



Uni-TPMS

# AT60 TPMS Tool Manual



Uni-TPMS

[www.hz-tpms.com](http://www.hz-tpms.com)



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## Precautions

### 1. Precautions

In order to avoid causing personal injury or damage to the vehicle/ auxiliary device, please read the equipment manual carefully before use, and strictly abide by the following terms.

- Ensure you use this device in a safe environment.
- Ensure the vehicle has already completely stopped and stalled.
- Ensure distance is kept from car heating parts.
- When removing the tire, ensure that the support part is stable and reliable.
- