INSTRUCTIONS FOR

V-SCAN PRO MULTI-MANUFACTURER DIAGNOSTIC TOOL

MODEL NO: **VSCANP**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY

Refer to instructions

To prevent personal injury or damage to vehicles and/or the diagnostic tool, read this instruction manual first and observe the following safety precautions at a minimum whenever working on a vehicle:

- ✓ 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.
- ✓ Operate the vehicle in a well-ventilated work area: Exhaust gases are poisonous.
- ✓ Put blocks in front of the drive wheels and never leave the vehicle unattended while running tests.
- ✓ Use extreme caution when working around the ignition coils, ignition wires and spark plugs. These components create hazardous voltages when the engine is running.
- ✓ Put the transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and ensure that the handbrake is applied.

- ✓ Keep a fire extinguisher suitable for petrol/chemical/electrical fires nearby.
- ✗ **DO NOT** connect or disconnect any test equipment while the ignition is on or the engine is running.
- ✓ Keep the scan tool dry, clean and free from oil/water or grease. Use a mild detergent, **DO NOT** use solvent or abrasive cleaners.

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Chapter I Product Introduction

The V-Scan Pro diagnostic tool is a fast wireless multitasking operating system. Includes the most extensive coverage of OE-level diagnostics, allowing independent garages to provide a complete diagnostic service for cars, SUV's and vans.

Software features:

• Read/clear codes

• Live data

• Actuation tests

• ECU and key coding (some vehicles)

• Special functions; Battery Configuration, DPF, Electronic Parking Brake , Oil Service Reset, Throttle Reset, TPMS and more

• Maintenance functions; Technical information and data management

1.2 Care and Maintenance

1.2.1 Storage

1) Store the product on a flat and dry place.
2) Never put the product in direct sunlight or near to a source of heat.
3) Never put the product in a magnetic field.
4) Avoid shock, dust, moisture and extremely high temperature.
5) If main unit is dirty, power off the machine, then clean the housing case

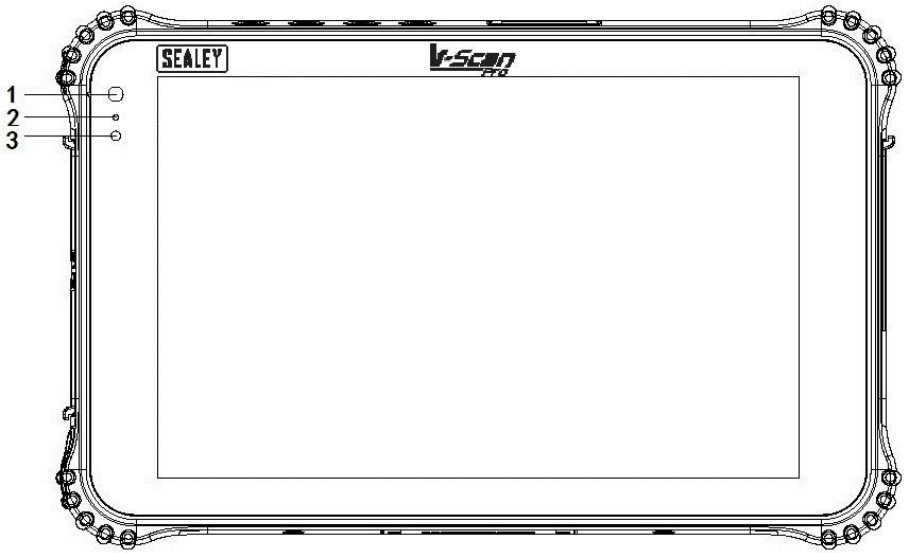
with soft cloth.

1.2.2 Tablet and VCI protection

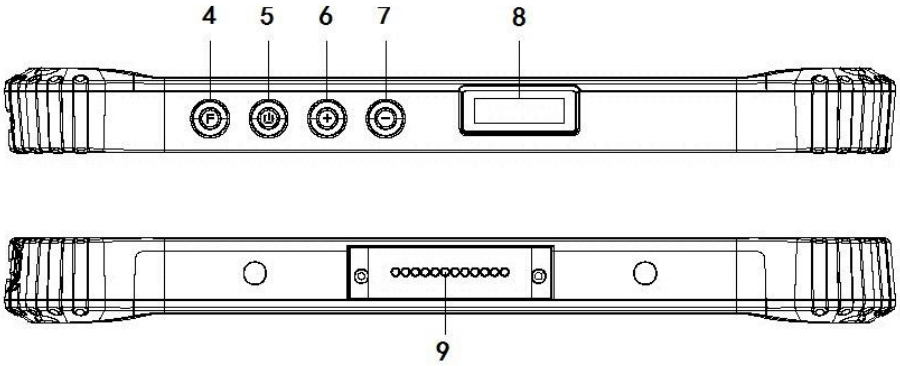
1) Be careful to plug and unplug the main cable and diagnostic connector. Tighten the screws before operation to avoid unexpected disconnecting and/or damage to the diagnostic port.

