrysler, Citroen, Daewoo, Dongfeng Fengxing, Dongfeng Fengshen, FAW, Fiat, Ford, Geely, GM, Great Wall, Hyundai, Hainan Mazda, Honda, Huizhong Auto, Infiniti, Jianghuai Auto, Jaguar, KIA, LANCIA, Land Rover, Lexus, Lifan, Lincoln, MG, MITSUBISHI, Nissan, Opel, Porsche, Peugeot, young lotus, RELY, Roewe, Renault, Riich, Romeo, Saab, Seat, Skoda, Dongnan auto, Spark, SUZUKI, Tianjin FAW, TOYOTA, Volkswagen, Liuzhou Wuling, Zotye, ZXAuto, Zhengzhou Hippocampus, Zhengzhou Nissan.

Immobiliser

BAIC, Benz, Besturn, Brilliance, BYD, Changan, Leopaaro, Dongfeng Fengshen, Dongfeng Fengxing, Hainan Mazda, Honda, Acura, Isuzu, Hyundai, Great Wall, Jianghuai Auto, Chrysler, Citroen, Peugeot, DS, Fiat, Ford, Geely, Lincoln, GM, Chery, Jaguar, Changhe, HAIFEE, BDZC, HIMIKO, FAW Hongqi, FAW JIABAO, etc.

Airbag Reset

BYD, Honda, etc.

Chapter 6: Coding

Choose coding function can do auto coding. It supports VW, Audi, Seat and Skoda, etc.

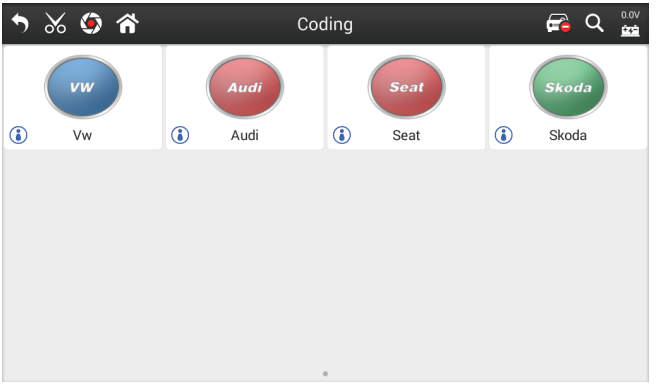


Figure 6-1 Coding

Chapter 7: Settings

System settings can be viewed and adjusted under “Settings” menu.

7.1 Unit

This option lets you select the diagnostic system unit of measurement. Select either Metric or Imperial.

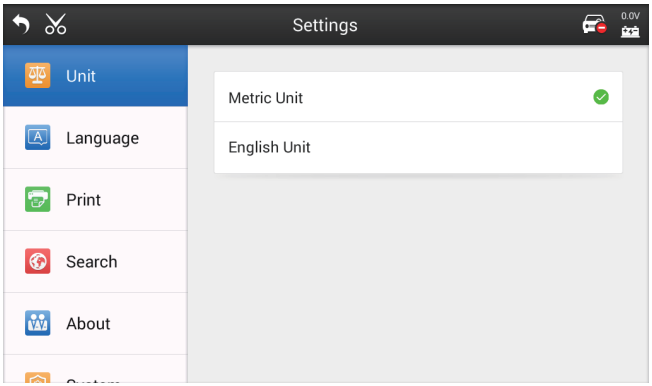


Figure 7-1 Unit Settings

7.2 Language

This option lets you check current language version,there are 5 language versions that needs to be determined before buying.

Figure 7-2 Language Settings

7.3 Print

This option provides two print types: Network printing and Bluetooth printing. Click to select the desired printing method.

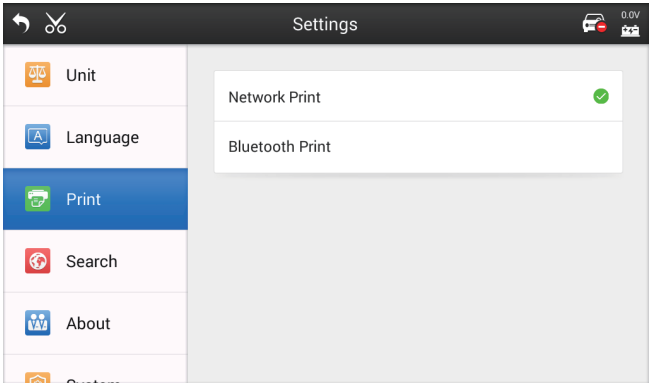


Figure 7-3 Print Settings

- **How to set printers?**

1. Click on the S7W program menu "Settings" application.
2. Click on the left of the "print" option.
3. Select the desired type of print. Select the print connection appears to the right of a "√" icon.
4. Select "Network printing" options. Network printing function is activated. The device can connect to a printer through Wi-Fi. Print the desired data file.
5. Bluetooth printing option enables Bluetooth printing function. The device can connect to printer via Bluetooth to print the required data file.
6. Click on the upper left corner of the "Return" button then you will be returned to the S7W program menus, or select other options in the settings to set.

