

TP50 User Manual

Statement

This handbook is the manual of TP50. Without the written permission from the manufacturer, any company or individual shall not copy or backup it in any form (electronic, mechanical, photocopying, recording or otherwise). This manual is only operating instructions for TP50. If any result caused by using it on other equipment, the company does not assume any responsibility for it.

If not quality problems of TP50, such as equipment failure caused by user abuse or misuse, unauthorized disassembly, repair equipment yourself, not operate or maintain by the instructions, lose it, the repair will not be free.

Other product names mentioned in this manual are in order to describe how to use TP50, and their copyrights are still observed by the original company.

TP50 and files are used for normal vehicles maintenance. If used for illegal purposes, the company does not assume legal responsibility.

Note:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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Chapter 1 : Summary

1.1.Features

1.1.1. Advantages

- Multi-language environment can be applied in different countries and regions.
- The main unit system adopts ARM high speed chip to keep it running fast, stable and anti-jamming.
- Updating via TF card at any moment.
- Modern design and high-definition true color screen realize the integration of automotive industry and electronic information technologies and make auto diagnosis and key programming easier, practical and economical.

1.1.2 Durability

- Integrity structure design makes it crack resistance, shock resistance and durable.
- Industrial design ensures the tool work stably under tough environment, such as high and low temperatures.

1.2 Introduction of the device



1.2.1 The main unit and accessories(Picture as below)



Number	Name	Instruction
①	Induction Coil	Turn it towards the Tire Pressure Sensor
②	TF card slot	To keep diagnostic program or data
③	Charging Interface	Connect with the charger
④	F1	Keyboard input option key
⑤	Left	To left
⑥	Power Button	Turn ON/OFF the device
⑦	Help	Enter the information page
⑧	ESC	Exit or give up

⑨	Down	Down
⑩	Right	To right
⑪	OK	OK
⑫	Up	Up
⑬	F2	Keyboard input option key
⑭	Test	Start TPMS test (with the Tire Pressure Sensor activated)
⑮	Display Screen	Show information
⑯	USB Interface	Connect with USB cable
⑰	Testing cable port	Connect to the main test cable

NOTE :

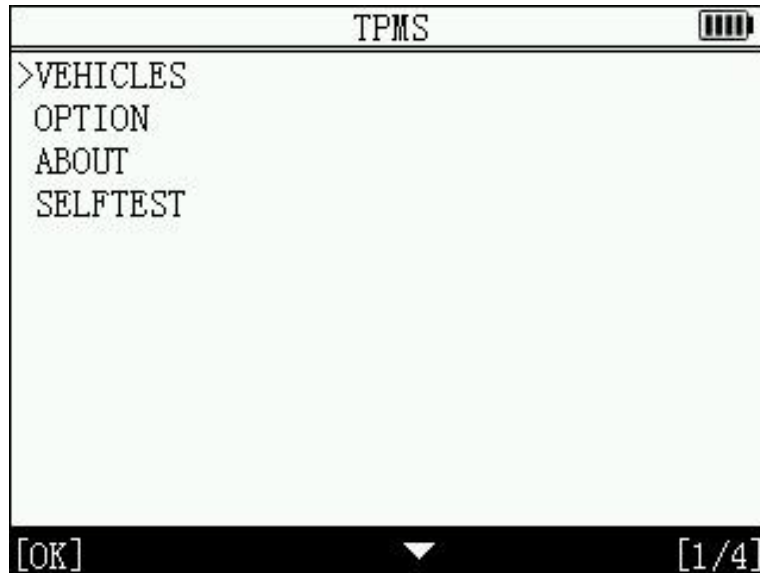
1.  shows the device is in charging
2.  shows the power capacity of the device
3. Power ON: short press the Power Button to turn on the device
4. Power OFF: press the Power Button for 2 seconds until the device vibrates
5. Auto Power OFF: the device will automatically turn off, if it stays standby for 5 minutes without any operation
6. Charge: Please charge the device with the attached USB cable and power adapter. Any other non-permitted power will possibly cause the device damage and warranty invalidation. Please charge the device for 2hours before use.