Chapter II V-Scan Pro Tablet

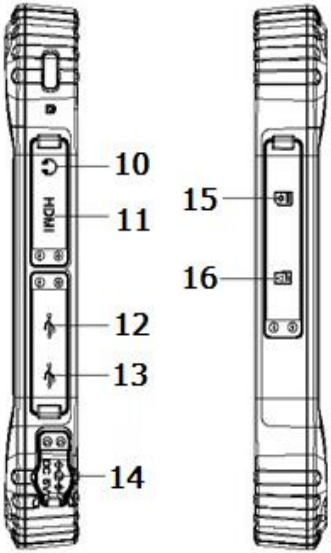
2.1 V-Scan Pro Tablet Overview



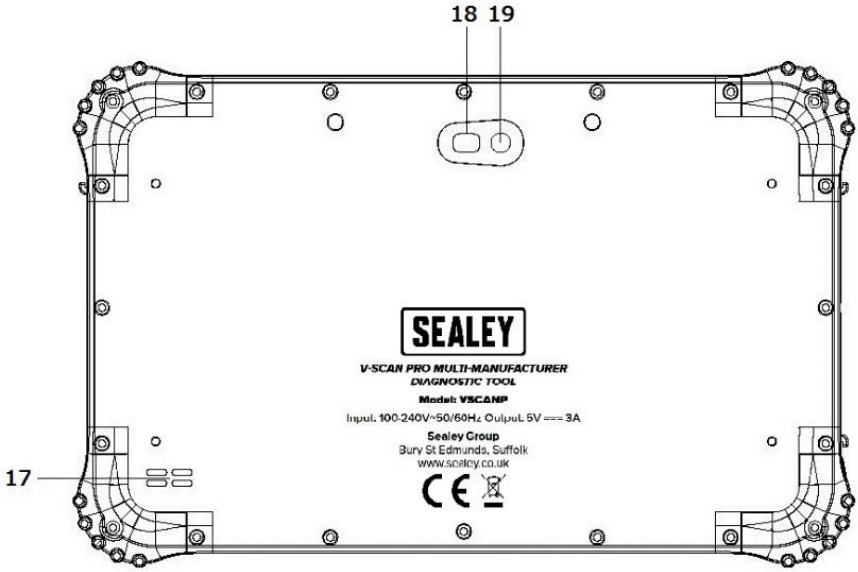
Front View



Top & Bottom



Side View



Back View

2.1 V-Scan Pro Tablet Overview

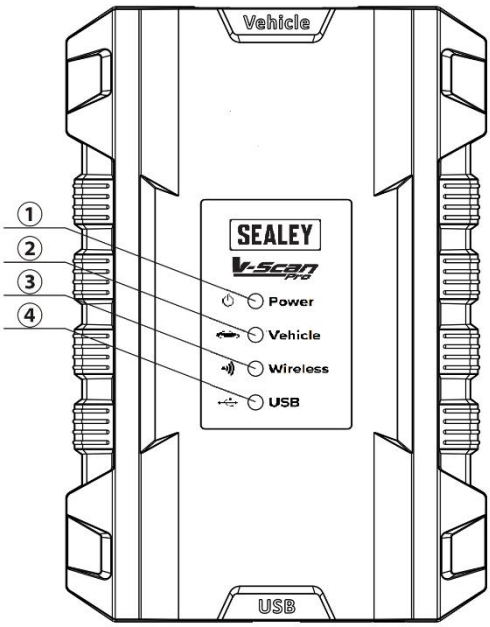
1	Front camera	11	HDMI interface
2	Charging indicator	12	USB Micro-B port
3	Light-sensitive sensor	13	USB A port
4	(Not in use)	14	Charging socket
5	Power switch	15	SIM card slot (Not In Use)
6	Volume +	16	TF card slot (Not In Use)
7	Volume -	17	Speaker
8	(Not in use)	18	Rear camera
9	Docking port (Dock not available)	19	(Not in use)
10	Headphone jack		

2.2 V-Scan Pro Tablet Specifications

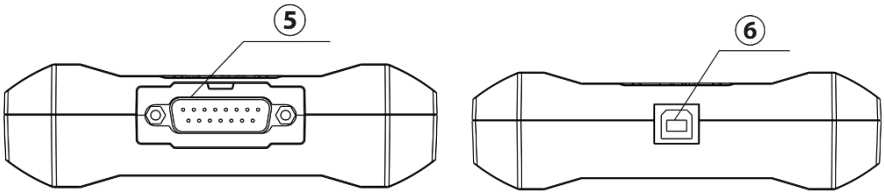
Ingress Protection	IP67
Dimension	228 x 147 x 16.5mm
Display Screen	8-inch, 16:10, 800 x 1280 IPS screen
Touch Screen	5-dot capacitive screen, G+G, hardness 7H+, scratch-resistant, TP thickness: 1.1mm, COF, support handwriting
Camera	Front 2.0MP with work indicator, rear 5.0MP
CPU	Intel Bay trail-T (Quad-core), Z3735F, 1.86GHz
GPU	Intel HD Graphic (Gen7)
RAM	RAM 2GB, ROM 32GB

Chapter III V-Scan Pro VCI

3.1 V-Scan Pro VCI Overview



①	Power indicator	On when powered on (connected to vehicle)
②	Diagnostic indicator	Flashes when communicating with vehicle
③	Wireless indicator	On when connected to a tablet
④	USB indicator	On when connected to a tablet



⑤	DB15 interface	Connect to main test cable; Connect the other end of cable to vehicle
⑥	USB interface (B shape)	Connect with tablet or upgrade VCI box

3.2 V-Scan Pro VCI Specifications

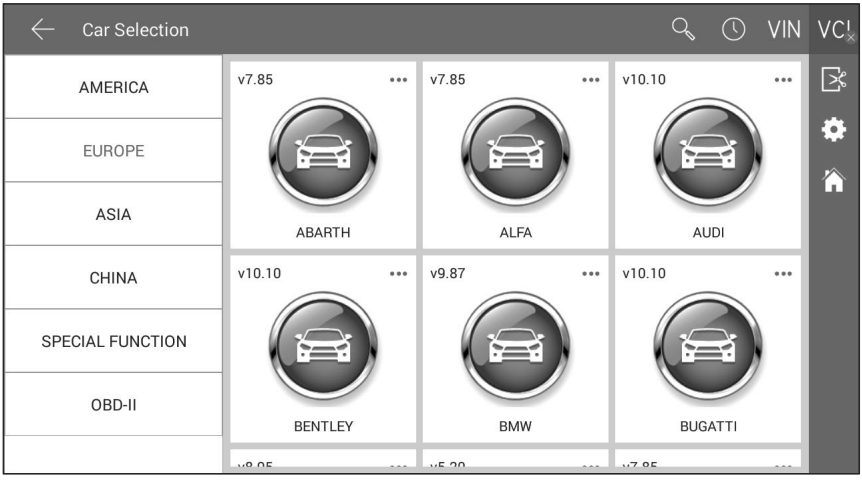
Processor	Cortex-M3 Micro-controller
Frequency	100MHz
Processor model	LPC1768
Flash memory	512KB
RAM	64KB
Wireless	Support for Bluetooth 2.0, Bluetooth 4.0

Chapter IV V-Scan Pro Tablet Display Screens

Start up the tablet (press and hold power switch for 5 seconds).
Open the V-Scan Pro app:

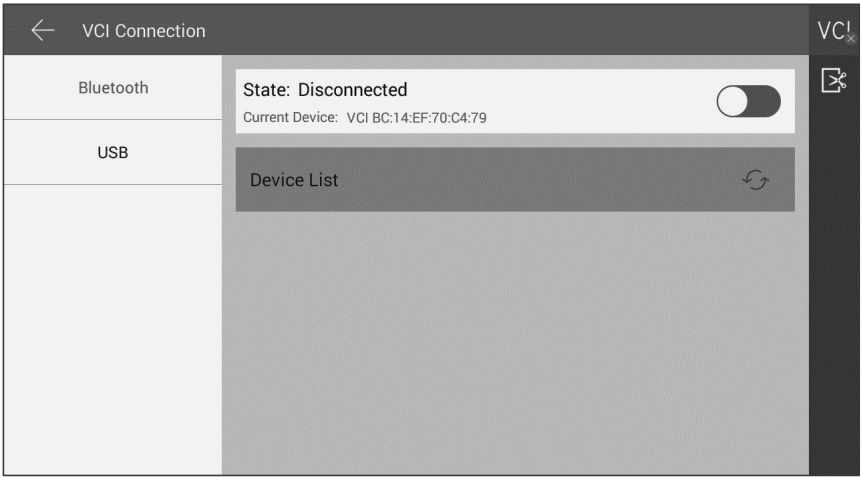
4.1 Vehicle Diagnosis Screen

Open the diagnosis menu to begin vehicle diagnostics. Here, you can select from a wide range of different manufacturers from different continents.