Note: The print function requires the printer to support the appropriate connection.

7.4 Search

This option lets you select the default search engine for trouble codes. Click on the desired search engine to select.

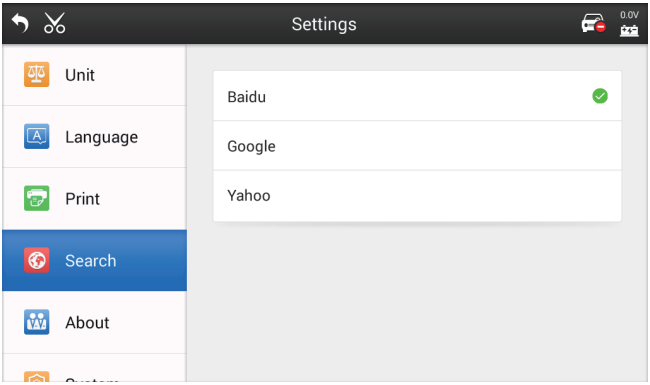


Figure 7-4 Search Settings

- **How to set printers?**

1. Click on the S7W program menu "Settings" application.
2. Click on "Search engine" option.
3. Select the type of search engine. The search engine you have selected will appear a "√" icon on its right side.
4. Click on the upper left corner of the "Return" button then you will be returned to the S7W program menus, or select other options in the settings to set.

7.5 About

This option provides information about S7W diagnostic equipment - product name, App version, serial, code, firmware version, communication version and display version.

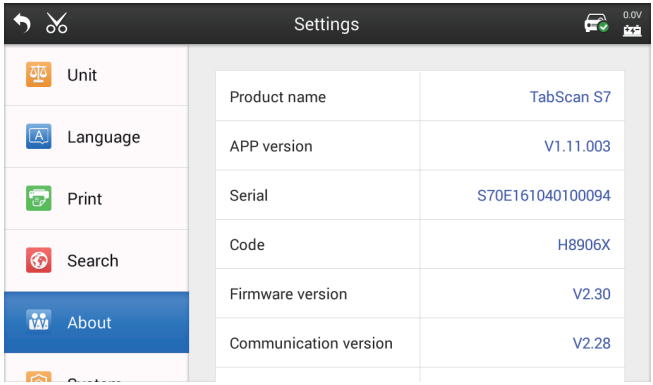


Figure 7-5 About

- **How to view product information on “About”?**

1. Click on the S7W program menu "Settings" application.
2. Click on "About" option to view product details, such as serial number, code, firmware version, communication version, etc.
3. Click on the upper left corner of the "Return" button then you will be returned to the S7W program menus, or select other options in the settings to set.

7.6 System

This option directly show the diagnostic system background system settings interface. In this interface, you can adjust the EUUI intelligent operating system platform settings such as Bluetooth pairing, wireless networks, screens, system security settings, check the related information of EUUI intelligent operating system, etc. EUUI intelligent operating system is compatible with standard Android operating system.

Chapter 8: Update

8.1 Product Registration

Please register the product and when the registration has completed, the device is available for firmware "update" operation.

Make sure that the device is connected to a stable internet connection before the registration process.

- **How to register ?**

1. Click on Update menu.

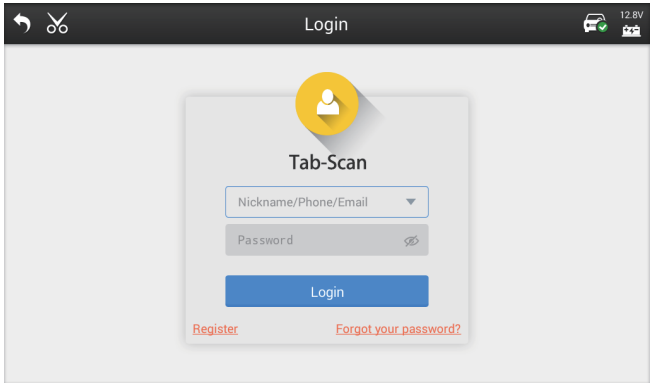


Figure 8-1 Login

2. If you already made an account, enter your username and password to log-in.
3. If you forget the password, apply for the verification code by the registered email then use the code to retrieve password.