1.3 Hardware technical specification

- Dimension: 202mm(L)*106mm(W)*31.6mm(H)
- CPU : ARM7
- Power Supply:DC12V
- Operation Power:DC12V
- Operation Temperature: -20~60°C
- Display Screen: 320×240

1.4 Functions setting

Power on , and then press **ENTER** on the screen , then go to the function setting, setting information as shown below:



1.4.1 Function selection

Select different functions according to different requirements.

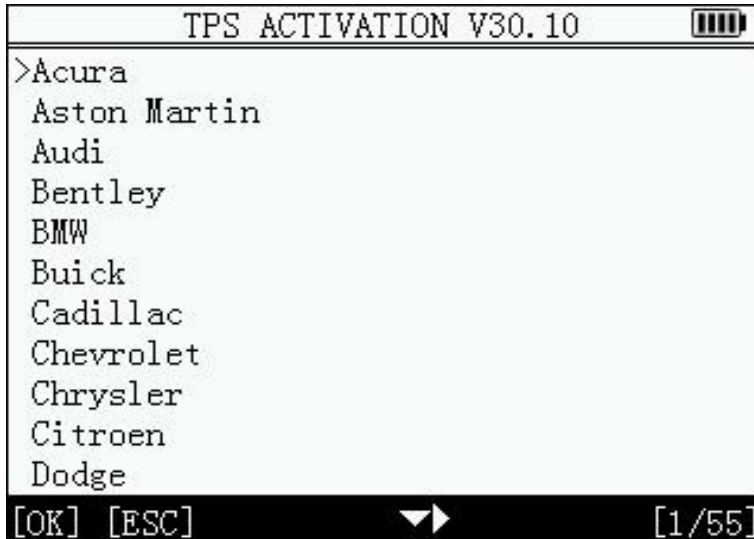


Note: Software numbers and functions are different according to different product configuration. Further detailed information, please contact your distributor.

1.4.1.1 Activate tire pressure sensor

Choose the test vehicle model, as below.

Press UP/Down Button to choose Press OK Button to conform.



Confirm the vehicle model, then operate as follow:



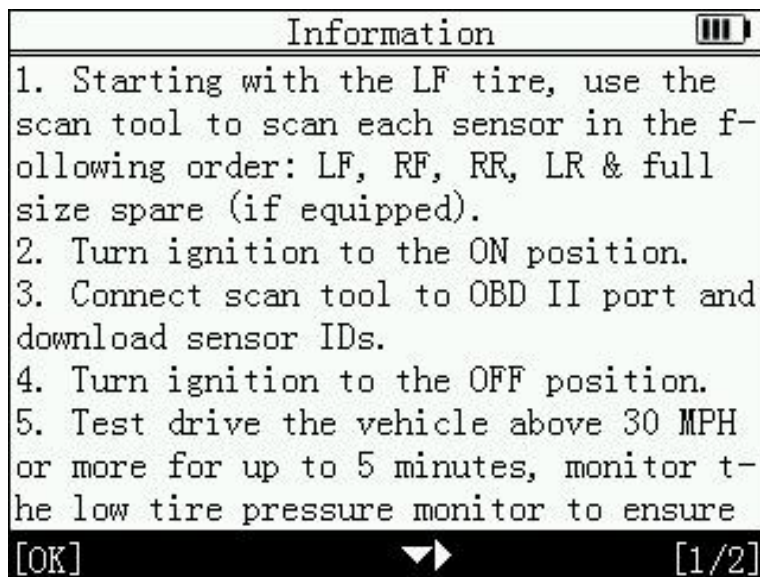
- 1) Press UP/Down and Left/Right Button to choose the tire you need, then press Test Button to activate the sensor. Please put the device right beside the valve and towards the sensor.

