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## Warranty and Limitation of Liabilities

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*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 situation which, 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: 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 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 tool functions. It supports systematic diagnosis of 130 car brands within Asia, Europe and America. Diagnostic functions for mainstream models includes car maintenance, vehicle anti-theft matching, brush hiding configuration and other special services. The T6 J2534 diagnostic box has more than 26 original diagnosis and preparation functions. Working it with the TabScan S7W achieves Dual-mode diagnosis for a more comprehensive result. TabScan S7W is a diagnostic tool for pre-service and after-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 is consist 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 box to establish the communication and complete the diagnosis function

## 1.1 About S7W

### 1.1.1 Introduction

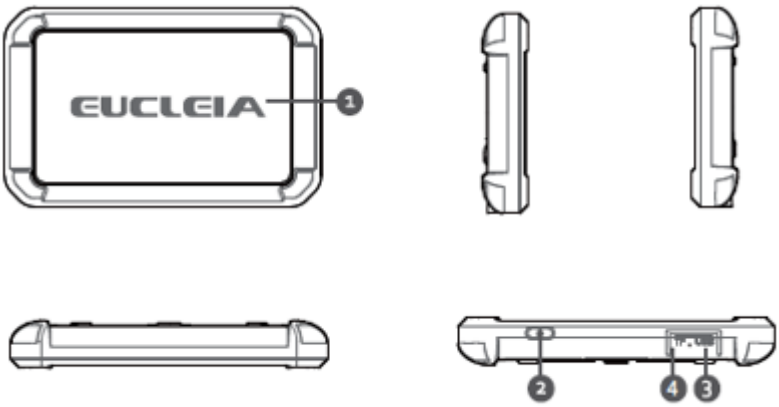



Figure 1- 2 S7W Tablet Diagnostic Equipment

①Screen：7-inch touchscreen LCD.

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

③USB Port：Charging port.

④Card Slot：TF card storage slot.

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

### 1.1.2 Technical Specifications

| | |
|---|---|
| Processor& Chipset | MTK6582 1.3 GHz quad-core ARM Cortex-A7 |
| RAM | 1GB |
| ROM | 8GB |
| External Storage Expansion | TF interface, standard 16GB, external expansion Max 32GB |
| Charging Method | Supports battery power and can be charged through the USB charger |

| | |
|---|---|
| Battery Capacity | 7500mAh 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<br>Working Temperature：-20-60ºC<br>Working humidity：10%~90%<br>Storage Temperature：-30-85ºC<br>Storage humidity ：<80% |

## 1.2 About J2534 Diagnostic Box

### 1.2.1 Introduction

Side view

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

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

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

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

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

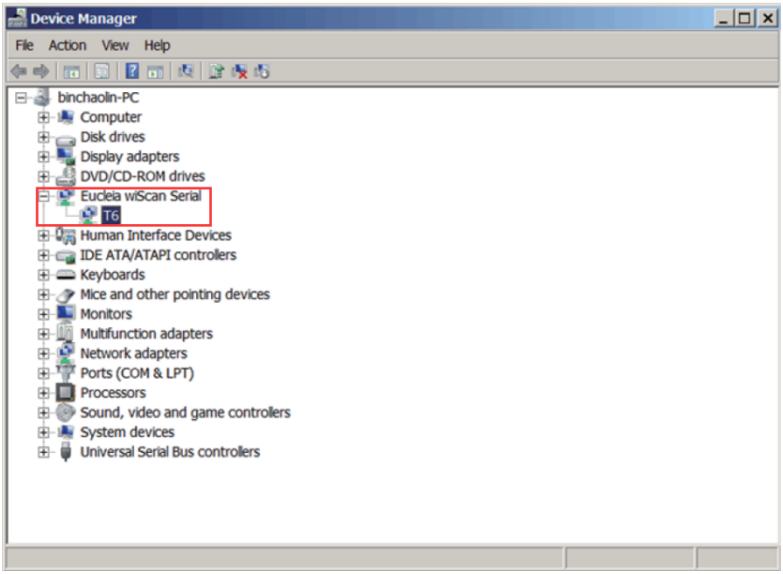
⑥USB interface: wiScan connection port with the original manufacturer software through PC or laptop.

### 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 |
| Runtime Environment | Windows XP、Windows 7/8/10 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 mainline connected with vehicle, USB connected with PC |

| | |
|---|---|
| Dimension | 145mm*85mm*29mm |
| Weight | 200g |
| Supporting Protocol | ISO-9141 K-Line<br>ISO-14230 K-Line<br>ISO-15765 CAN<br>ISO-11898 DWCAN<br>SAE-J1850-VPW（GM Class2）<br>SAE-J1850-PWM（FORD SCP）<br>SAE-J2411 Single Wire CAN（GMLAN）<br>SAE-J2610 SCI（Chrysler）<br>SAE-J2740 GM ALDL<br>SAE-J2809 (HONDA DIAG-H)<br>VAG TP16 CAN<br>VAG TP20 CAN（SAE J2819）<br>VAG KW81（SAE J2818）<br>BMW DS2<br>FORD UBP |
| Working Environment | Input Voltage：DC 7V~18V<br>Working Current：<300mA@DC 12V<br>Working Temperature：-20 to 70°C<br>Storage Temperature：-40 to 80°C (-4 to 158 °F)<br>Working Humidity：10%~90%<br>Storage Humidity：<80% |

## 1.3 Fitting Introduction

### 1.3.1 Test Main Cable

J2534 diagnostic box is compatible with the vehicle through test mainline connected OBD ii/EOBD and to gain power. After establishing communication between J2534 box and vehicles through test mainline, J2534 box 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:

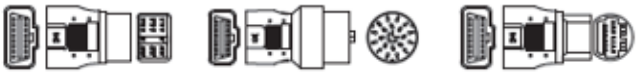


Figure 1-5 Connector

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

### 1.3.3 Other Fittings

| Product Name | Specifications | Qty |
|---|---|---|
| TF Card | TF card is originally installed in TF card slot by default. It stores operating system, application software and data file.<br>（Except for maintenance, try not to remove the TF Card） | 1 |
| Mini USB Connector | 1.Charging by connecting Charger.<br>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

- Diagnosis function: Read DTCs, clear DTCs and read data stream.
- Service functions: ABS Bleeding, EPB Reset, Service Reset, CKP Learning, Throttle Reset, SAS Reset, Battery, CVT Reset, TPMS, 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.
- Brushing Hiding 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 box can be connected to the vehicle diagnostic interface through the test mainline and obtain the power supply function from the diagnostic interface.
- Computer Power Supply：The J2534 diagnosis box 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 is displays  , it indicates that charging has been completed and the connection of the power adapter to the power outlet can be disconnected.

5. Disconnect the charger from S7W.

### 2.1.2 Battery

- 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 you do not use the diagnostic tablet, press the starting button on the top right of the screen to lock the screen.
- Shorten the screen standby time: Enter the main menu, select "Settings"→ "device"→"show"→"sleep", set a shorter standby time.
- Reduce screen brightness: enter the main menu, select "Settings"→"equipment"→"display"→"Brightness" to set.
- Set “Dynamic Wallpaper” to 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. Whilst on, press and hold the power button and tap on “Power off” to turn it off.

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 S7, it recommended initial product setup, registration and upgrade, see "Settings" and "Update" relevant chapters.

## 2.2.3 Application Menu

Users can begin using the S7 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 |
|---|---|---|
| Diagnosis |  | Operate and perform vehicle diagnosis procedures. |
| Service |  | Operate and implementation of vehicle maintenance program. |
| Settings |  | Displays system settings and device information. |

| | | |
|---|---|---|
| Update |  | Register, download and install the latest software update. |
| Support |  | Personal account validation. |
| 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. |
| Wi Manager |  | Manage Bluetooth pairing and firmware kernel upgrade. |
| PCBU Query |  | Provide technicians with PCBU fault code search and help to guide in maintenance. |

| | | |
|---|---|---|
| Remote Assistance |  | Provide remote technical support to help you solve the problem quickly. |
| Connection Status |  | Connection successful. |
| Connection Status |  | Not connected or connection is broken. |
| Battery Voltage |  | Current car battery voltage. |

## 2.2.4 Operating System

The S7 runs in a standard Android operating system. Third-party applications can also be downloaded and run on this device.

EUCLEIA will constantly update the operating system. Please update in the Wi-Fi environment.

## 2.2.5 Switch off and Reboot the device

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

*Note: Please stop or disconnect all vehicular communication before switching or rebooting the S7.*

## 2.3 Locking and Unlocking 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).

Note：

- 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 hit to touch the screen.
- Please click on the desired item of menu button with your finger to confirm your selection or launch applications.
- Slide the screen horizontally or vertically for selection. For example, you can slide left and right to select the program menu.