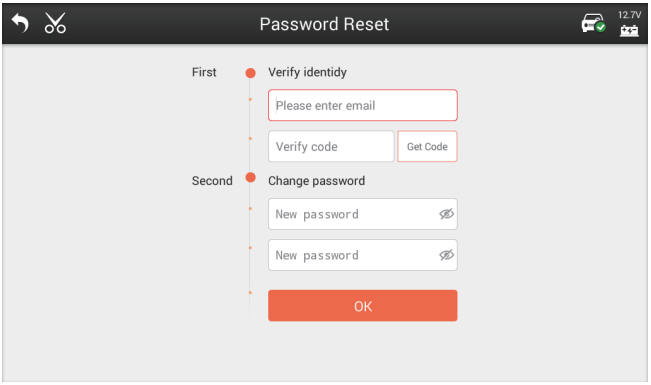


Figure 8-2 Password Reset

4. If you don't have any account, click on "Register" button to sign in.

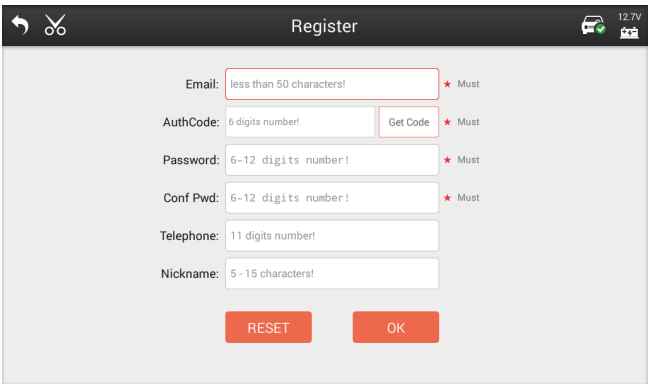


Figure 8-3 Register

5. Enter all required information then click on "OK".

Note: Fields with * are required to fill in.

6. Backstage system will automatically send an email with the verification code to your registered email address to help you complete the registration.

8.2 Version Update

Users can click on the Update button to upgrade APP software, diagnostic software, maintenance software and coding software of S7W.

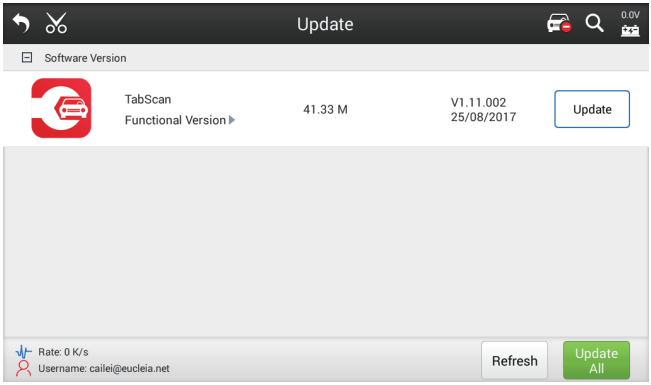


Figure 8-4-1 Software Version Update

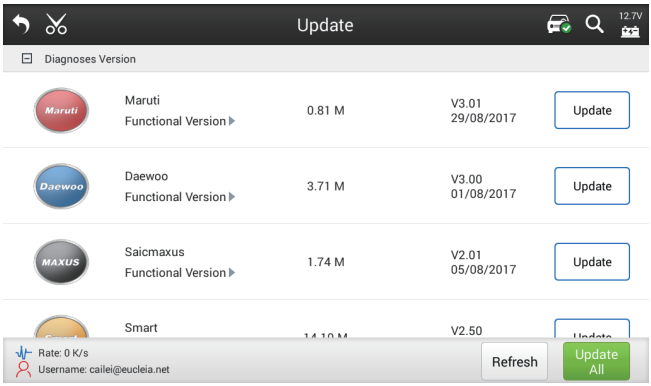


Figure 8-4-2 Update

- **How to update software?**

1. Turn on TabScan S7W and make sure it has enough power and connect to stable Internet connection;
2. Click “Update” button after registration is completed;
3. Check all available update:
   - Click "Update All" button to update all programs;
   - Click the right column button of the model software to update the selected model software;
4. Click “Pause ” to pause the update, Click again to continue updating.
5. The system will automatically install the firmware after update is complete. New firmware version will replace the previous one.

Chapter 9: Data Manager

Data manager menus used to save, print or view saved file. There are 4 main sub-menus under Data Manager.

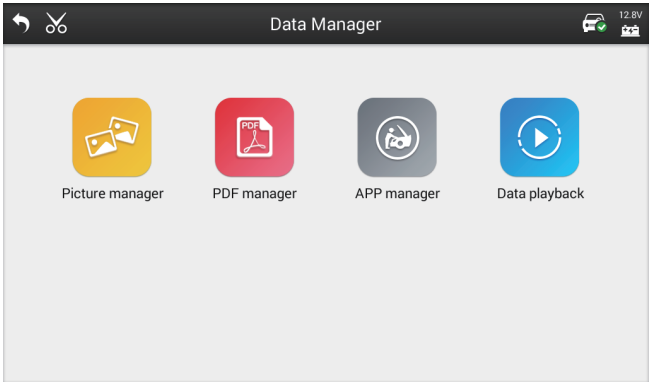


Figure 9-1 Data Manager

9.1 Picture Manager

This section shows all the jpeg images stored in the S7W.

9.2 PDF Manager

PDF sub-menu consists of all the saved PDF documents in the device.

9.3 APP Manager

APP Manager function is used to manage all the software from S7W device easily. User can delete unused software.

- **How to delete software?**

1. Select “Data Manager” from the main menu, then select “APP Manager”;
2. Check all available APP, select the software which need to be deleted by choosing the corresponding icon then click the “Delete” button to delete the software.

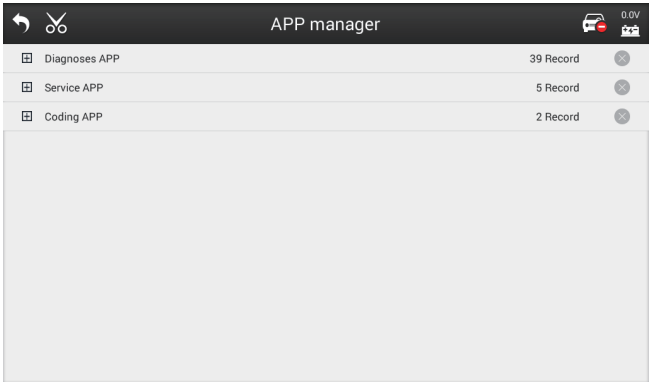


Figure 9-2-1 APP Manager

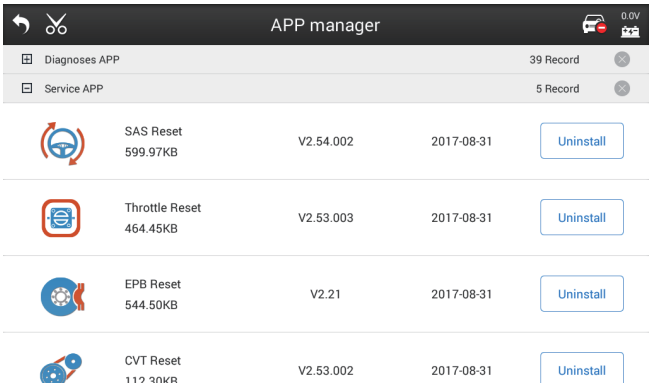


Figure 9-2-2 APP Manager

Note: Complete the update from the “Update” page to restore the deleted software. Refer to Chapter 8.2.

9.4 Data Playback

The features helps users play back and delete the recorded data stream information.

Chapter 10: Shop Manager

Users can not only view the test vehicle information, but also can quickly enter the diagnoses interface to conduct a test again. This feature helps to vehicle records.

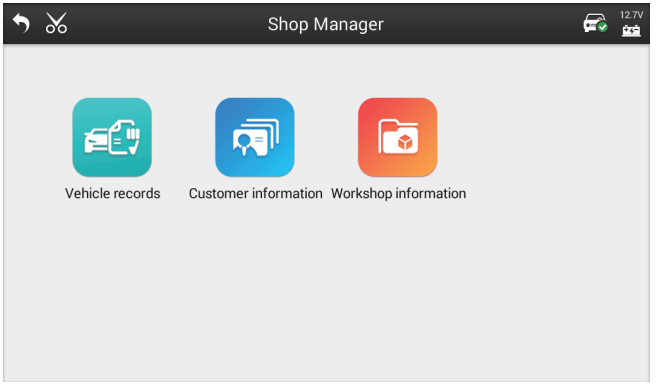


Figure 10-1 Shop Manager

10.1 Vehicle Records

Users can not only view the test vehicle information, but also can quickly enter the diagnoses interface to conduct a test again. This feature helps to vehicle records.

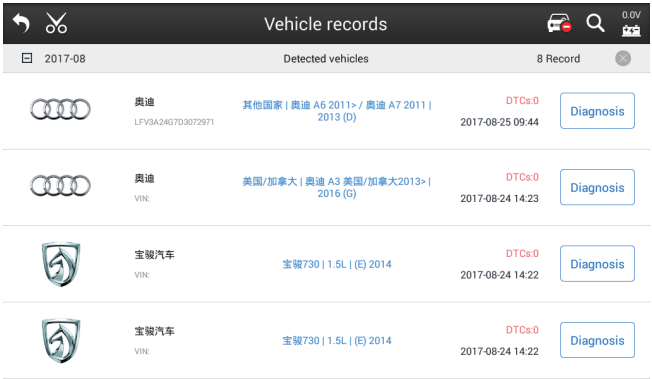


Figure 10-2 Vehicle Records

10.2 Customer Information

The features help users create and edit customer account information. It helps save the test vehicle associated with customer account information and provide great help and convenience to deal with service station daily business.

10.3 Workshop Information

You can edit, enter and save detailed maintenance station information such as service name, address, telephone number and other information on this menu.

Chapter 11: Database

The database library offers a variety of mass car-related information website URL. Users can access information reference by related sites directly from the database library.

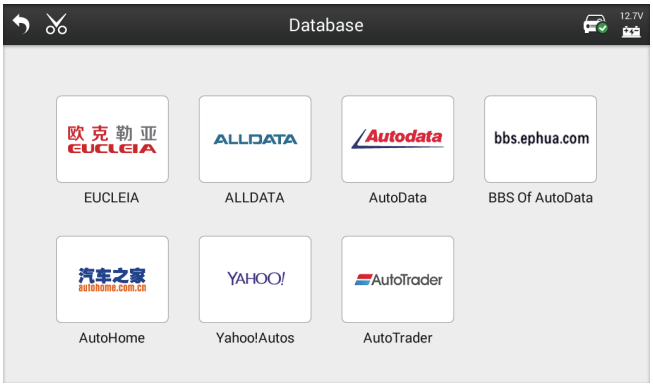


Figure 11-1 Database

Chapter 12: Support

Select “Support” application to check your account, have a data feedback, view common problem, have customer feedback, check hotline and warranty policy, etc.

Account

Account will display user’s personal information, and is synchronized as on-line registered account. The information includes your account, registered time, registered email, etc.

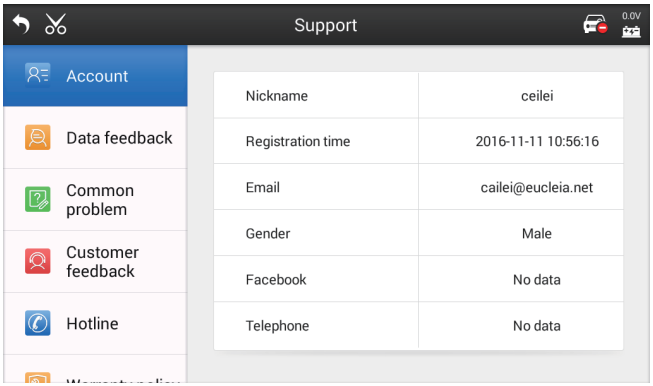


Figure 12-1 Account

Data Feedback

Data Feedback will display and save the data without feedback.

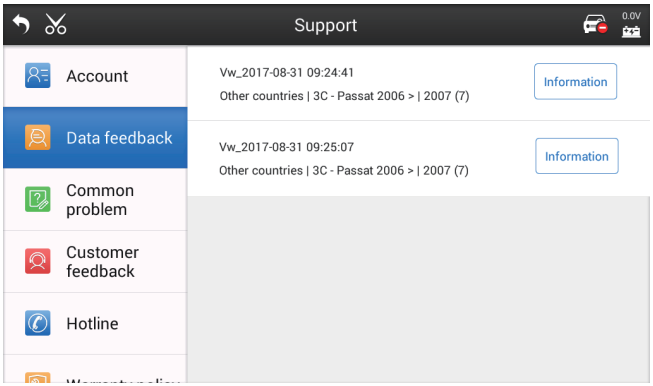


Figure 12-2 Data Feedback

Common problem

Common problem shows some common equipment and car problems.

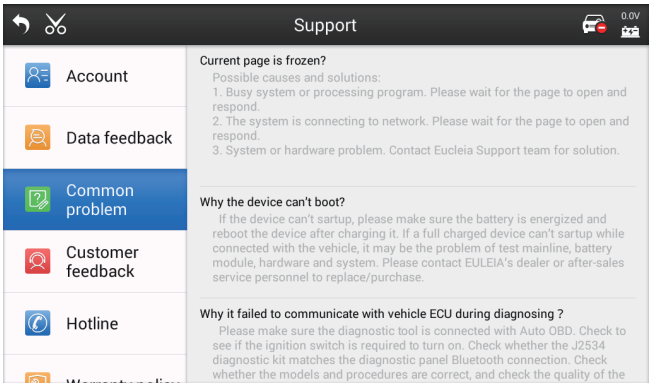


Figure 12-3 Common Problem

Customer Feedback

Customer feedback provides the collection and reply of customers problems.

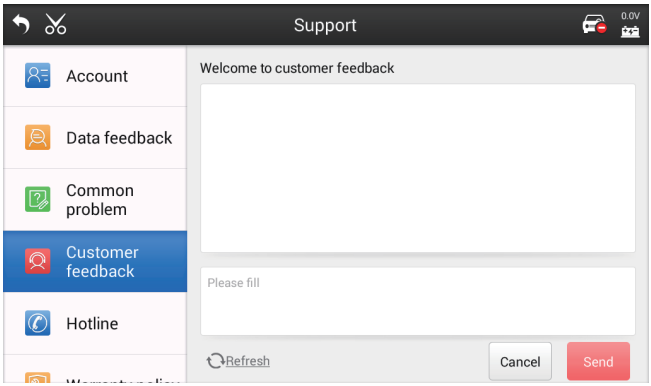


Figure 12-4 Customer Feedback

Hotline (Omit)

Warranty Policy (Omit)

Chapter 13: PCBU Query

Help technicians to inquire about the meaning of the PCBU fault code, help and guide them to repair.

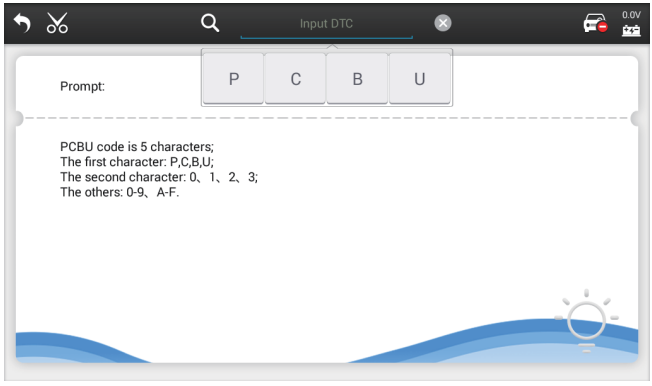


Figure 13-1 PCBU Query

Chapter 14: Remote Assistance

Open “Remote Assistance” to start “TeamViewer Quick Support” procedure. Via TeamViewer Quick Support, users can receive remote technical support services and help from Eucleia's service support center.

14.1 Operation

Computers and mobile devices that run the TeamViewer software program can be identified by unique user ID. When you start remote assistance application for the first time, TeamViewer will automatically generate an ID based on the device characteristics. Make sure that the device is connected to the Internet before starting the Quicksupport so that the tablet can receive remote support from third parties.

Figure 14-1 Quick Support

- **How to receive remote support from partners?**

1. Click on the remote assistance in the S7W menu to open the TeamViewer interface and to generate and display the device ID.
2. our partner must download and install a full version procedure of TeamViewer（http://www.teamviewer.com）and run it on his/her computer.
3. Provide your partner with the TeamViewer generated device ID and wait for a remote control request from him/her.

4. The system will pop up a window after receiving the request, asking you to confirm and allow the remote control of your device.
5. Click【Allow】to accept or click【Deny】to refuse.

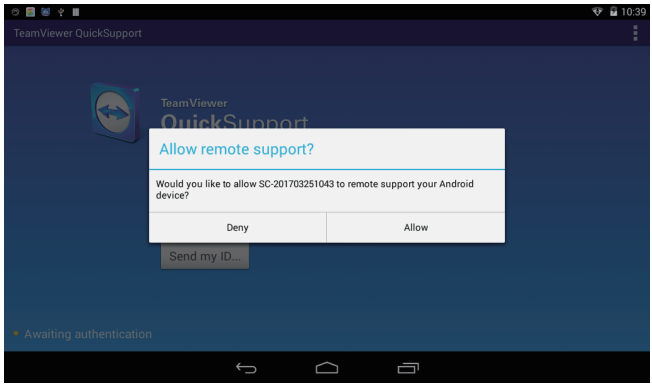


Figure 14-2 Quick Support

Note: For more detail, please refer to relevant TeamViewer official website operating documents.

Statement: EUCLEIA Company reserves the right to change the product design and specifications without prior notice. In addition, if the appearance, color, UI operation interface layout of the goods have a difference with the manuals, please refer to the actual product. If you have any questions, please contact EUCLEIA after-sales service center.

Chapter 15: FAQs

15.1 Registration, Upgrade and Print Issues

Q: How do I check S7W serial number and registration password?

A: Turn the S7W on then click on "Settings". Click on the "About" and you can view the S7W serial number and registration password.

Q: Can the registered password be changed?

A: No. Registration password has been binding within the equipment and cannot be changed.

Q: How upgrade S7W?

A: Via wireless Wi-Fi network connection, click "Update" on the main page.

Q: Why you cannot find the car models you need to upgrade in the software interface?