4.2 VCI Connection Screen

1. Wireless.



2. USB. (USB connection lead is not supplied. Will require a USB-A male to USB-B male lead). This is an alternative method of connecting the VCI to tablet. Would only be used if the Bluetooth function isn't working or operator would rather not use.

4.3 Data Management Screen

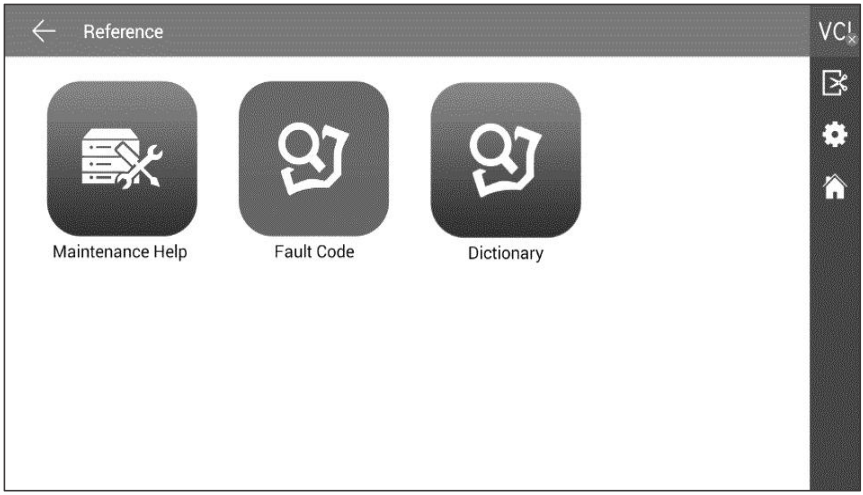
Storage location for screen shots, test logs, vehicle software version, etc.; for user's reference.

4.4 Reference Guide Screen

Maintenance Help:
Includes diagnostic/repair information for some vehicles as a reference guide.

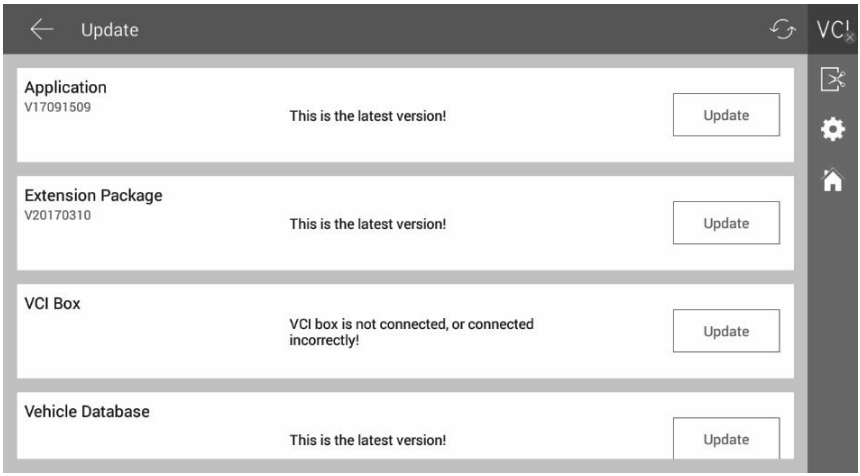
Fault Code:
Built-in fault code library, allowing the user to search a code, giving useful information.

Dictionary:
Allows user to search abbreviations used in vehicle diagnostics.



4.5 Update Screen

When connected to the internet via Wi-Fi or cable interface, update to the latest diagnostic software.



4.6 Settings Screens

Set Language, Units, User Info, Self-Test, Activation, Push Notifications, About Us and other functions.

4.6.1. Language Settings

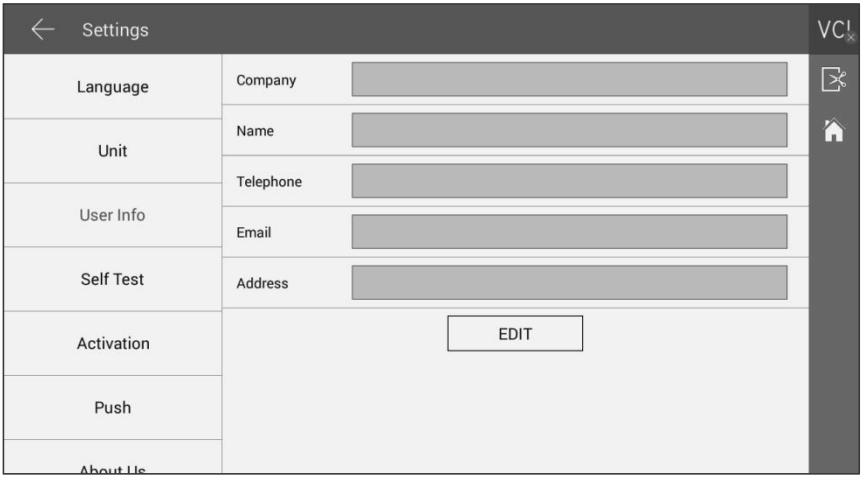
The V-Scan Pro supports multiple languages.

4.6.2. Unit

Set the live data units in the diagnostic software. You can select Metric or English as needed. (For example Metric would be km and English would be miles.)