# Chapter 3: Wi Manager

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

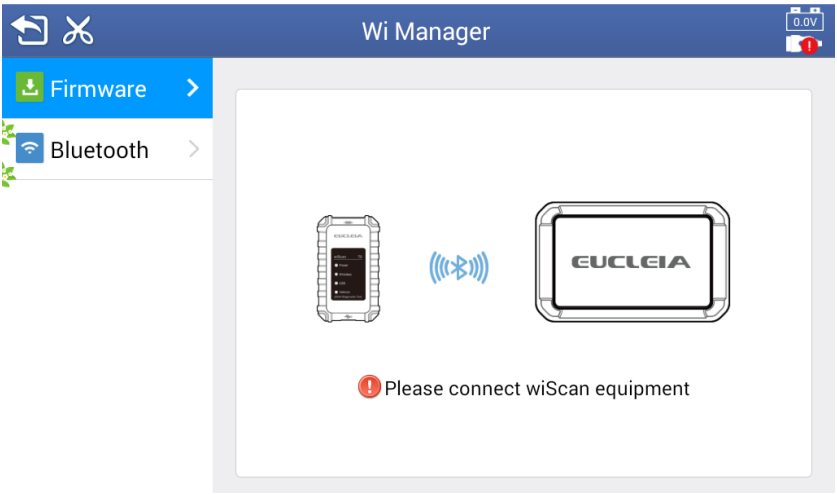



Figure 3-1: Wi Manager

## 3.1 Bluetooth Pairing

For first time use of "Automotive diagnosis" and "car maintenance", the diagnostic tablet and the J2534 diagnostic box must establish a communication connection. Before performing the pairing, the J2534 diagnostic box 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 box.

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

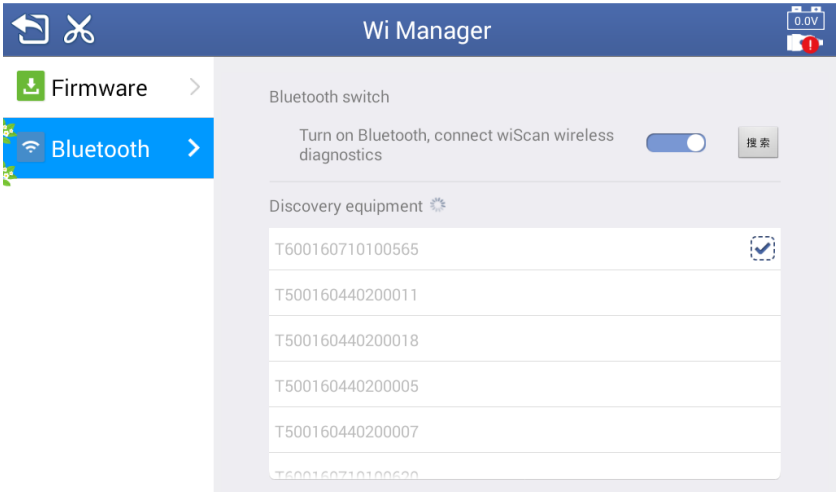



Figure 3-2 Bluetooth pairing.

Note: if the J2534 diagnostic box 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 box, 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 box, the device name is displayed in the form of the J2534 diagnostic box 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 box flashes continuously and make a tick sound which indicates successful Bluetooth pairing between diagnostic tablet and the J2534 box 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 box is connected to each other by default.

## 3.1 VCI Upgrade

This option provides the firmware version retrieved and update. The system will automatically retrieve the latest updates when S7W is connected to the Internet. Install the software update by update application download.

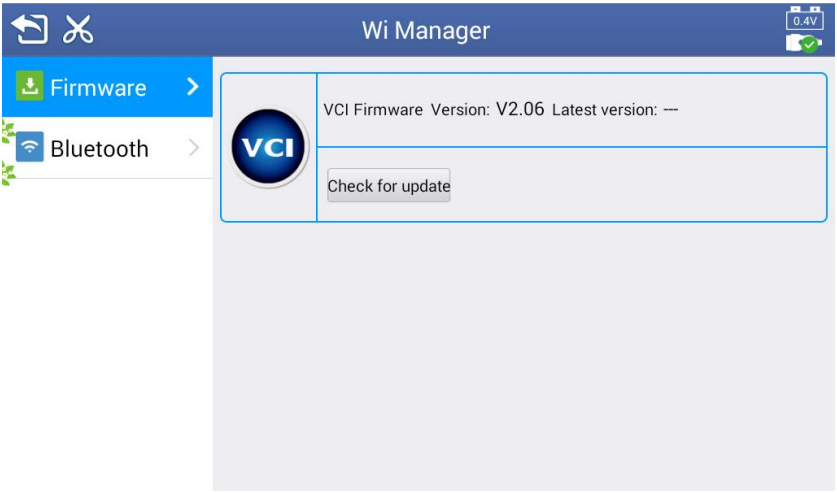



Figure 3-3 VCI Upgrade.

# 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.

## 4.1 Establishing Vehicle Connection

The execution of diagnostic program operation requires the use of the test main line to connect the J2534 diagnostic box 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 box is connected to the vehicle diagnostic base for communication and power supply.

2. Establishing communication between the J2534 diagnostic box and the diagnostic tablet by Bluetooth pairing. （ See Bluetooth pairing, please check the chapter--“Wi manager”）

3. Check communication condition between diagnostic tablet and J2534 Diagnostic box from the upper right corner “Status icon“.  indicates not connected and  indicates successful connection and can start automotive diagnosis.

### 4.1.1 Connecting the Vehicle

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

#### Connecting OBD II Vehicles

Connecting OBD II Vehicles need to use test mainline and don't need 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:*

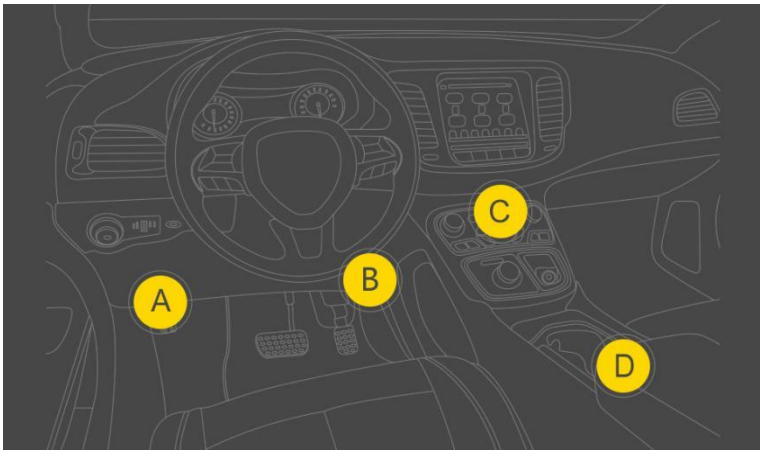



Figure 4-1 OBD Connector Locations.

- 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 vehicle

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

1. Connect the test cable (female) to vehicle data port of J2534 diagnostic box 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 box

After the J2534 diagnostic box 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 box. The effective working range of Bluetooth communication is about 10 meters, so you can more easily and conveniently carry out vehicle diagnosis in the maintenance workshop. The diagnostic tablet can be matched with each J2534 diagnosis box 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---" Wi Manager".

## 4.2 Getting Started

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

### 4.2.1 Models menu layout

*Note: Various diagnosis processes and interfaces are slightly different. This manual only refers*

*to Audi models as an example.*

1. Once the test cable is connected with the car and the ignition is ON, you may start the diagnostic process.

2. On the Application menu, tap the Diagnosis icon to begin. If the device is unable to automatically identify the vehicle, car brand options will be displayed on the next page for selection.

3. Once the test cable is connected with the car and the ignition is ON, you may start the diagnostic process.

4. On the Application menu, tap the Diagnosis icon to begin. If the device is unable to automatically identify the vehicle, car brand options will be displayed on the next page for selection.

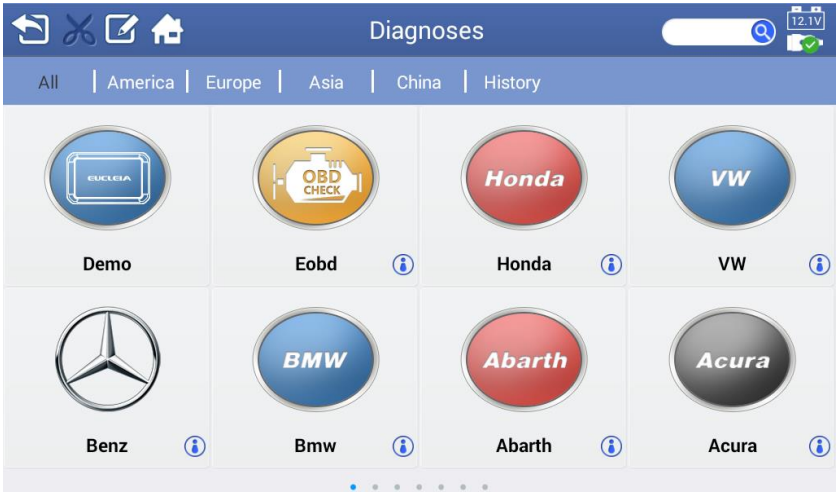



Figure 4-2 Models menu layout.

## 4.2.2 Diagnostic interface layout

When automatic or manual information access is required for diagnosis, the final

diagnosis system will enter the main interface. It will then changed according to each stage of operation changes. Mainly displaying diagnostic information and menu corresponding to the vehicle diagnostic system.

