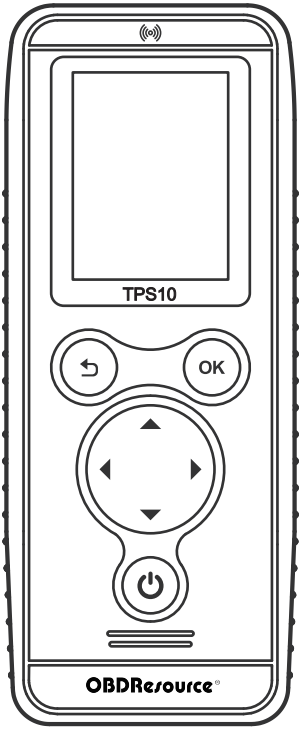
TPS10

User Manuals

Tire Pressure Sensor Activation Tool



PRECAUTIONS

This manual includes instructions for using the device, safe operation methods, If in doubt, please read carefully! This device has been designed and manufactured in accordance with the requirements of our corporate performance standards.

- Please test again under the premise that your surrounding environment is safe.
- There is no internal battery in this device, requires 3 AA batteries for power.
- Batteries contain dangerous chemicals that may cause burns or explosions.
- Do not use or store this device in hot, humid, flammable or explosive environments.
- If the device is malfunctioning (e.g. damaged, deformed, leaking substances, incomplete display, etc.) , it cannot be used further.
- Do not change the internal wiring ways in order to avoid damaging the device or causing your own insecurity.
- Pay attention to warnings, precautions, and repair procedures from the car manufacturer when repairing your car.
- Due to the different versions of the product, there are slight differences in the instructions, icon explanations, and diagrams of some parts of the manual.

BATTERY STATUS

Color	Icon	Status
Green		Battery above 75%
White		Battery above 50%
Red		Battery is below 25%

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1. Product Description

The Tire Pressure Sensor Activation Tool (TPS10) is a portable and innovative design that is a general purpose TPMS tool. Specifically designed to activate tire pressure sensors, relearn procedure, and check sensor information, saving time and effort in servicing.

1. 1 Panel Description

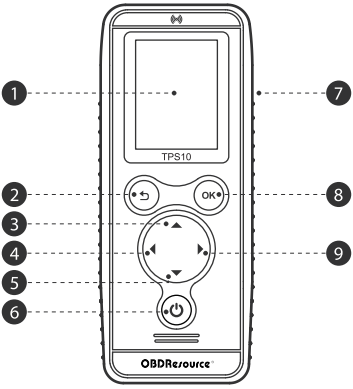


Figure 1-1 **Front View**

1. **2.4 inch TFT HD color screen.**
2. **Back Key** —— Cancel the selection, undo, or return to the previous screen, **[Long press]** to return to the main menu.
3. **Up Key** —— Use the up key to select between each screen to realize the page turning function.
4. **Left Key** —— Select between each screen to realize the page turning function.

5 **Down Key** —— Select between each screen to realize the page turning function.

6 **Power Key** —— Long press to turn the device on/off.

7 **USB Interface** —— Connect the USB to the computer and the removable disk will be displayed. Simply copy and paste the upgrade file into the removable disk to complete the upgrade.

8 **OK Key** —— Confirm the selected content and enter the function.

9 **Right Key** —— Select between each screen to realize the page turning function.

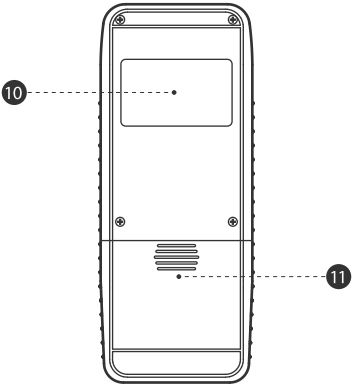


Figure 1-2 **Rear View**

10 **Body Stickers.**

11 **Battery Compartment** —— Powered by 3 AA batteries.

12 **Up + Down Keys** —— Screen capture function. (The device stores up to 10 pictures,

view with a USB connection to a computer.)

1. 2 Parameter Information

Project	Describe
Screen	2.4 inch TFT HD color screen, 320 × 240 resolution
Product Color	Black
Key Type	Physical buttons
Powered By	AA Battery * 3
Operating Temperature	0°C ～ 50°C (32°F ～ 122°F)
Storage Temperature	-20°C ～ 70°C (-4°F ～ 158°F)
Size **(Length × Width × Height)**	6.69 " × 2.68 " × 1.02 " (169.8 × 68.1 × 26 mm)
Weight	0.36 lb (164 g)
Accessories	Device × 1 USB cable × 1 Quick guide × 1 User manual × 1

2. System Menu

Press and hold the key to turn on the device,After entering system menu (Figure 2-1). And a brief description of the interface menu :

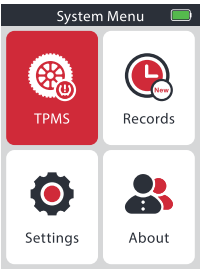


Figure 2-1 **System Menu**

Name	Icon	Describe
Tire pressure monitoring system		Used to activate sensors, view sensor activation process and OE sensor information.
Records		View recent test records for the device
Settings		Set system parameters of TPS10
About		View basic information published by the device

2. 1 TPMS

(1) Please set the dashboard to enter the **[Tire pressure monitoring system]** in dashboard firstly.

(2) Use the device TPS10 choose enter the **[Ti-re pressure monitoring system]** function, then select the tested vehicle **[Type]** .
（Figure 2-2）:



Figure 2-2 **Vehicle Type**

(3) Select the vehicle **[Mode-l]** from list.
(Figure 2-3) :

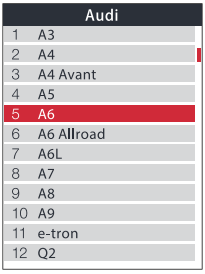


Figure 2-3 **Vehicle Model**

(4) Select the vehicle **[year]** from list. (Figure 2-4) :

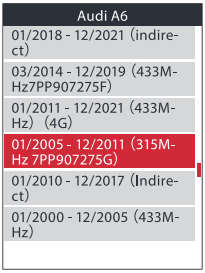


Figure 2-4 **Vehicle Year**

2. 1. 1 Scan Single Sensor

(1) After selecting the vehicle **[Type]**, **[Model]** and **[Year]**, enter the **[Scan Single Sensor]** menu (Figure 2-5) to perform **"Tire Pressure Sensor Activation"** :

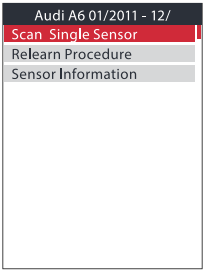


Figure 2-5 **Scan Single Sensor**

（2）Please make sure the car is in the learning mode (Figure 2-6), then place the TPS10 to tire valva, near to tire sensor, press OK button to activate the sensor, as the order of **"Front Left > Front Right > Rear Right > Rear Left":**



Figure 2-6 **Send Signal**

（3）According to the screen prompt, press the OK button to activate sensor. (Figure 2-7) :

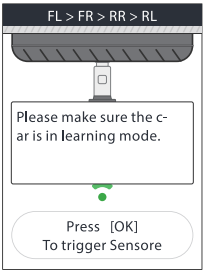


Figure 2-7 **Relearn Complete**

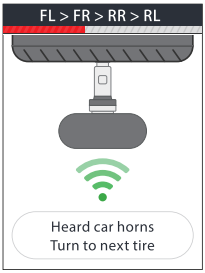


Figure 2-8 **Activating sensors**

(4) When all tire sensors have relearn complete(Figure 2-8), the vehicle horns 2 times.

※ **Note:** The vehicle horn will beep once after learning is completed for each tire sensor.

2. 1. 2 Relearn Procedure

(1) After selecting the vehicle **[Type]**, **[Model]** and **[Year]**, choose **[Relearn Procedure]** menu. (Figure 2-9) :

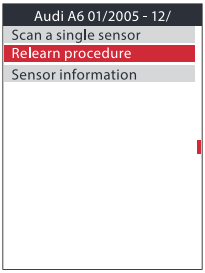


Figure 2-9 **Relearn Procedure**

(2) Used to view **"Tire Pressure Sensor Activation Steps"** (Figure 2-10) :

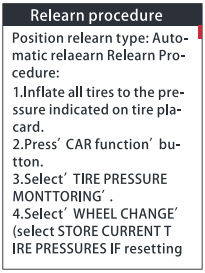


Figure 2-10 **Relearn procedure**

2. 1. 3 Sensor Information

(1) After selecting the vehicle **[Type]**, **[Model]** and **[Year]**, choose **[Sensor Information]** menu. (Figure 2-11) :

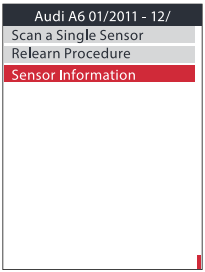


Figure 2-11 **Sensor Information**

(2) Select to enter the **[OM Sensor Information]** interface.

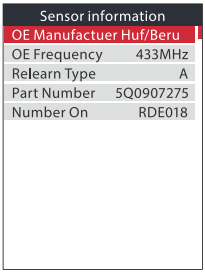


Figure 2-12 **OM Sensor**

(3) It is used to check what type of sensor the vehicle currently selected for testing is suitable for (Figure 2-12), which is convenient for users to purchase and replace sensors.

Relearn Type:

A - Automati-cally Relearn

C - Copy sensor ID Relearn

O - OBD-II Port Relearn

S - Stationary Relearn

2. 2 Records

(1) Long press the key to return to the **[Main Menu]** , select **[Recents]** icon. (Figure 2-13) :

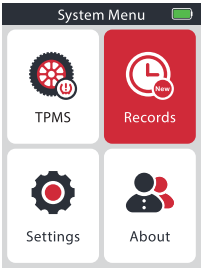


Figure 2-13 **System Menu**

(2) You can now view the **"Last Test Record"** menu, where you can access the last tested vehicle quickly. (Figure 2-14) :

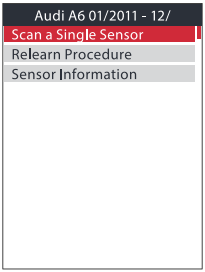


Figure 2-14 **Records**

2. 3 Settings

Select **[Settings]** menu at homepage (Figure 2-15). You can adjust the system settings of the device. There are 5 options available in the TP-100 system settings:

※ **Languages, Areas, Unit, Power OFF, Self-Test.**

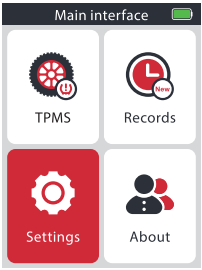


Figure 2-15 **System Menu**

2. 3. 1 Languages

※ This option sets the **"Display Language"** for the TPS10 system.

(1)Enter **[Languages]** menu (Figure 2-16) :

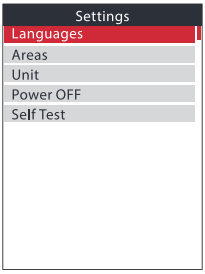


Figure 2-16 **Settings**

(2) Select the **[Languages]** you need and press the OK key to confirm (Figure 2-17) :



Figure 2-17 **Languages**

2. 3. 2 Areas

※You can set 5 different kinds of **"auto Areas"**, the vehicle list will be different due to the different areas you selected.