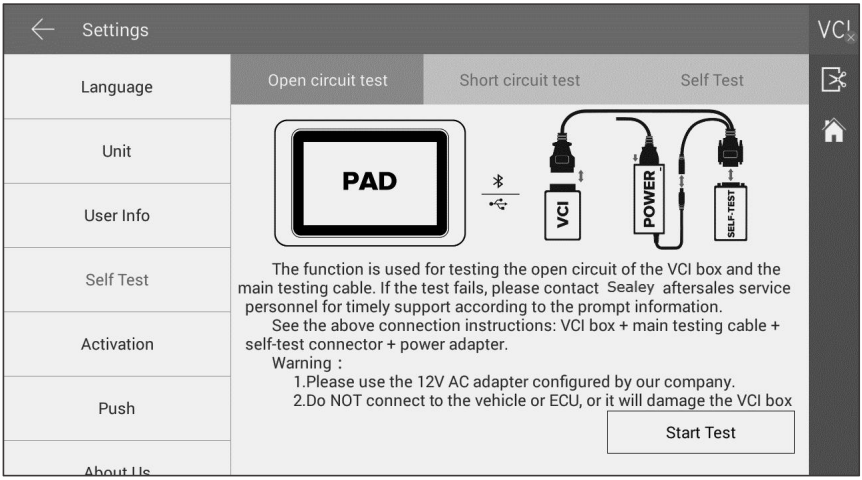
4.6.3. User Info

Set your personal information: name, phone, email, address, company name.



4.6.4. Self Test

You can check the V-Scan Pro for open or short circuits.

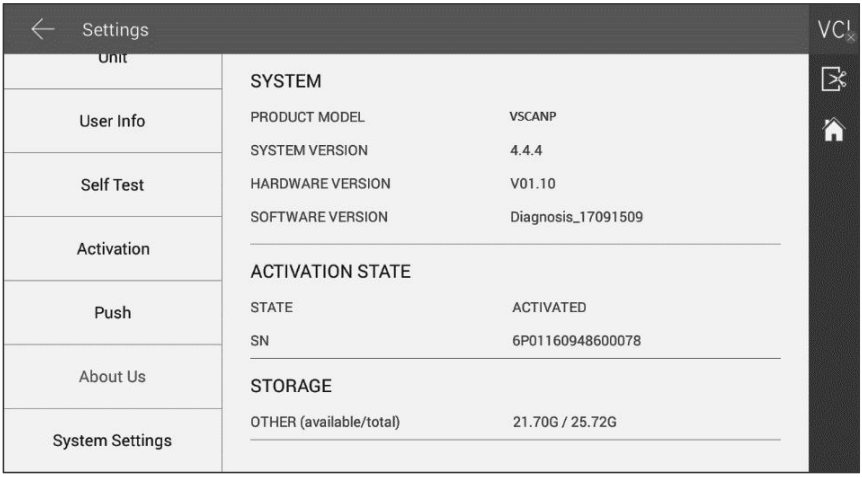


4.6.5. Activation

The V-Scan Pro will need to be activated when received. This will start your 2 year standard subscription for updates to the software.

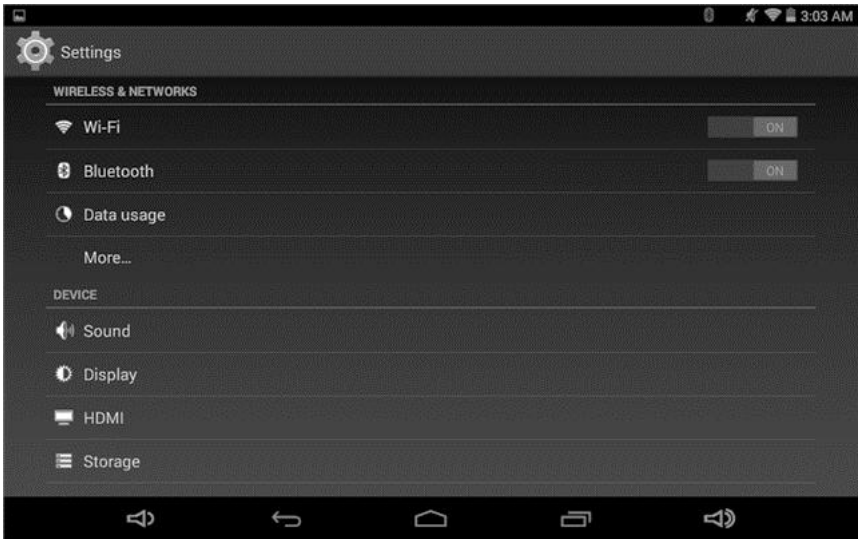
4.6.6. About Us

Provides information on the operating system and software versions. Also provides activation state and product S/N. (Serial Number)



4.6.7. System Settings

Opens up the tablets settings menu.



Chapter V Vehicle Diagnosis

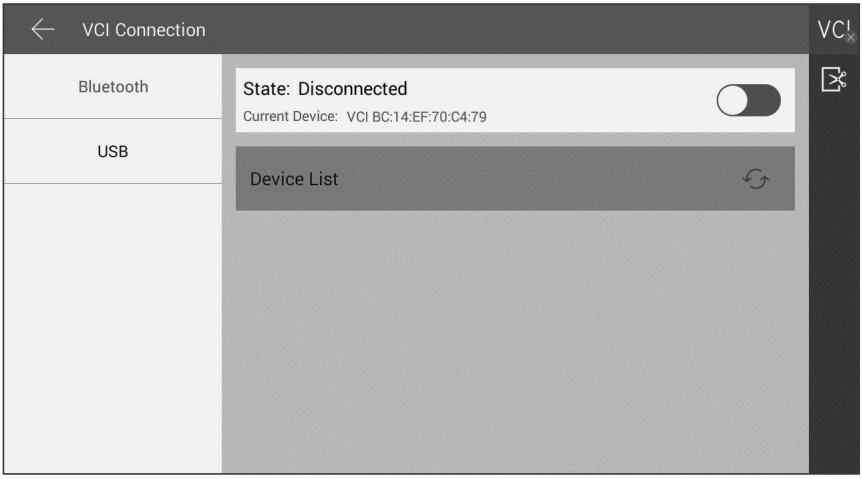
5.1 Connection method of tablet and VCI

Connect the VCI box to the vehicle to be diagnosed via the main test cable and diagnostic connector.

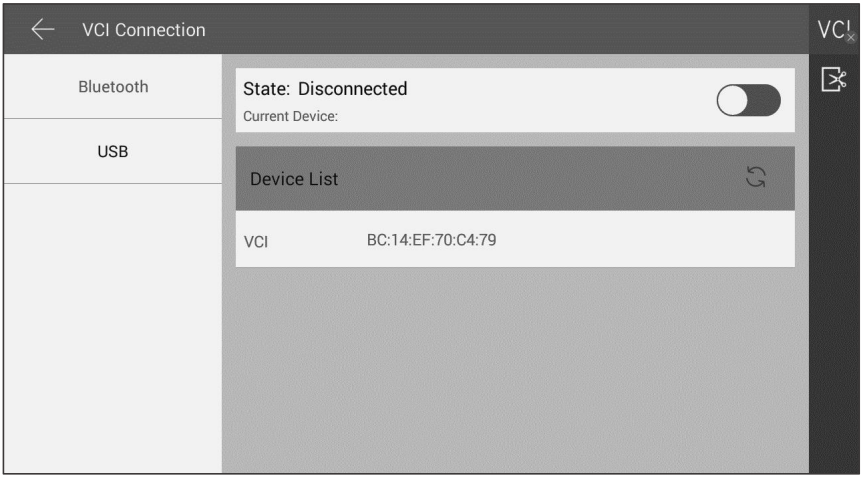
Turn on the tablet, enter VCI connection. It can be connected via Bluetooth and USB cable.

First: Connect the tablet with VCI box via Wireless.

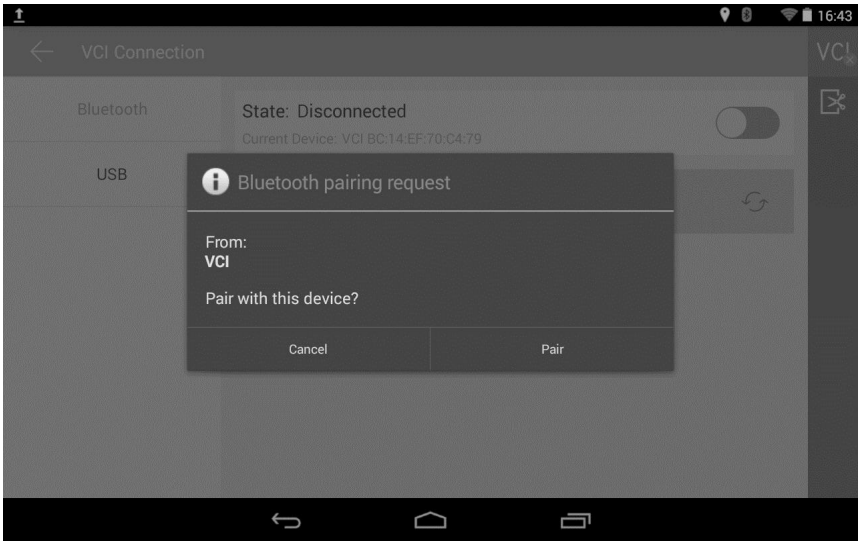
1. It is default paired and will automatically connect when used.
   If the VCI is not paired, refresh the device list.



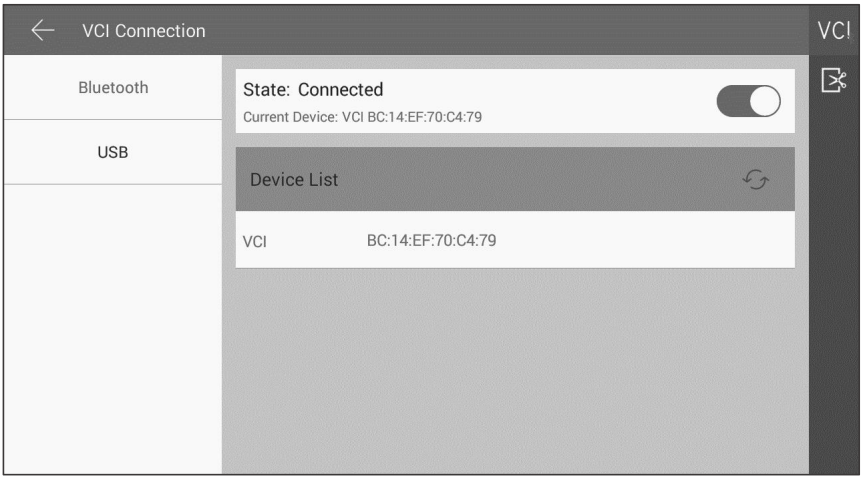
2. The ID for the VCI can then be found on the device list. Click to Connect.



3. Click Pair.



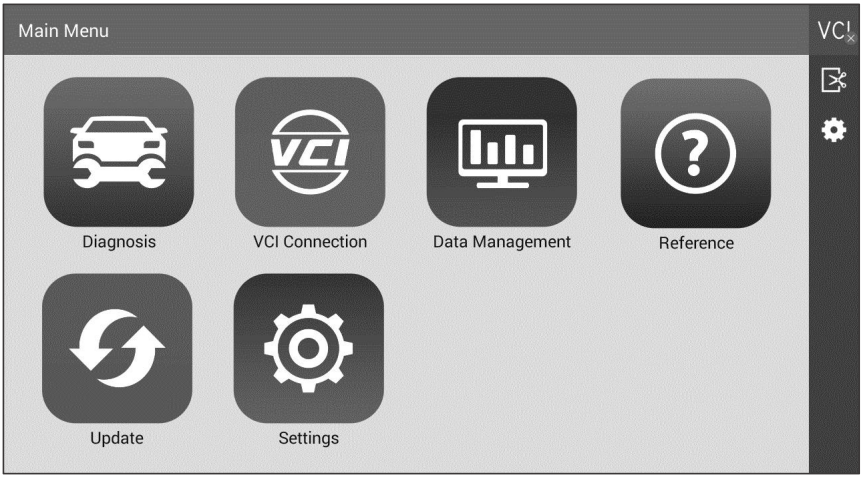
4. After the pairing is successful, the VCI wireless (Bluetooth) indicator on the tablet and on the VCI will illuminate. This indicates a successful connection. When connected. The V-Scan Pro will display VCI (please see image below). It will automatically pair next time you use it, and you do not need to set-up again.



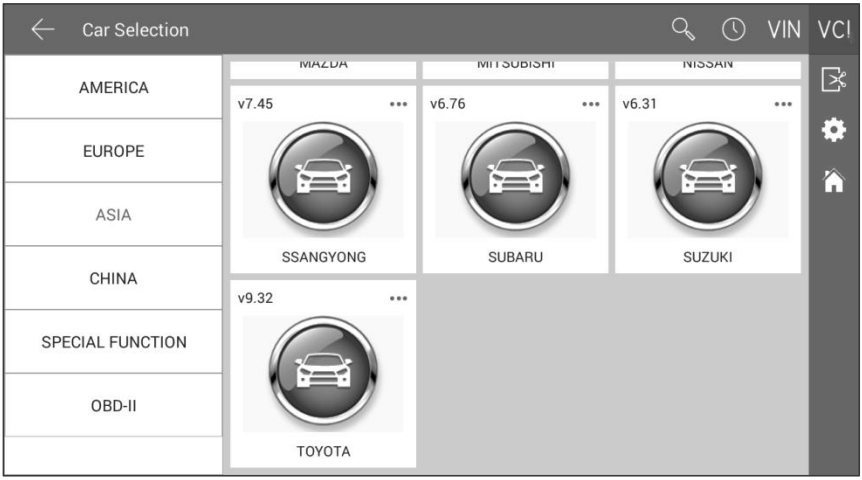
5.2 Vehicle Diagnosis

The following is an introduction to the V-Scan Pro Diagnosis.

1. Enter the Diagnosis menu.



2. Select continent and manufacturer.

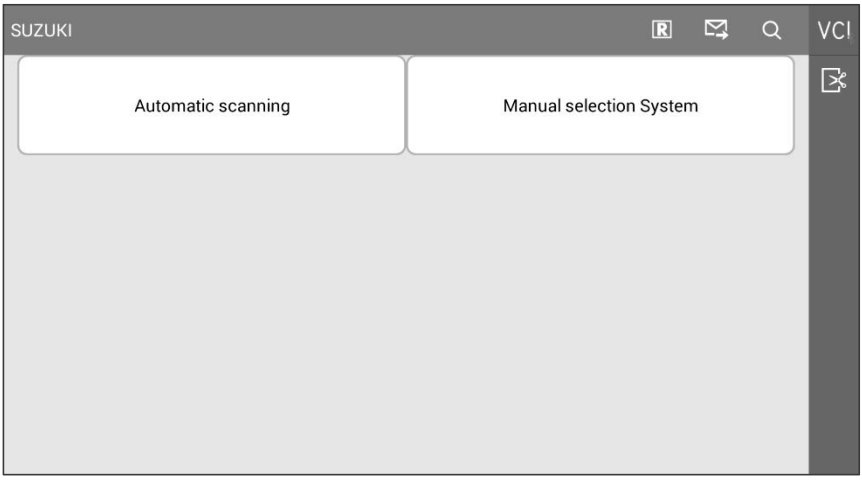


2.1 You can also use the search function to find the manufacturer.

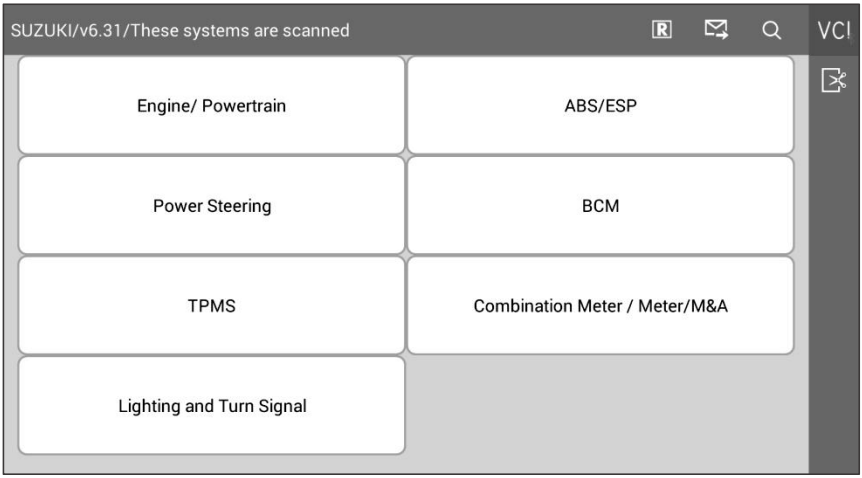
3. You can select automatic scanning or Manual selection.

Automatic Scanning: This will load the ECU's the diagnostic tool has identified and can communicate with.

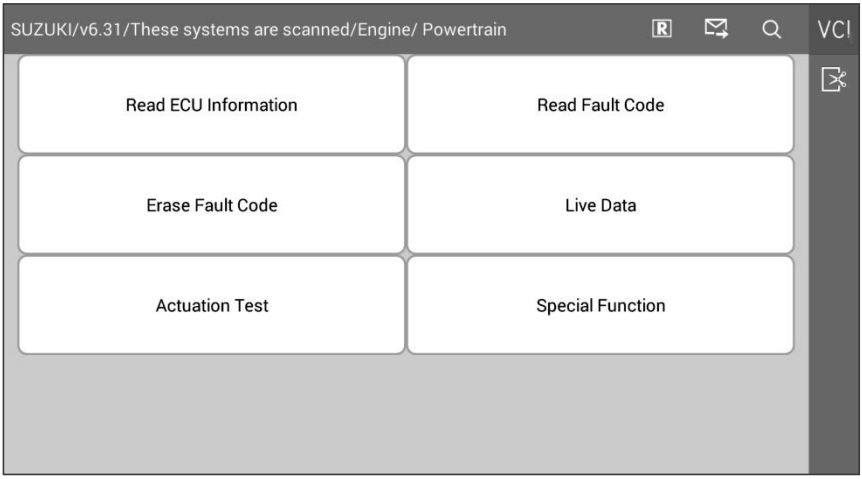
Manual Selection System: This will show a list of ECU's for you to choose from.



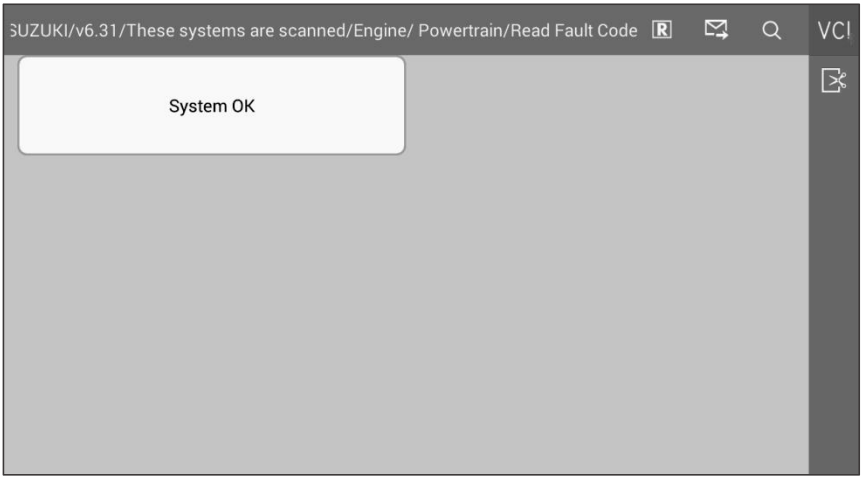
4. Choose ECU for testing.



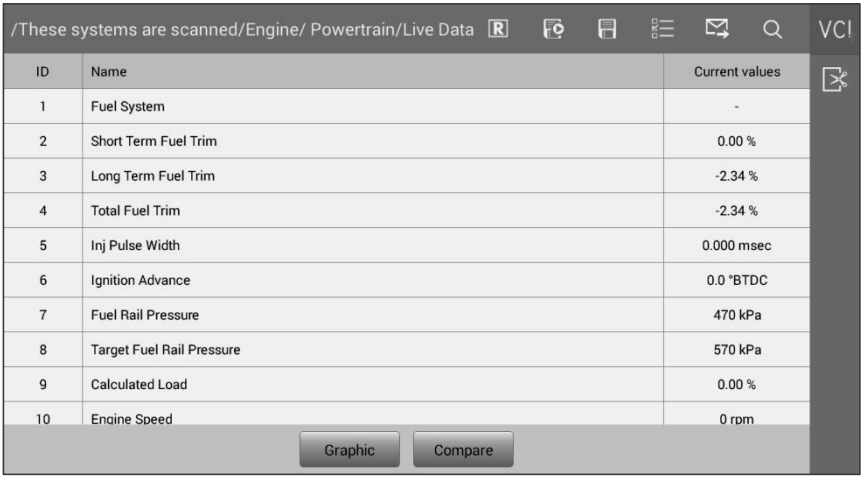
5. When you enter into the ECU that you want to test you will have a number of options. These include fault code reading, clearing, live data, actuation tests and special functions.



6. Fault code



7. Live Data



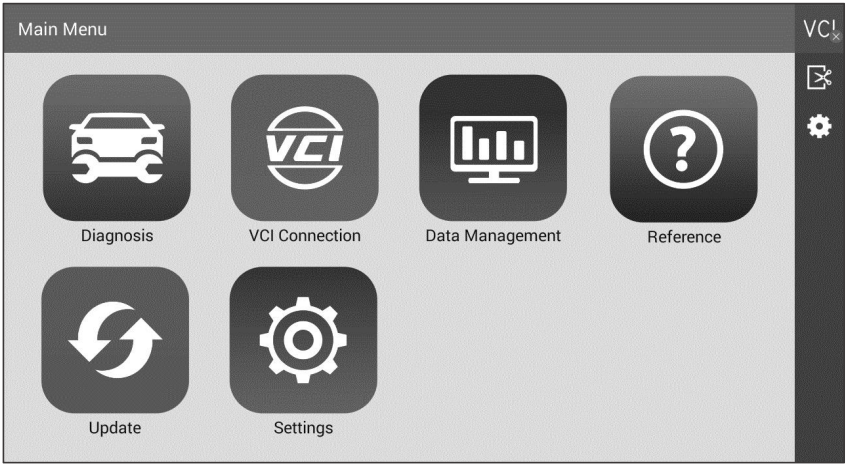
ID	Name	Current values
1	Fuel System	-
2	Short Term Fuel Trim	0.00 %
3	Long Term Fuel Trim	-2.34 %
4	Total Fuel Trim	-2.34 %
5	Inj Pulse Width	0.000 msec
6	Ignition Advance	0.0 °BTDC
7	Fuel Rail Pressure	470 kPa
8	Target Fuel Rail Pressure	570 kPa
9	Calculated Load	0.00 %
10	Engine Speed	0 rpm

Chapter VI Update & Activation

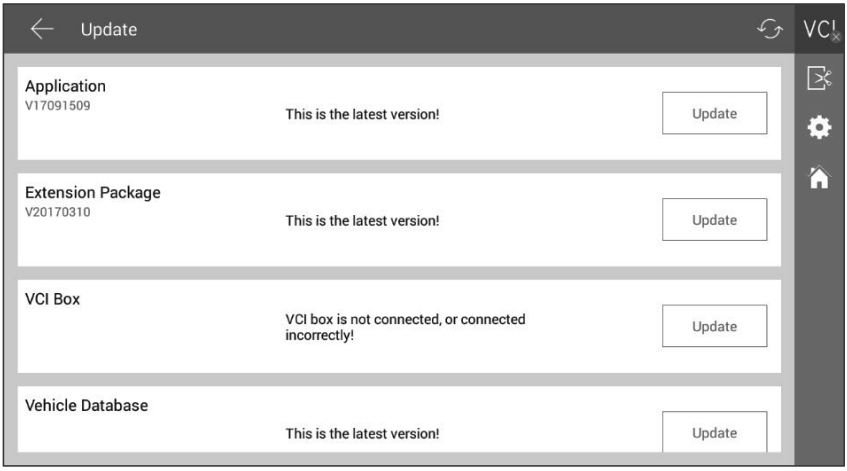
After purchasing the Sealey V-Scan Pro you are advised to activate the machine immediately, regularly update it and complete the personal information.