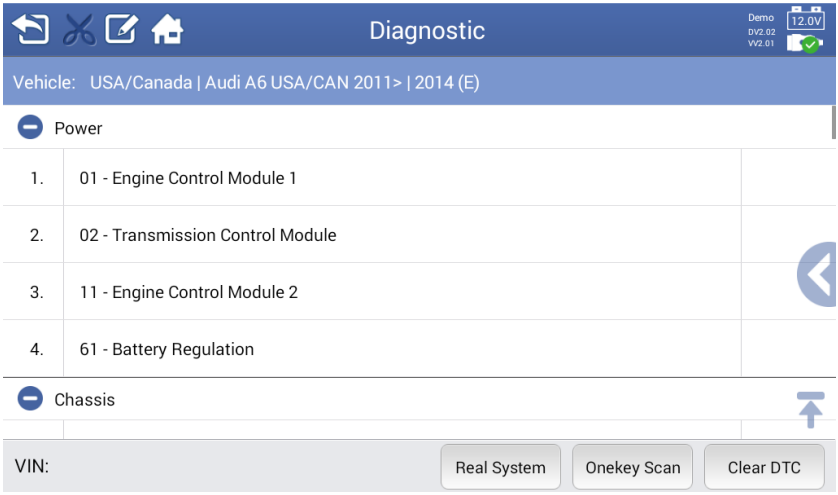



Figure 4-3 Diagnostic interface.

## 4.2.3 Navigation Buttons

The following table describes the operating functions of the navigation buttons in the diagnostic menu:

Table 4-1 Navigation buttons

| Name | Icon | Description |
|---|---|---|
| Return |  | Return to the previous page |

| | | |
|---|---|---|
| Home |  | Return to the main menu |
| Screen-shots |  | Taking a page snapshot |
| New version reminder |  | Models or special function available update reminder |
| Model list |  | Check the present models or special function available |
| Inquiry |  | Fault code query |
| ECU status |  | Uncensored |
| ECU status |   | There is a fault code and the number of DTCs |
| ECU status |  | The system does not exist |
| ECU status |  | ECU state has been detected in the system, but the system cannot accurately locate |
| Data acquisition |  | Record vehicle's communication code and ECU information |
| Log save |  | Click button to save the data in the device |
| Upload log |  | Click the button to send the log to technical support center by the Internet |
| Settings |  | Open the Settings interface |
| On-Top |  | On-top the selected data stream |

| | | |
|---|---|---|
| Checkbox |  | Show selection / all data streams |
| Recording |  | Recording data stream |
| Print |  | Save and print the data displayed |

### 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 an error message will be displayed.

## 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 Identification

The S7W has an in-built automatic identification function.

- Once “Diagnosis” menu is selected, the device will automatically scan for the vehicle’s brand and model.

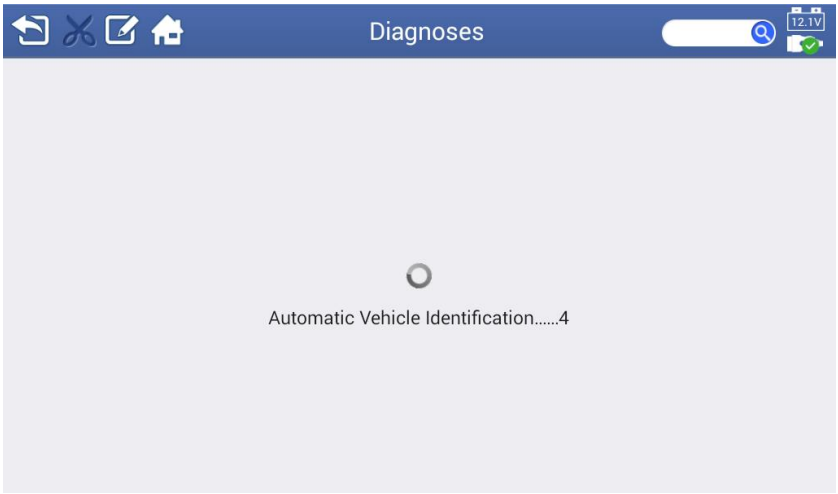



Figure 4-4 Automatic Identification

- After successful vehicle identification, the system will move directly to the “Diagnostic” screen.

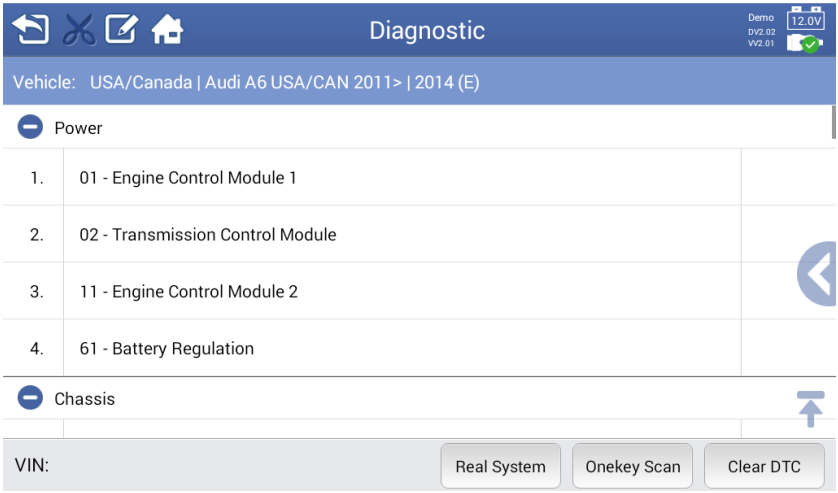



Figure 4-5 Diagnostic Applications.

## 4.3.2 Manual VIN Identification

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

- Select the car brand.
- Tap the input box to type the correct VIN. VIN consists of 17 alphanumeric characters.

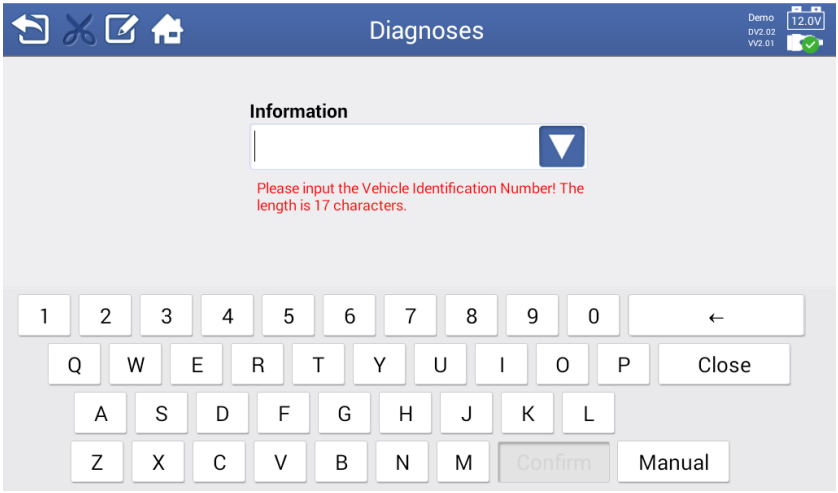



Figure 4-6 Manual VIN Input Interface.

- Click confirm. The system will then identify the inputted VIN. After successful vehicle identification, the system will move directly to the “Diagnostic” screen.
- If VIN is not available, click on “Menu” to proceed to Manual vehicle selection 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.

- When VIN is unknown, click on “Menu” and the next screen will show the “Vehicle Information Select” screen.

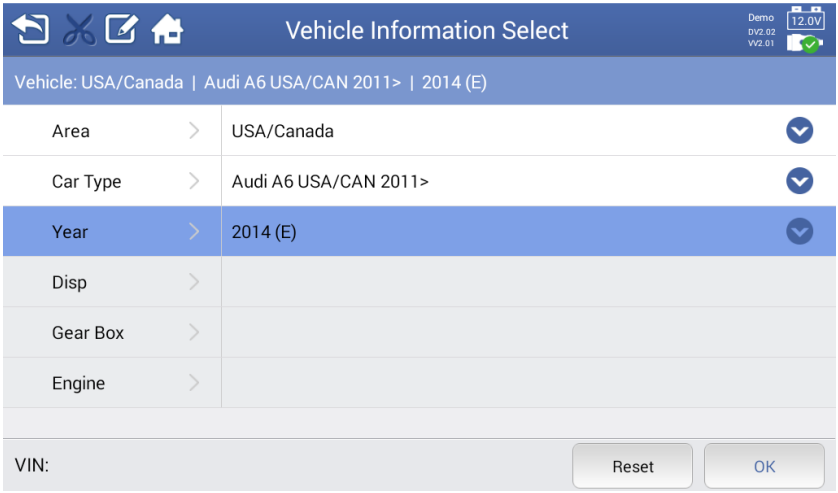



Figure 4-7 Vehicle Information Select.

- Select the needed vehicle information such as Area, Car Type, Year, etc. then click on OK.
- After clicking on OK and once the vehicle is recognized, the page switches to "Diagnostic" screen.

## 4.4 Diagnosis

### 4.4.1 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.

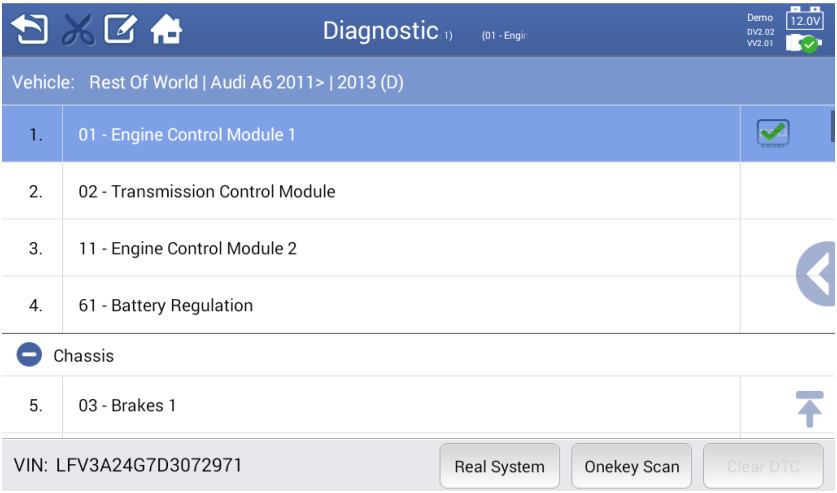



Figure 4-8 Single System Scan Operation.

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

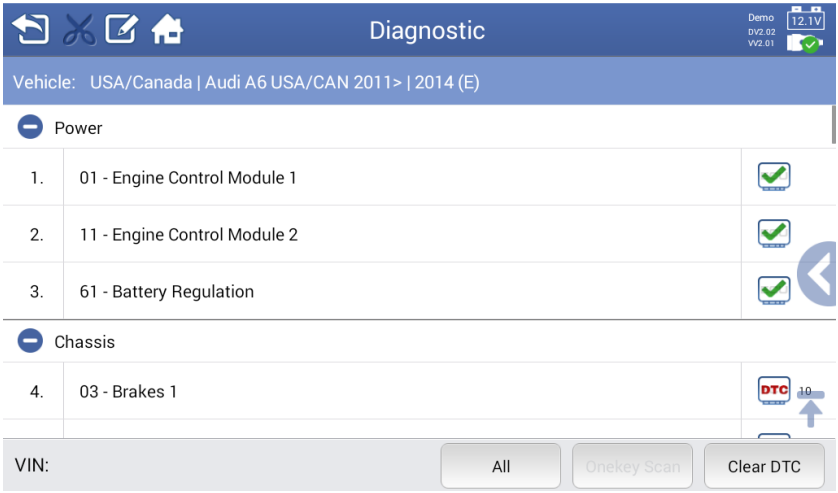



Figure 4-9 One-key Scan Operation.

## 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.

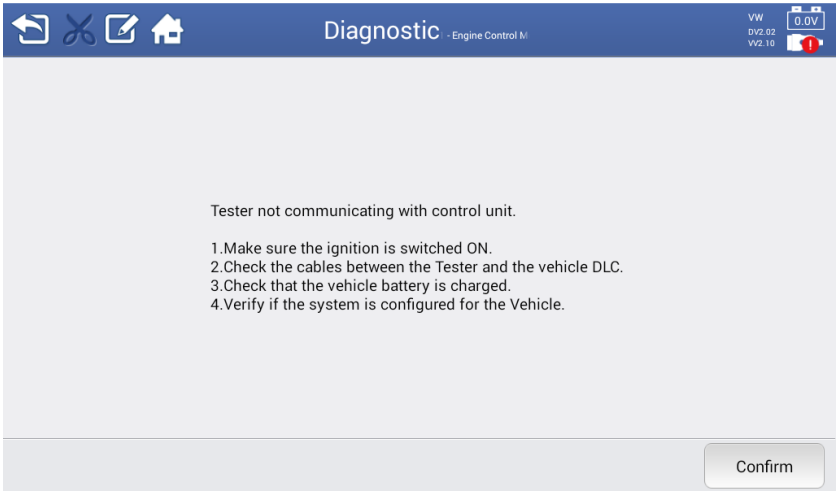



Figure 4-10 Communication Failure.

- 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 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.

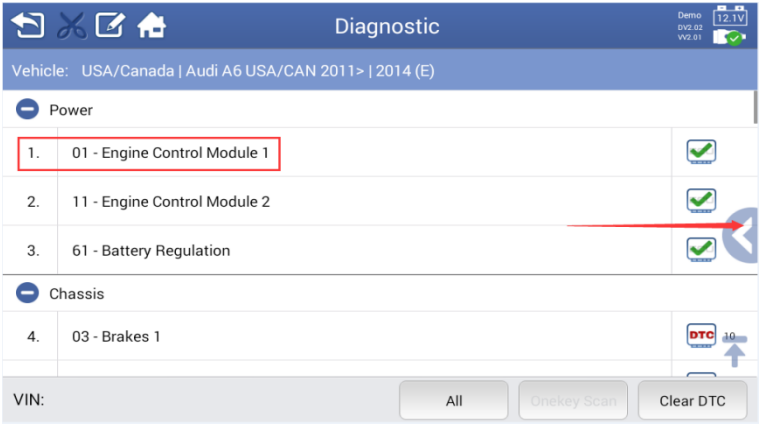



Figure 4-11-1 Electronic Control System Menu.

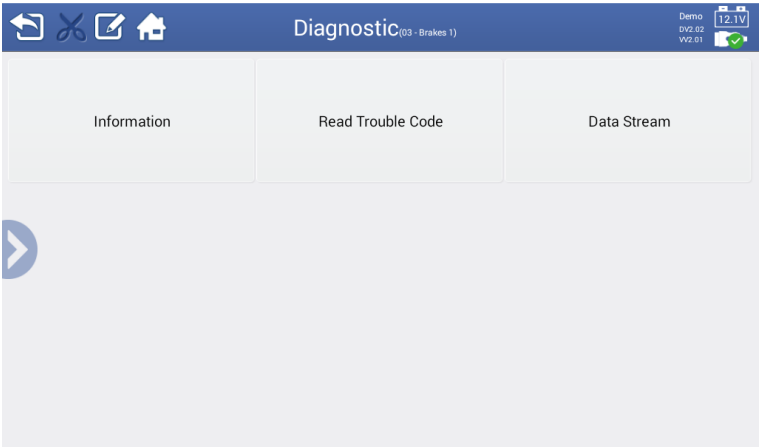



Figure 4-11-2 Function Menu interface diagram.

The main function varies on every vehicle. Usually it includes the following:

- Read ECU. Reads and displays information of the retrieved ECU.

- Read DTC. Read and displays the fault code retrieved from vehicle control module.
- Clear DTC. Clear fault codes detected from the record of the electronic control module as well as other data.
- Data Stream. Read and display data flow and parameters in vehicle ECU.

### 4.4.4 Reading ECU Information

This feature reads and displays specific module information which includes the type of control unit, VIN and other specifications.

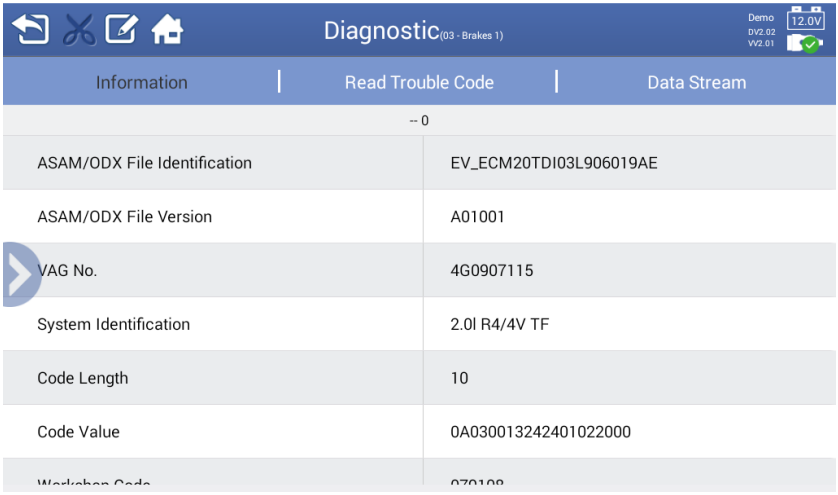



Figure 4-12 ECU Information.

### 4.4.5 Read DTC

This feature reads and displays the fault code retrieved from the vehicle control system.

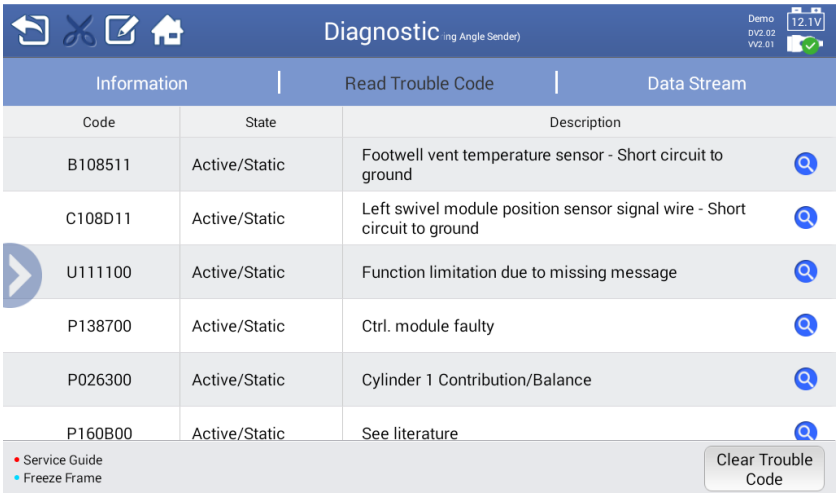



Figure 4-13 Read the Fault Code.

- 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).

### 4.4.6 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.

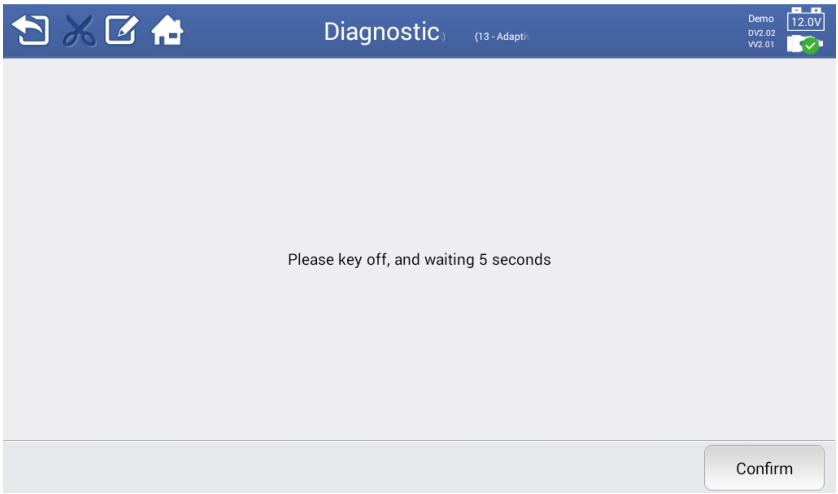



Figure 4-14 Clear the Fault Code.

To clear DTC, click on clear DTC button. A warning message appears on the screen prompting to turn off the ignition key and wait for 5 seconds. Click “Ok” to proceed on the clearing process and “Cancel” to exit.

### 4.4.7 Read 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 Audi cars.

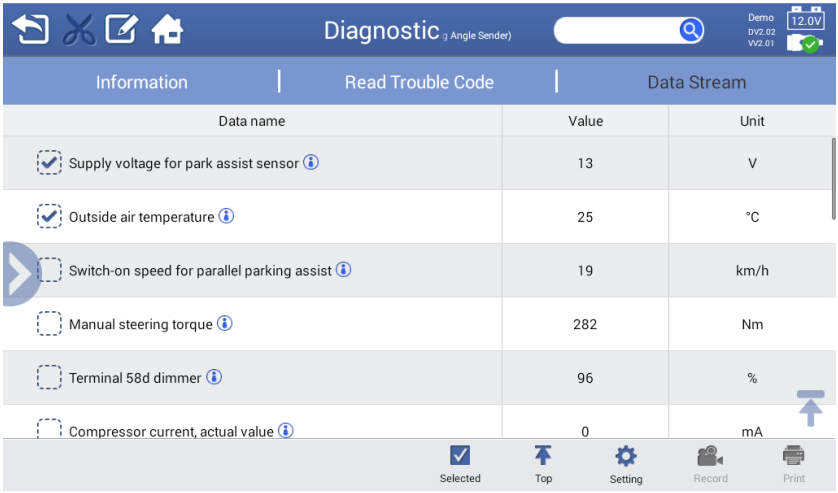



Figure 4-15-1 Read Data Flow Diagrams of the Interface.

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 4-15-2Read Data Stream.

1. Diagnostic toolbar buttons. See section 4.2.3 navigation buttons for the definition of each button.

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 it.

b) 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. Two 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 (Click the setup button from the diagnostic toolbar to setup displays the parameter values unit. As described in

Chapter 5.1 setting unit)

## 4.5 Exit the Diagnostics

While running the diagnostic interface click on the  to stop diagnostic session.

Click on the  button to exit the program and return to the TabScan S7W main interface. At this point, you may exit the TabScan S7W diagnostic software and return to Android system main screen.

*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.*

# Chapter 5: Service Function

Service can quick access the vehicle system and do 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.

Service functions includes ABS Bleeding, EPB Reset, Service Reset, CKP Learning, Throttle Reset, SAS Reset, Battery, CVT Reset, and TPMS.

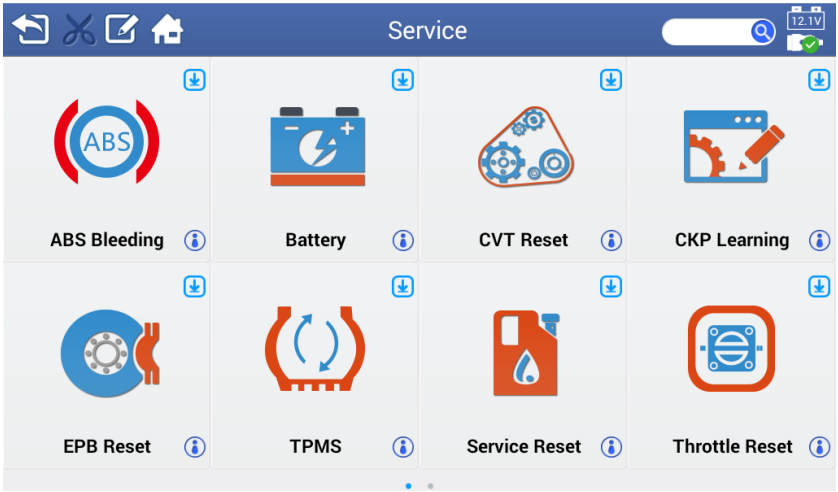



Figure 5-1 Special Function.

## 5.1 Functions Description

This chapter introduce the 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

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.

## 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

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

### Battery

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, TRW, Mando, Daewoo, Continental, 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.

# Chapter 6: Settings

System settings can be viewed and adjusted under “Settings” menu. The settings menu has six submenus.

## 6.1 Units

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

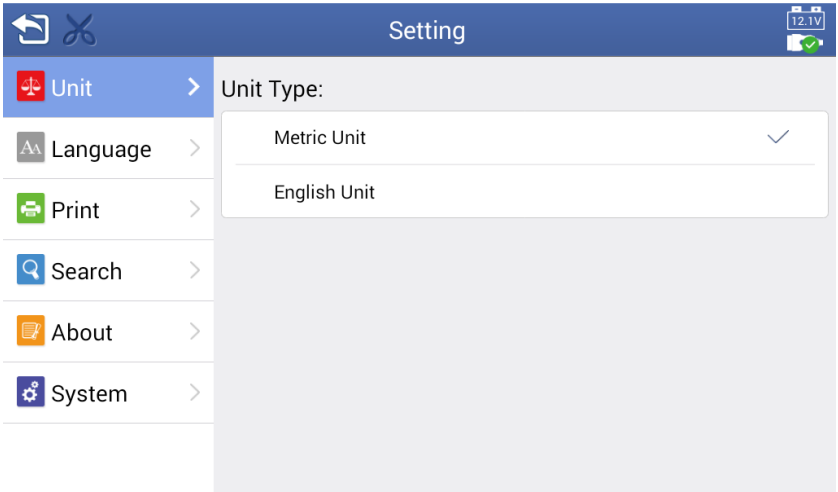



Figure 6-1 Unit Settings.

- Click on the S7W program menu "Settings" application.
- Click on the left of the "unit" option.
- Select the measurement unit: metric or imperial. The selected unit appears on the

right, a "√" icon indicates that the icon you have selected.

- Click on the upper left corner of the "back" button to return to the S7 program menus, or select other options in the settings to set.

## 6.2 Language

There are 7 language versions that needs to be determined before buying.


Figure 6-2 Language Settings.

## 6.3 Print

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

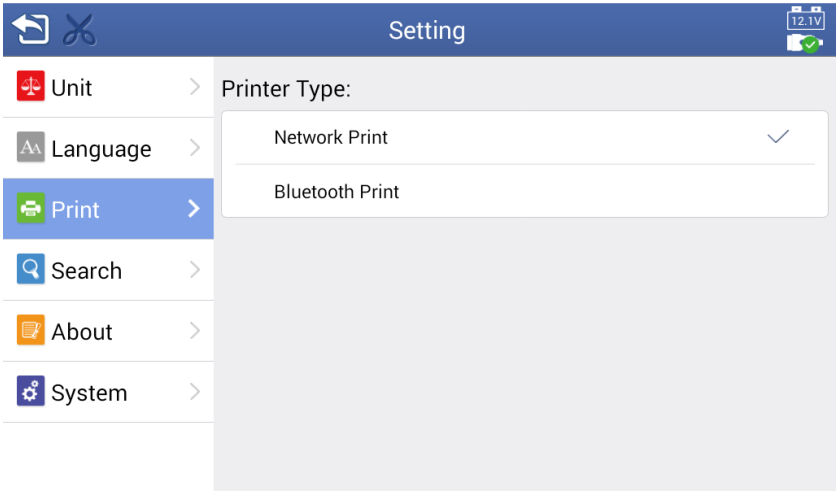



Figure 6-3 Print Settings.

- Click on the S7W program menu "Settings" application.
- Click on the left of the "print" option.
- Select the desired type of print. Select the print connection appears to the right of a "√" icon.
- Select "Network printing" options. Network printing function is activated. The device can connect to a printer through Wi-Fi. Print the desired data file.
- Bluetooth printing option enables Bluetooth printing function. The device can connect to printer via Bluetooth to print the required data file.
- Click on the upper left corner of the "back" button then you will be returned to the S7W program menus, or select other options in the settings to set.
  *Note: Print function is not available in this version, subsequent update version will be available.*

## 6.4 Search Engines

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

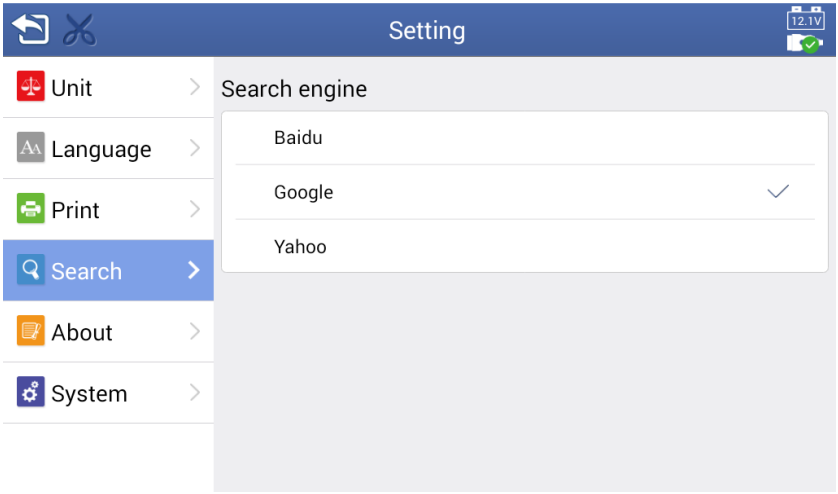



Figure 6-4 Search Engine Settings

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

## 6.5 About

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

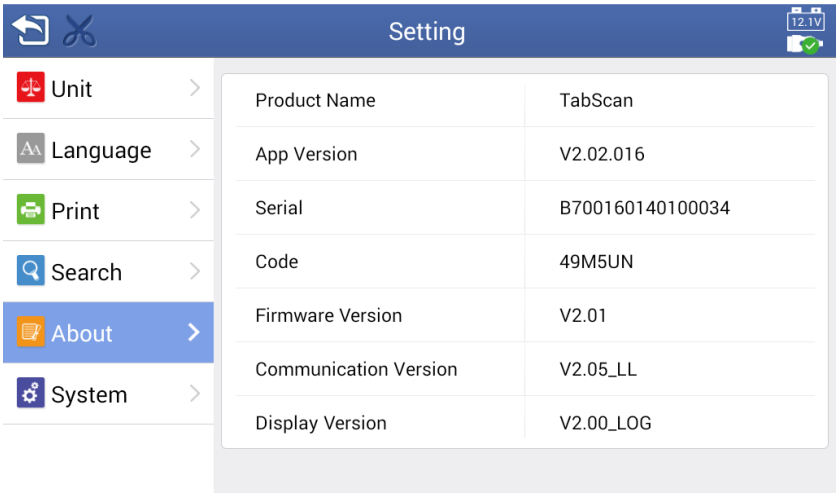



Figure 6-5 About.

- Click on the S7W program menu "Settings" application.
- Click on the left of the "About" option and the right side displays the product information interface.
- Click "back" button to return to the S7W program menu, or select other options in the settings to set.

## 6.6 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 7: Update

## 7.1 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.

1. Click on Update menu.

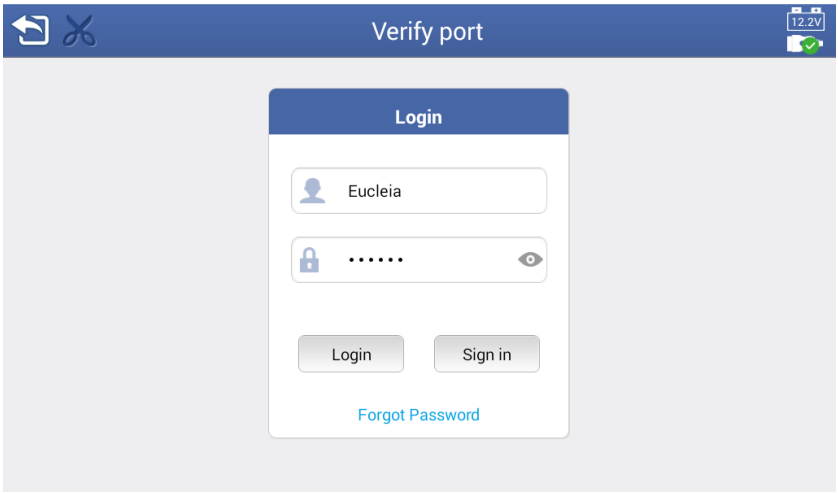



Figure 7-1 Enter.

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.

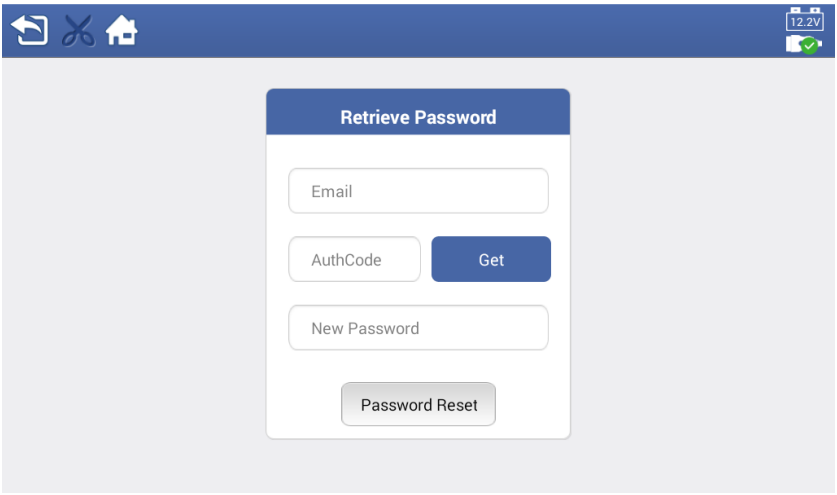



Figure 7-2 Retrieve Password.

4. If you don’t have any account, click on “Sign in” button to register.

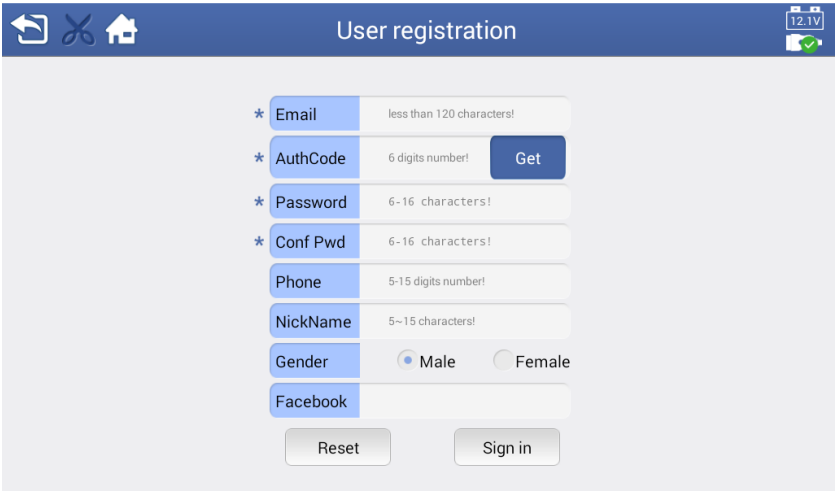



Figure 7-3 Sign in.

5. Enter all required information then click on “Sign in”

*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.

## 7.2 Download, install and update operation process Introduction

*Note: Make sure that the device is connected to a stable internet connection before updating.*

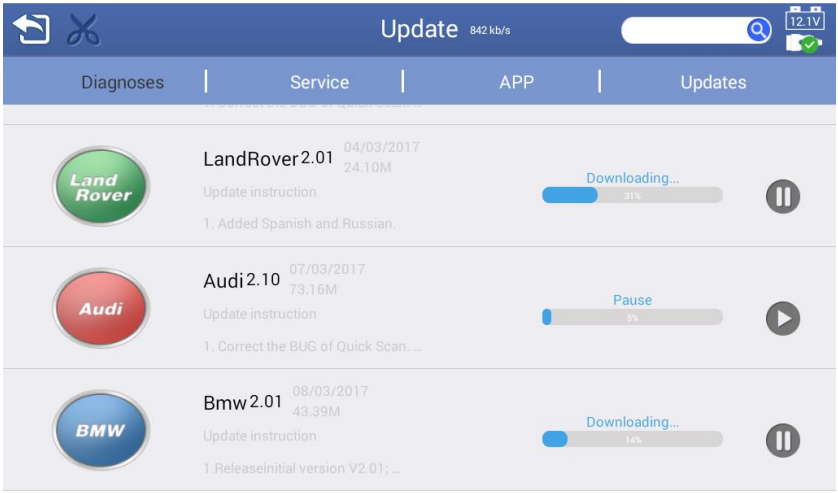



Figure 6-4 Upgrade

1. Back. Back to the S7 program menu.
2. Screen capture. Capture current screen.
3. Inquiry. To query available update software by retrieving the software name.
4. Models software update. Display available software update.
5. Special function update. Display available special function software update.
6. APP update. Display APP software update version.
7. One key update. Update all available software.
8. Pause. Pause all the updating software.

➢ Main interface

1. The left column. Displays the update information of firmware version and describe new updated content of firmware update. Click to display more release version information.
2. The middle column. Displays the update status and update progress.