(1) Select **[Areas]** menu (Figure 2-18) :

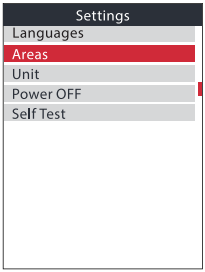


Figure 2-18 **Settings**

(2) Select the **[Areas]** you need and press the OK key to confirm (Figure 2-19) :

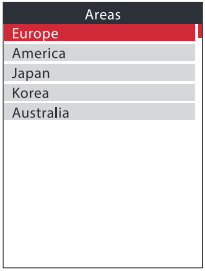


Figure 2-19 **Areas**

2. 3. 3 Unit

※ This option sets the **"Unit of Measure"** in TPS10 system.

(1) Select **[Unit]** menu (Figure 2-20) :

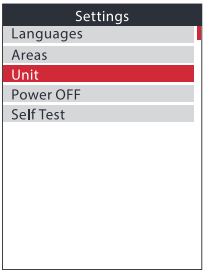


Figure 2-20 **Settings**

(2) Select the **[Unit]** you need and press the OK key to confirm (Figure 2-21) :



Figure 2-21 **Unit**

2. 3. 4 Power OFF

※ This option sets the **"Auto Power Off T-ime"** of the device to enlarge batteries' life.

(1) Select **[Power OFF]** menu (Figure 2-22) :

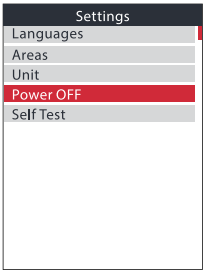


Figure 2-22 **Settings**

(2) Select the **[Time]** you need and press the OK key to confirm. (Figure 2-23) :

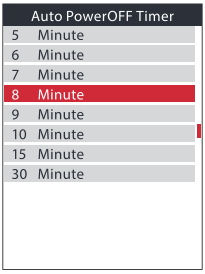


Figure 2-23 **Auto PowerOFF Timer**

2. 3. 5 Self Test

※ This option is used to detect if there is a fault in the equipment part.

(1) Select to enter **[Self Test]** test (Figures 2-24 and 2-25) :

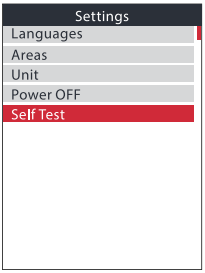


Figure 2-24 **Settings**

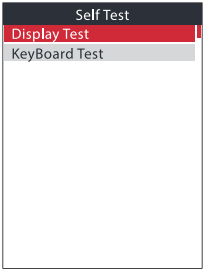


Figure 2-25 **Self Test**

※ **Self Test Instructions:**

A) LCD Self Test —— It is used to detect whether there are dead pixels on the display of the screen, to avoid the incomplete display of the screen content.

B) Keyboard Self Test —— It is used to detect whether the keys of the device are malfunctioning or unusable.

2. 4 About

(1) Long press the key to return to the **[System Menu]** , select **[About Us]** menu (Figure 2-26) :

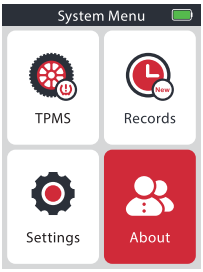


Figure 2-26 **Main Menu**

(2) You can view the basic information about the device such as **"Product serial number, hardware version, software version, release date"** (as shown in Figure 2-27) :

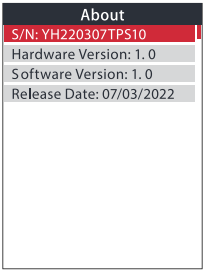


Figure 2-27 **About Us**

3. Guarantee Card

Hello! Thank you for purchasing the products, in order to serve you better, please read carefully, fill in and properly keep this guarantee card after purchasing the products.

Name			
Cotact Number			
Email			
Purchase Date		Product Model	
Order Number			
Address			
Repair Records	Date	Cause of failure and solution	

※ **Warranty Statement:**

If there is any quality problem of the product that needs to be repaired, please send this warranty card together with the purchased product back to our company, to provide after-sales service.

Manufacturer

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