After the test finished, the screen will show 3 feedback icons :

"✓" "✗" "D"

- ✓ Successfully read the sensor
- ✗ Operation failure or the wrong sensor
- D ID repeat (only for the All Wheels Mode)

2) Click 'OK' to enter All Wheels Test page

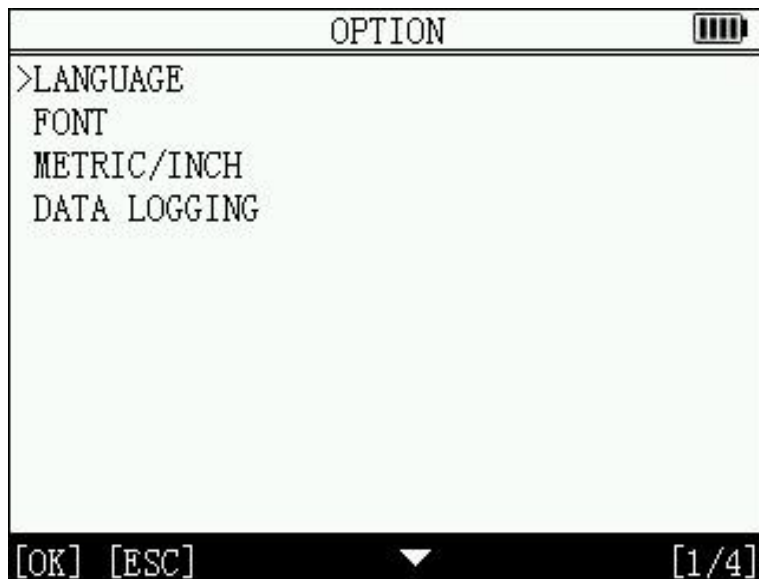


3) Press UP/Down and Left/Right Button to choose more function, then click 'OK' to enter, as below:



1.4.2 System setting

Select system setting, language and contrast can be adjusted, as shown below:



1.4.2.1 Language selection

This device supports simplified Chinese, traditional Chinese, English, Russia, Greek, Spanish, Italian. In the language directory, select required language by Up and Down and press ENTER to confirm it.



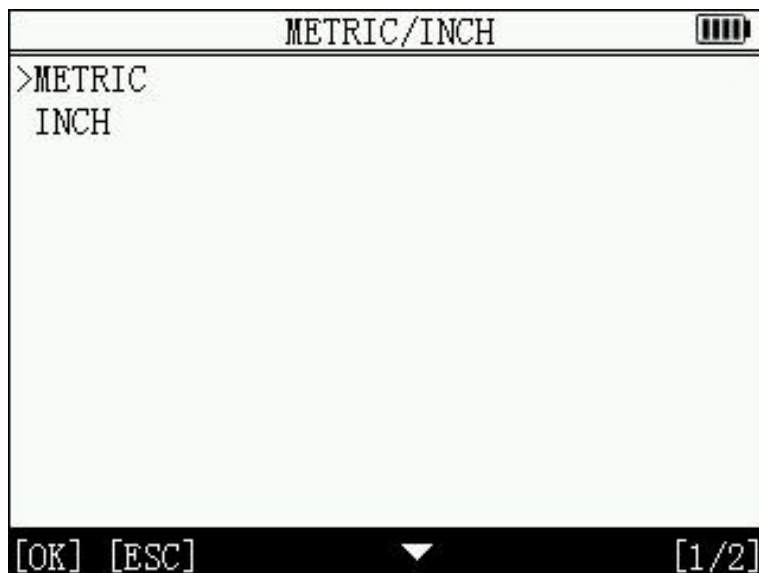
1.4.2.2 Font setting

According to requirement, select different font.



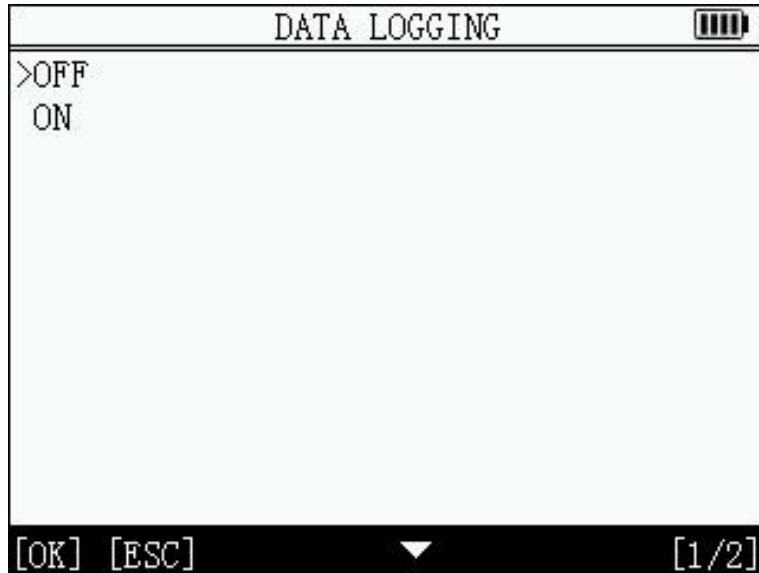
1.4.2.3 Metric/Inch

According to different requirements, select the Metric/Inch by the up and down keys, and press ENTER to confirm as show below,



1.4.2.4 Data logging

Any problems during testing, please use the Data Logging function to record the test process and send the data to us. Select ON by the up and down keys and press ENTER to confirm, shown as below,



Note: Every time you need to select ON if you want to record the data before testing car.

1.4.3 System information

System information includes product serial number, hardware version, software version, release date, register password, etc.



1.4.4 Device self-test

Device self-test includes screen display, keyboard testing, hardware self-testing, etc. If it cannot show enough pictures on the screen, keyboard not work, and hardware self-test not get through, please return this TP50 to the manufacturer.



Chapter 2: How to update software for TP50

2.1 Update tool software installation

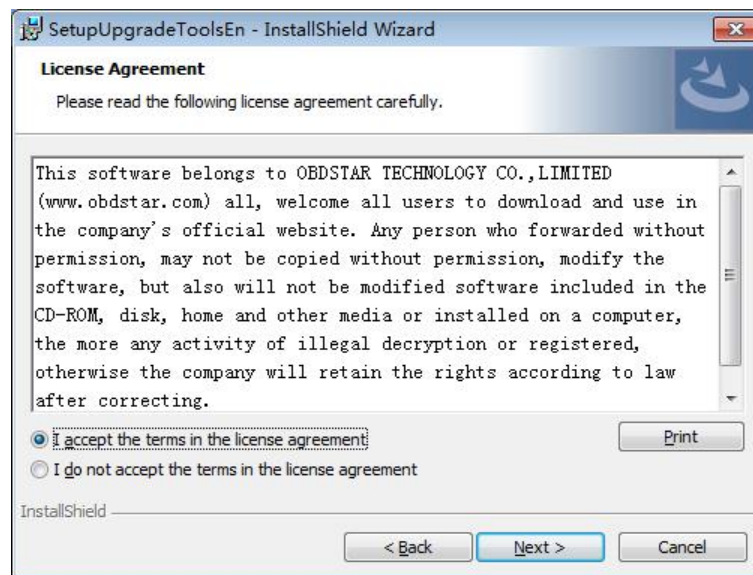
Login our website: <http://en.obdstar.com> and click "One Key Upgrade".

Download the update tool and diagnostic software, double click , then go to the next step:

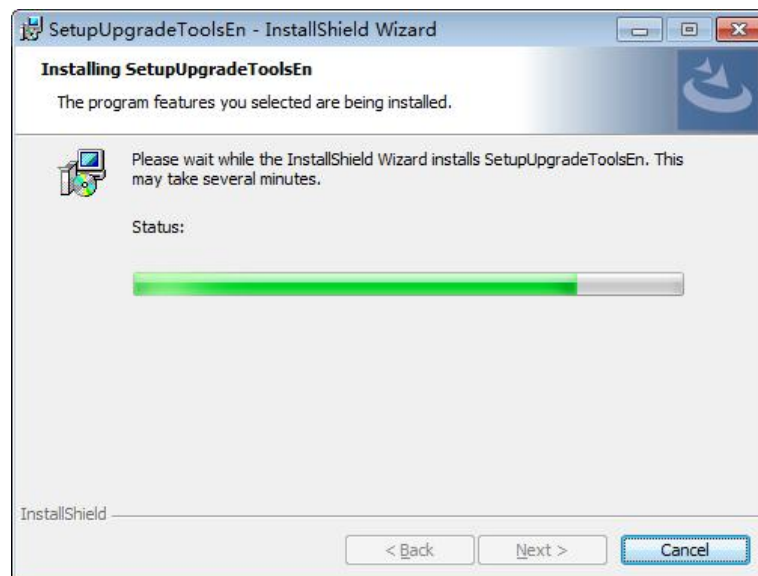
Step 1 : Click "Next"