3. The right column. According to different update operation, status will display different function buttons.
    - ✧ Click “Update” to update the selected software.
    - ✧ Click “Pause” to pause updating program.

➢ How to update software

1. Turn on TabScan S7 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 “One key update” to update all programs.
    - ✧ Click the right column button of the model software to update the selected model software.
    - ✧ Click APP software to start APP software only.

4. Click “Pause” button to pause updating program. 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.

*Update advice: Check the APP version update first, then update the model software and special function.*

# Chapter 8: Data Manger

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

menus under Data Manager.

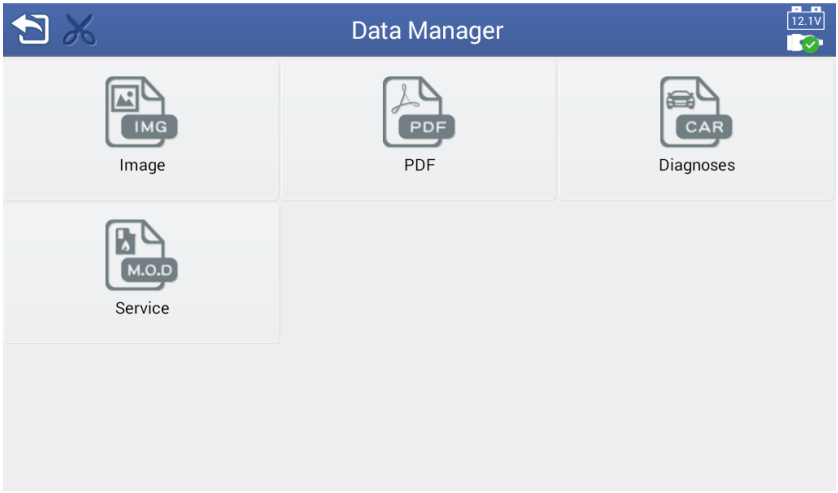



Figure 8-1 Data Manager

## 8.1 Image

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

## 8.2 PDF

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

## 8.3 Diagnoses Manager

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

➢ Diagnoses software delete

1. Select “Data Manager” from the main menu, then select “Diagnosis”.
2. Check all available model software application. Select the model software which need to be deleted by choosing the vehicle brand icon then click the “Delete” button to delete the model software.

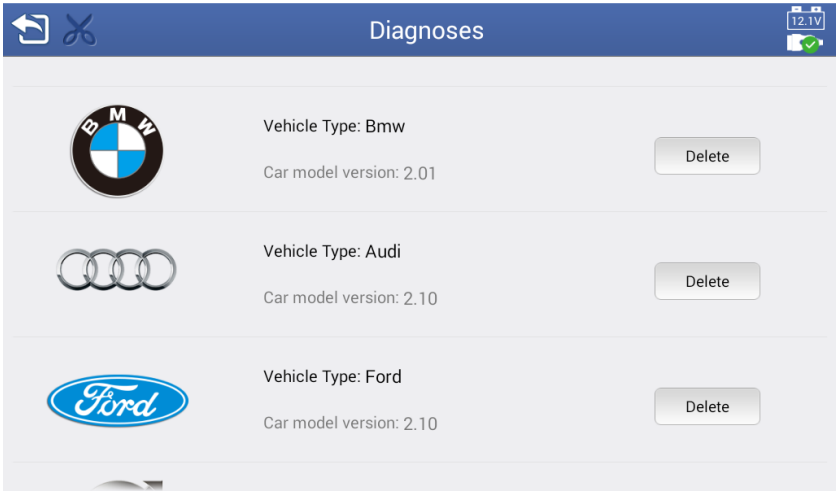



Figure 8-2 Diagnoses Manager

*Note: Complete the update by the “Update” page to restore the deleted software. Refer to chapter 7.2 version update.*

## 8.4 Service Manager

Service Manager function helps you manage all the diagnostic maintenance software on the S7W. Users can delete Service software they don't need.

➢ How to delete Service software?

1. Select "Data Manager" from the main menu, then select "Service".
2. Check all the available special function software applications. Find the corresponding car maintenance function icon to select and delete maintenance software.

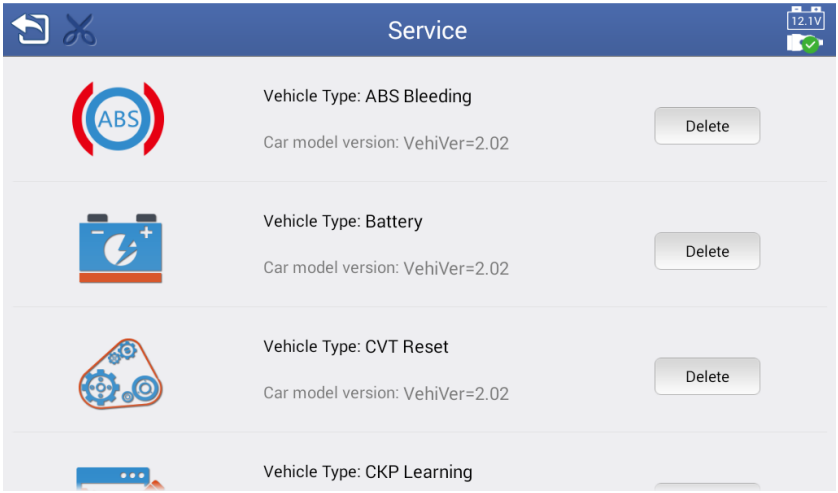
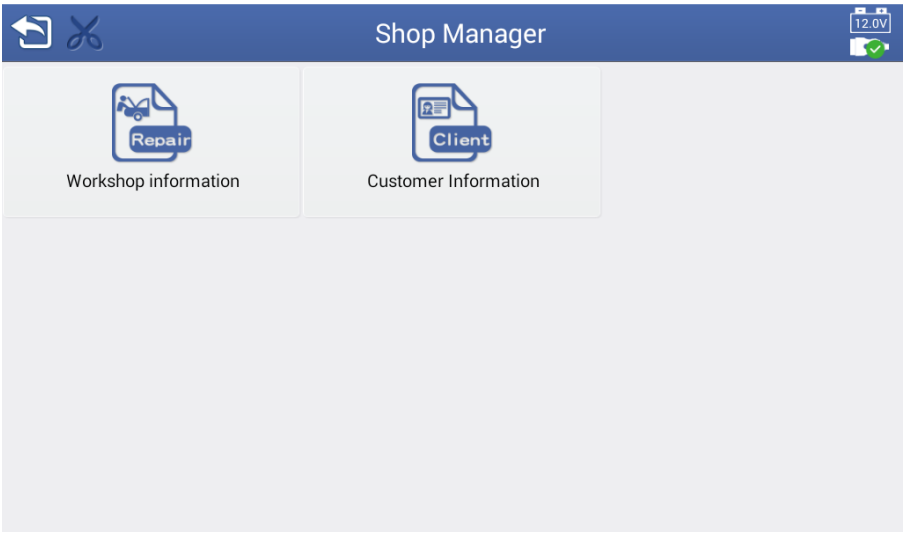



Figure 8-3 Service Manager

*Note: Complete the update by the "Update" page to restore the deleted software. Refer to chapter 7.2 version update.*

# Chapter 9: Shop Manager

Shop manager menu helps to manage service station information, recording customer information and vehicle test history. The application is divided into two management modes.




## 9.1 Customer Information

You can create and edit customer account information on this menu. It helps save the test vehicle associated with customer account information and provide great help and convenience through deal with service station daily business.

## 9.2 Workshop Information

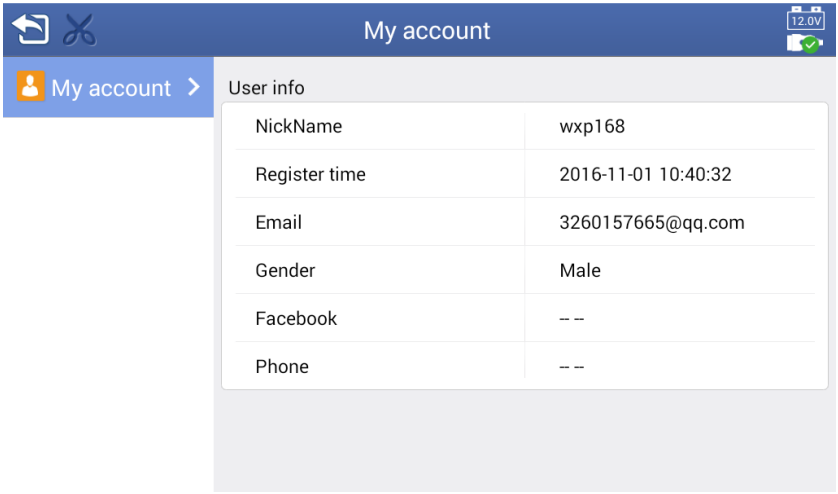
You can edit, enter and save detailed maintenance station information such as service name, address, telephone number and other information on this menu.

# Chapter 10: 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.

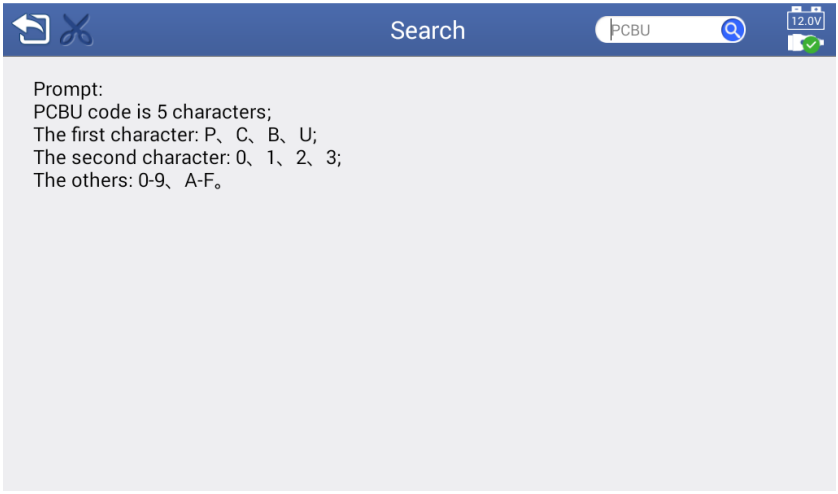
# Chapter 11: Support

My 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.



# Chapter 12: PCBU Query

Provide technicians to inquire about the meaning of PCBU fault code and help guide technician to maintenance.



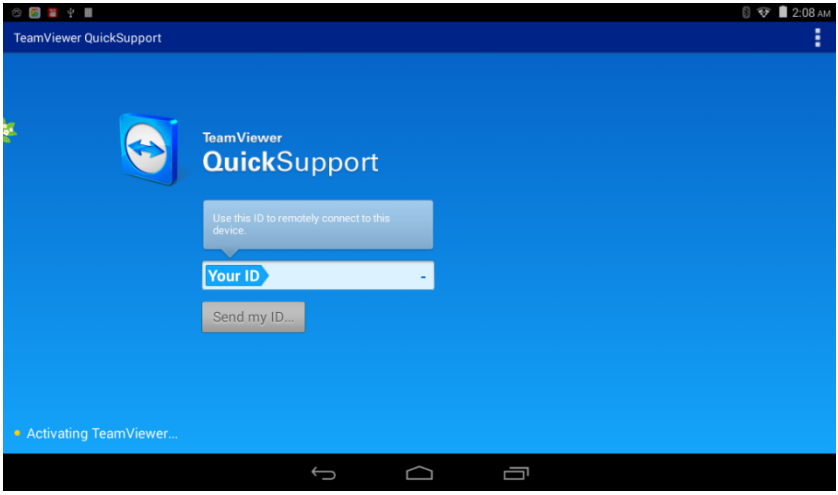
# Chapter 13: Quick Support

Open the Remote Assistance to start the remote control interface TeamViewer quick support program. Through TeamViewer Quick Support, you can receive remote technical support services and help from the EUCLEIA service support center team, colleagues or friends.

## 13.1 Operation

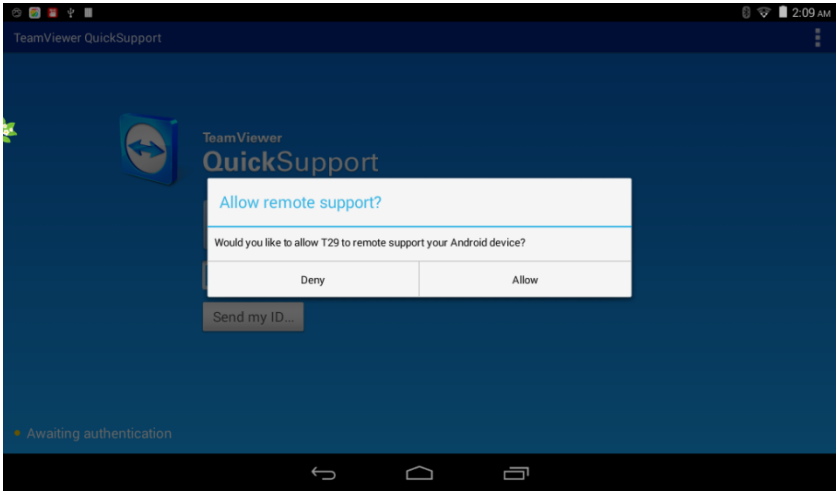
Computers and mobile devices that run the TeamViewer software program can be identified by unique user ID. When you start remote assistance application for the first time, TeamViewer will automatically generate an ID based on the device characteristics.

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.




➢ Receiving remote support from partners.

1. Click on the "remote assistance" in the S7 menu to open the TeamViewer interface and to generate and display the device ID.
2. Your 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.




*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 14: Maintenance and Service

To make sure that the S7W works at a reliable state, we recommend to carefully read and following the maintenance instructions in this section

## 14.1 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.

## 14.2 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. Please replace the charging environment.
    4. Please replace the charging environment.
    5. Products may not be properly connected to the charging cable, check the connectors.
    6. Make sure that the diagnostic tablet and the J2534 diagnostic box have Bluetooth pairing successful.

*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.*

## 14.3 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.

# Chapter 15: Service Procedures

## 15.1 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

## 15.2 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

## 15.3 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)

Then 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

## 15.4 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.

# Chapter 16: FAQs

## 16.1 Registration, Upgrade, Print problem

- 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.

- Can the registered password be changed?

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

- How to upgrade S7W?

A：Via wireless Wi-Fi network connection, click "Update" on the main page, then click the "download Update button" on the right side of page. The device will automatically complete the upgrade.

- 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 constantly adding car details on its database. Regularly check the update menu for any available upgrade.

- What is the reason you cannot upgrade the software?

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

successful.

- 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.

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

A：In S7W upgrade 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 re-installation, you can choose to upgrade again.

- Will installing many software affect the test speed?

A：Will not have much impact. If you do not need all models of software, you can choose and install according to your own needs.

- How to solve the slow upgrade of some car models when S7W is upgrading?

A：The speed of the vehicle upgrade depends on the internet speed, the size of the data and the processing speed of the operating system. Because the upgrading of S7W will delete the original model software data and then install the upgrade version, so the time will be relatively long, please be patient. However, if the upgrade process stand still for a long time or even stop, you need to take into account whether the network download speed is normal. If the network download speed is normal but still experiencing issues, contact Eucleia support.

- 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, please contact Eucleia support for solution.

- How to print?

A：Two solutions:

1. Wireless network printing: A printer with wireless function is needed.
2. Bluetooth connection printing: A printer with Bluetooth function is needed.

- How to deal with flickering screen and touch screen operation issues?

A：Open the settings and calibrate the screen or remove the protective film. If still unresolved please contact Eucleia support for solution.

- How to set up the network of S7W?

A：The network setting of S7W is the same with tablet settings. Because S7W is a tablet PC which has network card and WiFi function, you need to set up network before surfing on the internet, upgrading, and printing.

- What's largest support for a TF card? Do I need to format the new TF card? Which mode should I choose when formatting?

A：Only the model and format which are the same as the original TF card can be used with the S7W device. Currently, the max memory support 32G. It is recommended to format before using a new TF card which can prevent other virus programs. Please select FAT32 mode when formatting.

## 14.2 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 it failed to communicate with vehicle ECU during testing？

  A: Possible causes and solutions: Check whether the J2534 diagnostic box matches the diagnostic panel Bluetooth connection. If the signal is lost during the diagnosis which cause sudden communication interruption, check whether the signal interference or is beyond the Bluetooth connection range. Check whether the wireless light on the J2534 diagnostic box and the vehicle light is on. Check to see if the ignition switch is required to turn on. Check whether the models and procedures are correct, and check the quality of the test connector and test mainline. If quality problems exist, please contact EULEIA's dealer or after-sales service personnel to replace/purchase.

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

  A: If this occurs, please check whether the diagnostic connector is loose or other problems or contact EUCLEIA's after-sales personnel to solve it.

- Q：How to deal with undefined code when testing cars? What's the solution?

A: Reasons as below:

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

2) Need to download the updated fault code library.

3) Fault code is new.

Solution:

1. Check service manual.
2. Pleasure contact Eucleia customer service.

- When S7W system check result shows normal, but the engine has obvious fault, how to fix it?

A: 1st Reason: Not all faults can be detected. On-board diagnosis system cannot monitor the working conditions of all parts, only through the combination of various sensors to evaluate the system. And vehicle monitoring system is focused on the exhaust emissions. If the fault does not affect the exhaust emission and all parameters in the system are within the range of effective control, then the vehicle diagnosis system cannot diagnose fault.

2nd Reason: If there is no fault code in the ECU memory, the s7w will not read it. ECU needs to determine the analysis and comparison of the integrated circuit element, calculation and confirmation of certain parts of the problem and will produce fault code on inside memory.

3rd Reason: Non-electric control parts failure, such as mechanical parts failure, which S7W cannot detect.

4th Reason: The detection of car models has issues. Please re-upgrade the model program. Please contact EUCLEIA's after-sales personnel to solve it.

- Q: After the Bluetooth pairing is complete, the "icon" on the top right corner still indicates  . And the indicator light on the J2534 diagnostic box does not light up and there is no tick sound.

A：Please exit the main procedures then select the Tabscan desktop icon on the interface. Restart APP or Reboot S7W. If still cannot be solved, please contact EUCLEIA’s after-sales personnel to solve it.