A: There are no available car diagnostic details under Eucleia system. Eucleia system constantly adding car details on its database. Regularly check the Update menu for any available upgrade.

Q: What is the reason you cannot upgrade the software?

A: The user is not registered successfully. Please register or check the registration if successful.

Q: Why I cannot upgrade after registration?

A: If the registration is successful and cannot be upgraded, it is because the device maybe has not yet completed activation. Please check the network connection and whether the upgrade processes itself have problems.

Q: How do I delete the older version of the software or uninstall the version that has been upgraded on S7W?

A: In S7W "Data Manager" interface, click on the installed software and then select the software you want to uninstall and click "Uninstall" button. After uninstalling, software

models can be found in scalable software interface. For installation, you can choose to upgrade again.

Q: Is there too much software installed to affect the test speed?

A: No, If you do not need all the software, you can choose to install at your needs.

Q: How to do when some models upgrading are slow?

A: The upgrade speed depends on the speed of the vehicle, the size of the model data, and the processing speed of the operating system. During upgrading, the system will delete the original vehicle software data and then install the upgrade version, which need take a relatively long time, please be patient. But it the update stops, then you need check whether the network download speed is normal. If the network download speed is normal but still have above problems, please contact Eucleia Support team for solution.

Q: How to deal with an error message while upgrading?

A: When S7W is upgrading and an error message has showed, check on the network connectivity and make sure it is stable. Otherwise, contact Eucleia support for solution.

Q: How to realize print?

A: 1st : Wireless. Users need to open the network and purchase a wireless printer.

2nd: Bluetooth wireless print. Users need to purchase a printer that supports Bluetooth connectivity.

Q: How to deal with when screen flash, touch screen is out of control?

A: Open settings and help to perform screen calibration; Tear off the screen film; Contact Eucleia Support team for solution if it still work.

Q: How to set S7W internet?

A: S7W is a Tablet PC of network card and WiFi features. Open system settings to collect internet before updating, printing, etc.

Q: Can I buy a TF card from the market? What's the maximum RAM? If a new TF card needs to be formatted? choose what mode when formatting?

A: The market TF card is required has the same models and format as original TF card that can be used in S7W. The current maximum supports up to the 32GB. Before using, the new TF card is suggested to be formatted to prevent virus programs. Please select FAT32 mode when formatting.

15.2 Common Problems When Testing a Car

Q: Current page is frozen?

A: Possible causes and solutions:

1st: Busy system or processing program. Please wait for the page to open and respond.

2nd: The system is connecting to network. Please wait for the page to open and respond.

3rd: System or hardware problem. Contact Eucleia Support team for solution.

Q: Why does S7W fail to communicate with the vehicle ECU during the test?

A: Possible causes and solutions:

Check whether need to turn on the ignition switch, check whether the selected models and procedures are correct, check whether there are quality problems of test connector and test main cable. If there are quality problems, please contact Eucleia after-sale service for solution.

Q: Why it won't work on the same car which worked before?

A: Possible causes and solutions:

1st:Check if the diagnostic connector is loose. If it still won't work, please contact Eucleia Support team for solution.

Q: How to deal with undefined code when testing cars?

A: Reasons as below:

The car testing database doesn't match with the current S7W test system.

Need to download the updated fault code library.

Fault code is new.

Solution:

Check service manual.

Pleasure contact Eucleia customer service.

Q: Using S7W enters into the system to check the system is normal, but the engine has a clear fault phenomenon, How to deal with it?

A: Reasons as below:

1st: Not all faults can be detected, the vehicle diagnostic system can not monitor all components, only through the combination of the various sensors to evaluate the working conditions of the system. The monitoring of the onboard diagnostic system is focused on exhaust emissions. If the engine failure does not affect the exhaust emissions and all controlled parameters in the system are within the effective control range, the vehicle diagnostics system can not diagnose the fault.

2nd: If there is no fault code exists in Automotive ECU memorizer, S7W cannot read fault code.

3rd: Non-electrically controlled parts fault. S7W cannot test mechanical parts failure.

4th: There are problems of detection the models detection, please re-upgrade the vehicle procedure. If it still won't work, contact Eucleia Support team for solution.

Chapter 16: Quick Maintenance & Repair

It is recommended that you read this section carefully to maintain the best working level and status of S7W.