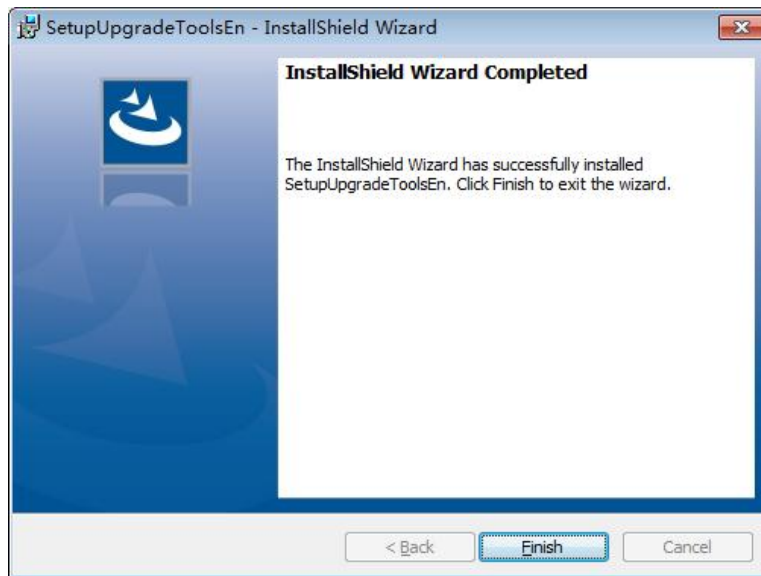
Step 2: Click "Next




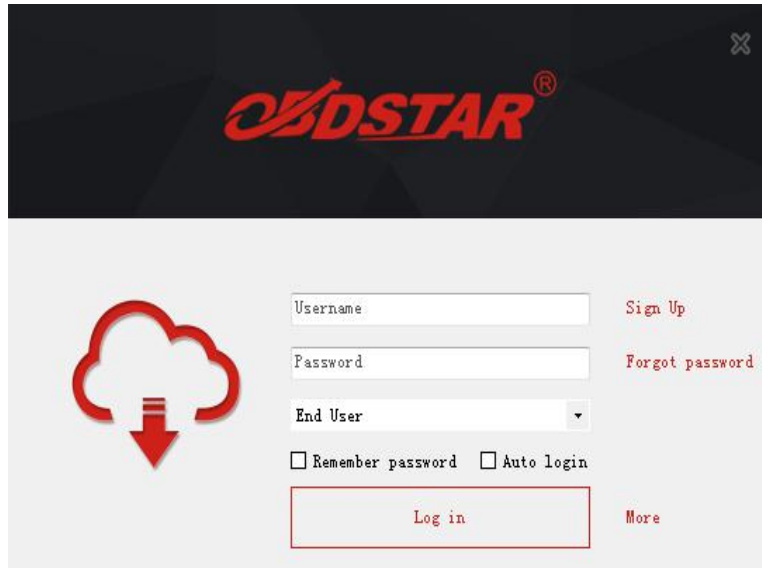
Step 3: Wait for several minutes then the installation finished



Step 4: Click "Finish"



After Update Tool installation completed, click the Update Tool software icon  on desktop to start the update tools. The main interface is as shown below:



2.2 Register

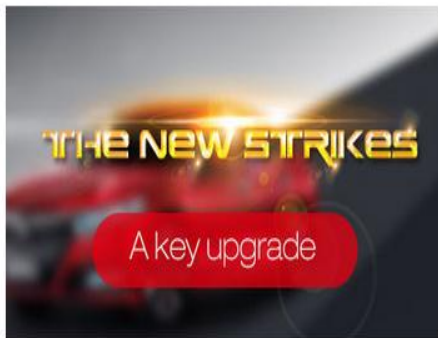
Click "Sign up" to fill in user information. Username can be Chinese characters or the combination of alphabet and numbers.

