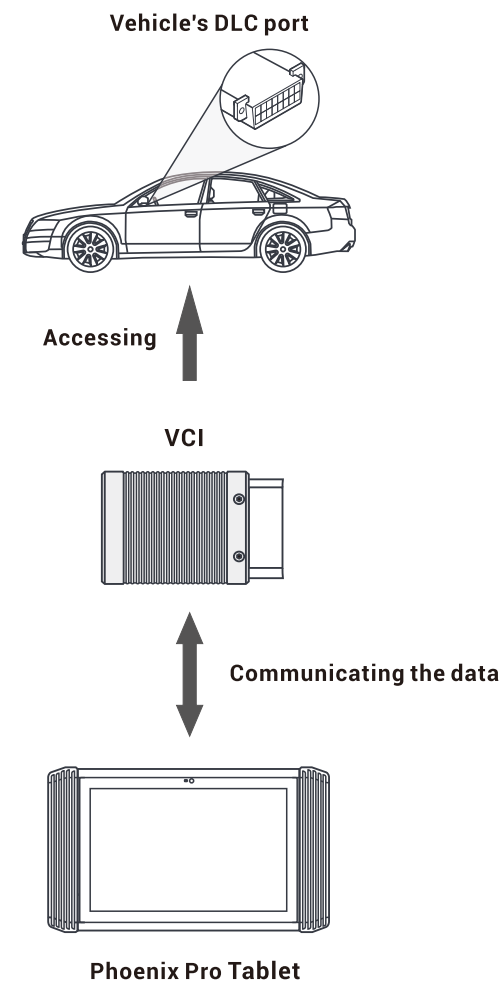# 2. Preparation & Vehicle Connection

2.1 Preparation

- The ignition is turned on.
- The vehicle battery voltage is 9-18 volts.
- The throttle is in the closed position.

2.2 Working Principle

Vehicle's DLC port

Accessing

VCI

Communicating the data
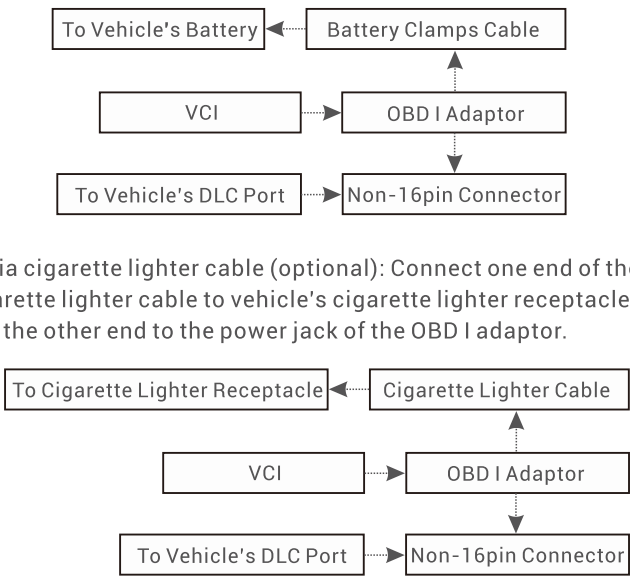
Phoenix Pro Tablet

2.3 Vehicle Connection

1.OBD II Vehicle Connection

Plug the VCI into the Vehicle's DLC port directly, or use the OBDII extension cable to connect the VCI with the Vehicle's DLC port.

2. Non-OBD II Vehicle Connection

For non-OBD II vehicle, proceed as follows:

1. Locate vehicle's DLC port (refer to Section "VCI").
2. Connect one end of the OBD I adaptor to the VCI, and the other end to the non-16 pin connector.
3. Plug the other end of the non-16pin connector into the DLC port.
4. To supply power to the OBD I adaptor by one of the following ways:

   A. Via battery clamps cable (optional): Connect one end of the battery clamps cable to vehicle's battery, and the other end to the power jack of the OBD I adaptor.

To Vehicle's Battery	←	Battery Clamps Cable
VCI	→	OBD I Adaptor
To Vehicle's DLC Port	→	Non-16pin Connector

   B. Via cigarette lighter cable (optional): Connect one end of the cigarette lighter cable to vehicle's cigarette lighter receptacle, and the other end to the power jack of the OBD I adaptor.