Maintenance Instructions

- Use a soft cloth, alcohol or a mild glass cleaner to clean the tablet touch screen.
- Do not use abrasive cleaners, detergents, or chemicals on the tablet.
- Keep the product in a dry environment and operate it under the normal temperature.
- Please dry your hands before using the product. Wet fingers may affect the sensitivity of the touch screen.
- Do not store the device in wet, dusty and corrosive environments.
- Before and after using each time, please check if the housing, wiring, and joints have the dirt or damaged.
- Do not attempt to disassemble the device.
- Do not drop or strike the device.
- Do not use the unauthorized battery, USB charging cable, and other accessories. If using unauthorized batteries, USB charging cable and other accessories resulting in failure or damage, product warranty is voided.
- Prevent the device and the accessories from water and power supply.
- In order to prevent signal interference, do not use the tablet near microwave ovens, wireless phones and some medical or scientific instruments.

Battery

- This product consists of built-in lithium ion polymer rechargeable battery.
- Do not replace the battery yourself. Mistake in battery replacement may cause explosion.
- Do not use damaged charging cable charging.
- Do not disassemble, open, crush, bend, twist, pierce or shredded battery.
- Do not modify or reproduce the battery. Do not insert objects into the battery or placed or exposed to explosive and other hazardous environments.
- Be sure to use standard charging cable package. If using other chargers may lead to device malfunction, warranty will be voided.

- Do not use metal conductor contact with the battery or battery poles butt end, in order to avoid causing the battery to short circuit and electric shock injury.
- Over time, battery life will inevitably be shortened.
- Since overcharging may shorten battery life, please disconnect after charging the battery is fully charged.
- Battery storage in high or low temperature environments may reduce the battery capacity and shorten battery life. Please try to keep the battery within the normal temperature range.
- Avoid dropping the battery. If dropped accidentally, especially down on a hard surface, it may lead to cell damage. To ensure safety, if you are not sure whether the battery is damaged, please take it to a service center for inspection before re-use.

Quick Maintenance Guide

- When the tablet is not working.
  1. Make sure the product is registered.
  2. Make sure the system software and diagnostic applications are properly updated.
  3. Make sure the tablet is connected to the Internet.
  4. Check all cables and LEDs to ensure the equipment receives proper signal.

- When Unable to turn on the tablet and/or cannot be charged.
  1. Make sure the tablet is plugged in or the battery is fully charged.
  2. Charging cable may be damaged, please contact your local dealer for a replacement.
  3. The power when charging the product maybe too low or too high.
  4. Please replace the charging environment.
  5. Products may not be properly connected to the charging cable, check the connectors.

Note: If you had tried the above measures and the problem still remains and unsolved, please contact Eucleia technical support or your local sales agent.

Chapter 17: Service Procedures

Product Acceptance

Please open the packaging to check when receiving the package. Do check the quantity and quality according to the packing list. If there is missing, damage and other unpredictable situation, please keep all the documents and immediately notify Eucleia company or local dealer. Otherwise, view as a waiver of claim.

Technical Support

If you have any questions or issues during operation of this product please:

- Contact your local distributors or agents
- Access www.eucleia.net
- E-mail to eucleia@eucleia.net
- Call China Mainland Hotline: +86 755 2747 0220

Purchase Service

You may purchase Eucleia products and accessories directly from an authorized retailer or local distributor.

Your order form should contain the following information:

- Contact information
- Product or Accessory Name
- Item Description
- Purchase quantity

Repair Service

If the device needs repair, please fill service form:

- Contact name
- Contact number
- Return address
- Product name, model, serial number, purchase date and other relevant information
- Complete description of the problem
- Proof of purchase (warranty card)

Repair Charge

- Charge range. Within the warranty period, repair is free of charge unless the cause of damage is human inflicted.
- Fees. Prices depends on issue.
- Charge confirmation. If needed, repair charge will be informed to the customer before repairing the product. Customer confirmation is needed based on the repair cost before a work could be done.
- Shipping Charge. Within the warranty period, customer pay their own shipping expenses to Eucleia, and Eucleia responds for the shipping fee that send back to customer. After the warranty period, all shipping cost is under customer's responsibility.

After-sale Service

If you have any questions or issues during operation of this product please contact as below:

- **Working Time**

  Monday to Friday: 09:00a.m.-12:00a.m.; 14:00p.m.-18:00p.m.; Except for statutory holidays.
- **Hotline**

  Hotline:400-0755-143

  Technical Support: +86-18306696759

  Call China Mainland Hotline: +86-0755-2747-0220

  Email: support@eucleia.net

- **Send the device to your local distributor or dealer or to the following address:**

  5th Floor, F2 Building, Huafeng Industrial Zone, Hangcheng Road, Baoan District Shenzhen, China

  Postal Code: 518126

SHENZHEN EUCLEIA TECHNOLOGIES CO.,LTD

Address: 5th Floor, F2 Building, Huafeng Industrial Zone,
Hangcheng Road, Baoan District, Shenzhen, China
Tel.: +86 755 2747 0220 Fax: +86 755 2976 6161
E-mail : eucleia@eucleia.net
Web: www.eucleia.net