Serial number and register password can be referred to System information in the device.(Figure 1.4.3)

User Login

Register

Get User && Password



Contact Details:

Tel.: 0089 755 86707161
 Email: Leo@obdstar.com
 Skype: obdstar98
 Attn: Leo



Registered Types Product User

Product serial number: *

Register password: *

Distributor code: *

User name: *

Your password: *

Password: *

Email: *

Contacts: *

Company name: (unnecessary)

Contact address: (unnecessary)

Contact phone number: (unnecessary)

Register

2.3 Software updating

Operation steps as following:

Step 1: Remove the TF card from your device.

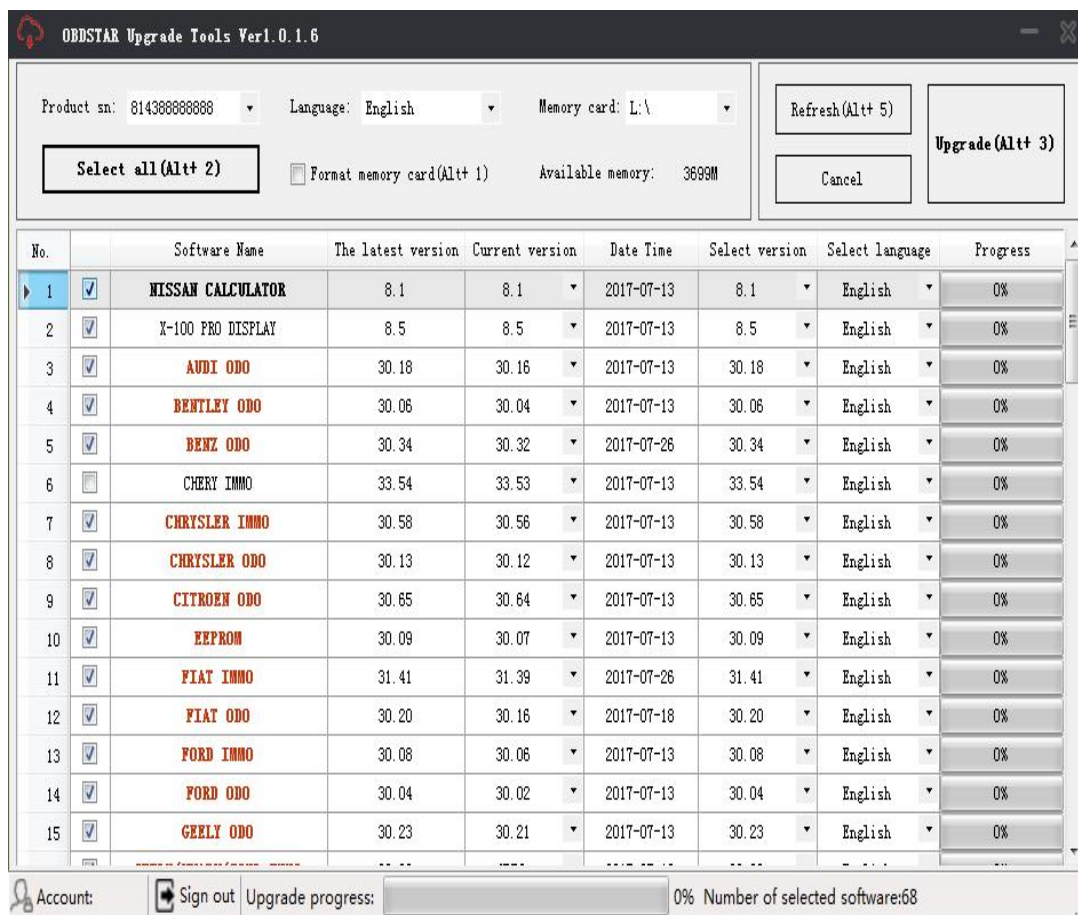
Insert your TF card into computer.

Step 2 : Open update tool and login

Step 3: Click the source menu, choose the program you want to update, click it and confirm.

Step 4: Click and select all the software then click “update”

Step 5: Wait for several minutes then the updating finished



Note : For new update software and questions during updating, please contact your distributor.