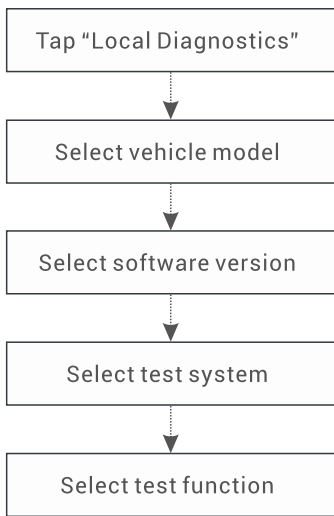| To Cigarette Lighter Receptacle	←	Cigarette Lighter Cable
VCI	→	OBD I Adaptor
To Vehicle's DLC Port	→	Non-16pin Connector

5. If you choose to perform vehicle diagnosis via data cable, connect one end of the data cable into the VCI, and the other end into the USB2 port of the tablet.

3. Start Diagnostics

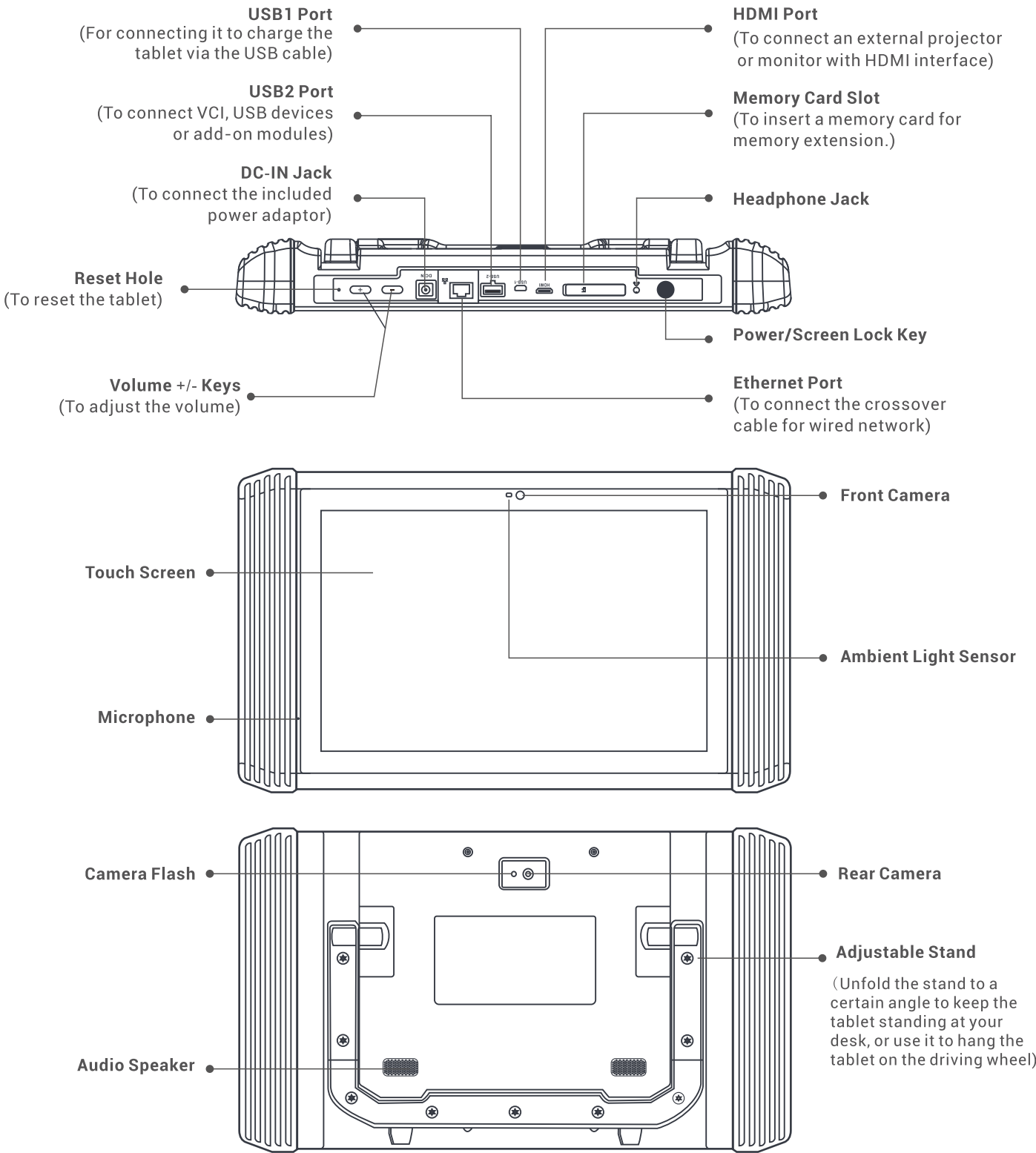Three diagnostic methods are available:

- **Intelligent Diagnostics:**
  The system will automatically guide you directly to the fix and help you eliminate guesswork, without step-by-step manual menu selection.

- **Local Diagnostics:**
  You need to manually select the menu-driven command.

- **Remote Diagnostics:**
  This helps repair shops or mechanics to diagnose a remote vehicle, and launch instant messages, allowing for improved efficiency and faster repairs.

For new users, the Local Diagnostics is recommended as follows:

Tap "Local Diagnostics"
↓
Select vehicle model
↓
Select software version
↓
Select test system
↓
Select test function

Phoenix Pro

There are two main components to the Phoenix Pro system:
Phoenix Pro Display Tablet and VCI (Vehicle Communication Interface).

USB1 Port
(For connecting it to charge the tablet via the USB cable)

USB2 Port
(To connect VCI, USB devices or add-on modules)

DC-IN Jack
(To connect the included power adaptor)

Reset Hole
(To reset the tablet)

Volume +/- Keys
(To adjust the volume)

HDMI Port
(To connect an external projector or monitor with HDMI interface)

Memory Card Slot
(To insert a memory card for memory extension.)

Headphone Jack

Power/Screen Lock Key

Ethernet Port
(To connect the crossover cable for wired network)

Touch Screen

Microphone

Front Camera

Ambient Light Sensor

Camera Flash

Audio Speaker

Rear Camera

Adjustable Stand
（Unfold the stand to a certain angle to keep the tablet standing at your desk, or use it to hang the tablet on the driving wheel)
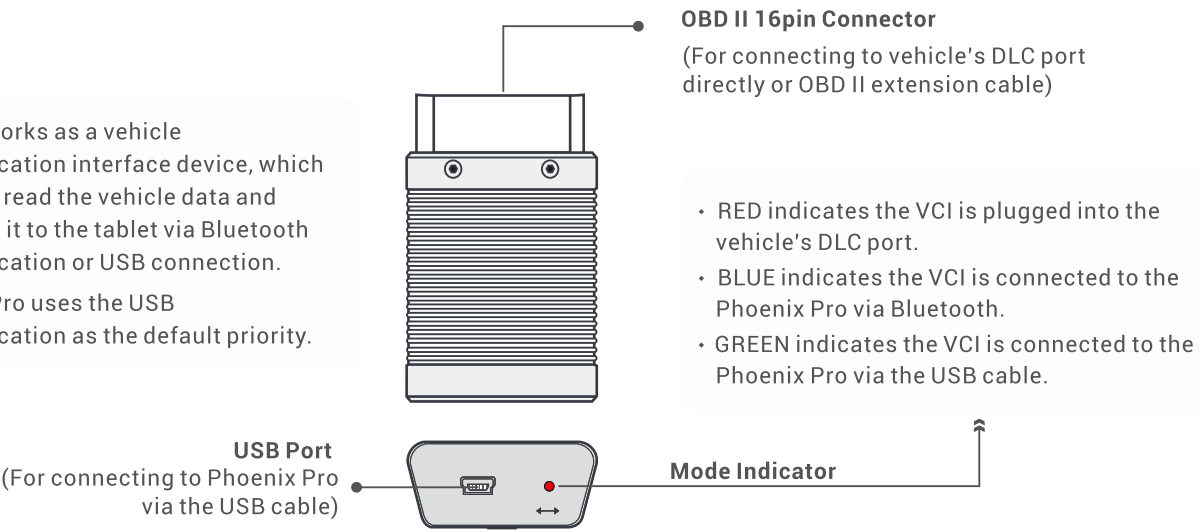
IMPORTANT: Read the instruction carefully and use the unit properly before operating. Fail to do so may cause damage and/or personal injury, which will void the product warranty.