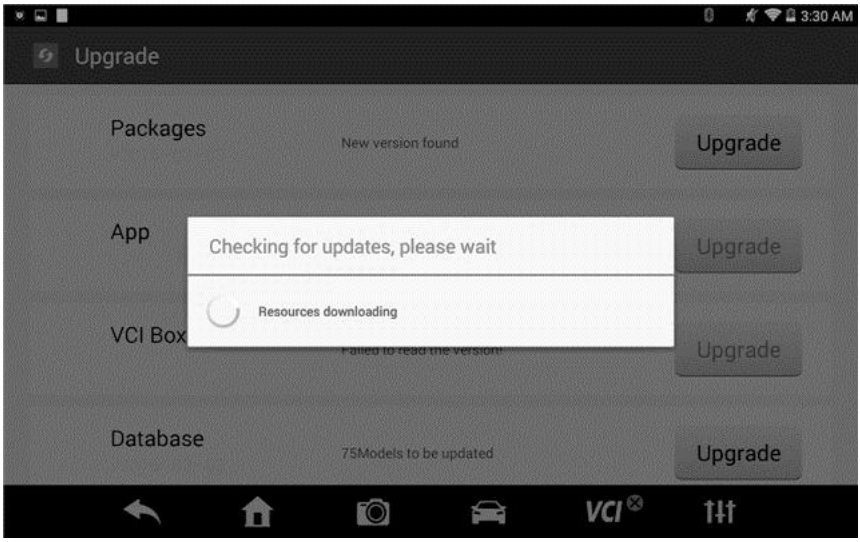
6.1 Update

1. Click Update.

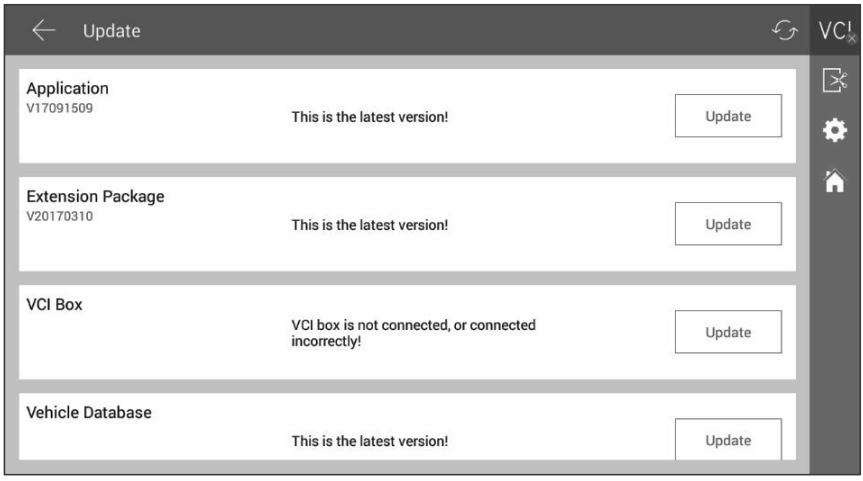


2. Click the refresh icon on the top right to check for latest updates.





3. Make sure software is on the latest version. The vehicle database will keep the tool up to date with the latest vehicles.



6.2 How to Renew Update Subscription

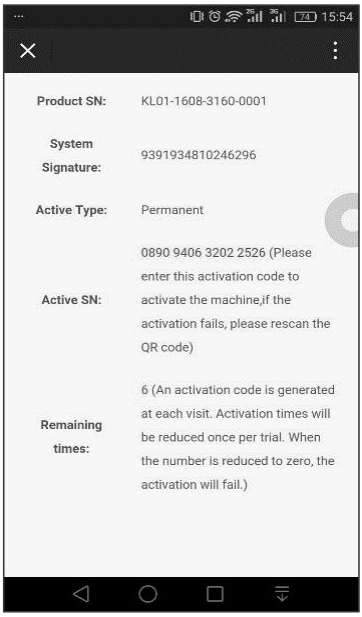
After the initial subscription has expired, it can be renewed by purchasing directly from Sealey on 01284757500. Sealey will just need the serial number of the V-Scan Pro. Activation of the new subscription will take 24 hours.

6.3 Activation

Sealey V-Scan Pro is not permanently activated when leaving the factory. After you power on the machine and select models, you will be prompted: "You are using the trial version, ** times left ", Click ‘Activate’ in the settings menu to enter the activation interface. The tablet will then display a QR code.

1. On a separate device. Open up a QR code scan app.
2. Scan the QR code on the tablet.

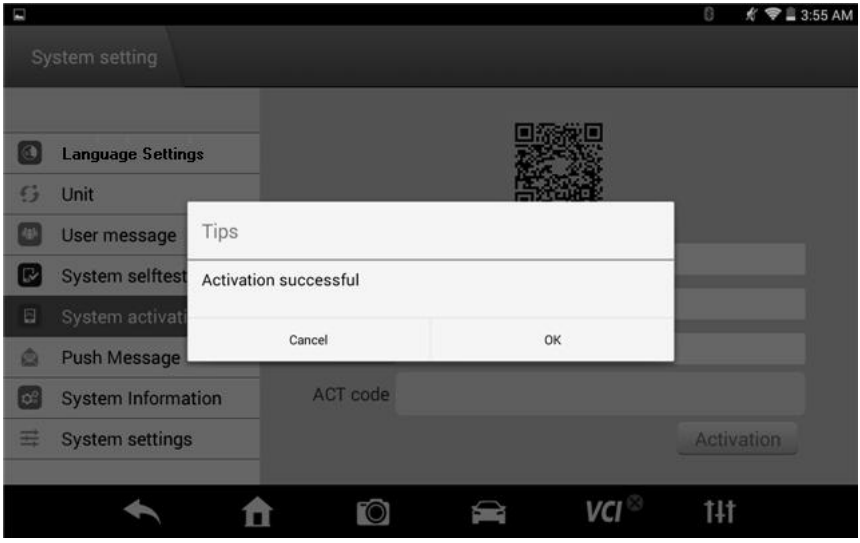
3. Once scanned, the activation code will be displayed.



4. Fill in the activation code to the tablet. Click ‘Complete’ to back to the activation interface.

5. Click ‘Activation.’

6. Activation is successful. If you are prompted ‘Activation Failed’, start again.



7. After the activation is successful, you can see the status bar is displayed as ‘Activated.’

EC DECLARATION OF CONFORMITY

Description and Function: **V-Scan Pro Multi-Manufacturer Diagnostic Tool**

Model/Type: **VSCANP v1**

Manufacturing Date/Serial Number where applicable: .....

2014/35/EU Low Voltage Directive

2014/30/EU EMC Directive

2014/53/EU Radio Equipment Directive

2011/65/EU RoHS Directive

This declaration of conformity is issued under the sole responsibility of the manufacturer:

Jack Sealey Ltd, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk. IP32 7AR

Declaration of Conformity in accordance with the above Directive(s).

References to harmonised standard(s)

EN 62479:2010	EN 61000-3-3:2013
EN 62311:2008	EN 300 328 V1.9.1
EN 60950-1:2006+A2:2013	EN 300 440-1 V1.6.1
EN 55024:2010+A1:2015	EN 300 440-2 V1.4.1
EN 55032:2015	EN 300 893 V1.8.1
EN 61000-3-2:2014	

Technical file compiled by: **Jack Sealey Ltd**

Being the responsible person appointed by the manufacturer.

Signed.....

Date.....28 November 2017

Name.....Steve Buckle.

Position.....Marketing Director.

Place: Bury St Edmunds

Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk. IP32 7AR
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XVII2813

Chapter VIII Parts Information

1	VSCANP.01	Tablet
2	VSCANP.02	VCI (Black Box)
3	VSCANP.03	Self-Diagnosis Plug
4	VSCANP.04	OBD 16 Pin
5	VSCANP.05	Battery Clip
6	VSCANP.06	Aux Vehicle Socket
7	VSCANP.07	VCI Main Cable
8	VSCANP.08	BMC (not shown)
9	VSCANP.09	Mains Charger
10	VSCANP.10	Data Cable (USB to micro USB 1mtr & 12.5cm)
	VSCANP-UPDATE	12 Months of Updates (not shown)
	N/A	Fuse 10A (not shown)
	N/A	Picking list (not shown)
	N/A	Software list (not shown)
	N/A	Outer Colour Box (not shown)
	N/A	Drying Agent (not shown)
	N/A	Lens Cloth (not shown)