* NOTE: This Quick Start Guide is subject to change without written.

VCI (Vehicle Communication Interface)

OBD II 16pin Connector

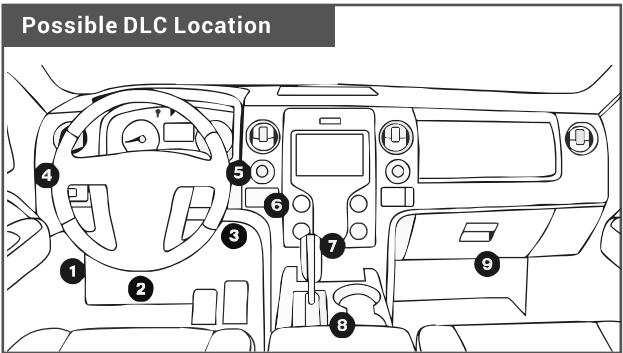(For connecting to vehicle's DLC port directly or OBD II extension cable)

The VCI works as a vehicle communication interface device, which is used to read the vehicle data and then send it to the tablet via Bluetooth communication or USB connection.

Phoenix Pro uses the USB communication as the default priority.

· RED indicates the VCI is plugged into the vehicle's DLC port.
· BLUE indicates the VCI is connected to the Phoenix Pro via Bluetooth.
· GREEN indicates the VCI is connected to the Phoenix Pro via the USB cable.

USB Port
(For connecting to Phoenix Pro via the USB cable)

Mode Indicator

Possible DLC Location

Install the VCI

1. Locate the vehicle's DLC port. See **"Possible DLC Location"**.
2. Plug the VCI into the vehicle's DLC port.

 *For non-16 pin DLC socket, refer to "**Preparation & Vehicle Connection**" for details.

 Remember to unplug the VCI from the vehicle while being idle, and exit all diagnostic processes before unplugging.

Accessory Checklist

The accessories of Phoenix Pro may vary by sales regions, please consult the local agency for details.
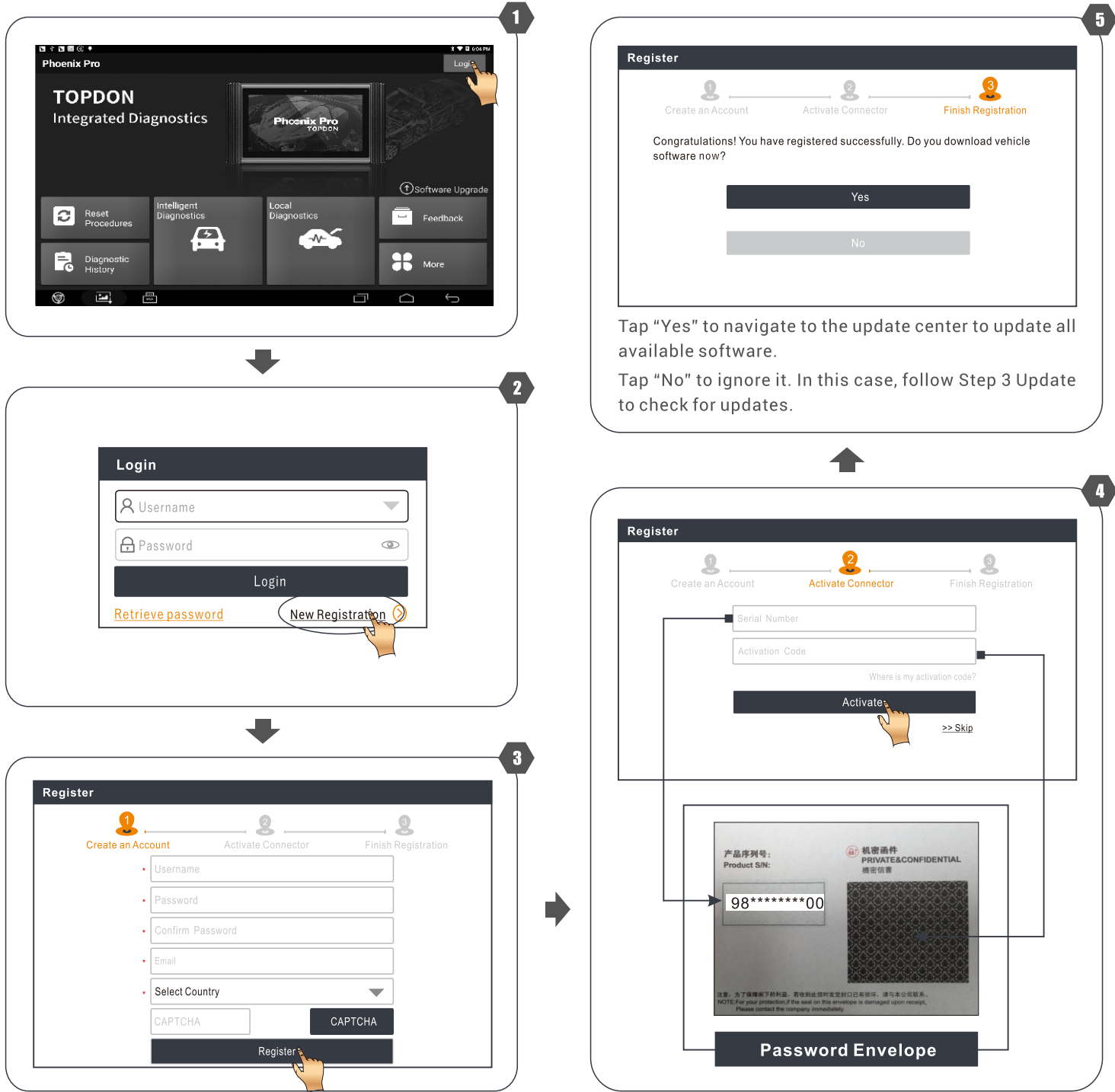
Phoenix Pro Tablet	VCI	OBDII Extension Cable
(A tablet for showing test results.)	(A device for accessing vehicle data.)	(To connect the VCI to the vehicle's DLC port.)
Power Adaptor	**Data Cable**	**OBD I Adaptor**
(To supply power to the Phoenix Pro Tablet.)	(To connect the VCI and Phoenix Pro to perform vehicle diagnosis.)	(To supply power to the VCI through AC outlet.)
Cigarette Lighter & Battery Clamps Cable	**Password Envelope**	**Adaptor Cable Kit**
(To supply power to the VCI through Cigarette Lighter, or the Battery Clamps cable.)	(A piece of paper with S/N and Activation Code, which is needed for your registration.)	AUDI-4 KIA-20 BENZ-14 MAZDA-17 BENZ-38 MITSUBISHI/HYUNDAI-12+16 BMW-20 NISSAN-14+16 CHRYSLER-6 SSANGYONG-14 DAEWOO-12 SSANGYONG-20 DAIHATSU-4 SUBARU-9 FIAT-3 SUZUKI-3 FORD-6+1 TOYOTA-17 GAZ GEELY-22 TOYOTA-22 GM/VAZ-12 UNIVERSAL-3 HONDA-3

1. Register & Update

1. Network Setting

a. Wi-Fi Setup:

 Tap [Settings] --> [WLAN], select the desired Wi-Fi connection until "connected".

b. Wired Connection:

 Connect the Crossover cable to the tablet directly, then tap [Settings] --> [Ethernet], and slide the switch to "ON".

2. Launch the Phoenix Pro application, and register an account:

1

2

Login

Username

Password

Login

Retrieve password   New Registration

3

Register — Create an Account — Activate Connector — Finish Registration

Username
Password
Confirm Password
Email
Select Country
CAPTCHA   CAPTCHA

Register

产品序列号：
Product S/N:

机密通件
PRIVATE&CONFIDENTIAL
绝密信息

98********00

Password Envelope

4

Register — Create an Account — Activate Connector — Finish Registration

Serial Number
Activation Code
Where is my activation code?

Activate

>> Skip

5

Register — Create an Account — Activate Connector — Finish Registration

Congratulations! You have registered successfully. Do you download vehicle software now?

Yes

No

Tap "Yes" to navigate to the update center to update all available software.

Tap "No" to ignore it. In this case, follow Step 3 Update to check for updates.

3. Update

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

Tap [Software Upgrade] on the Job menu.

* NOTE: Make sure the Wi-Fi / Wired Connection is strong and stable while upgrading.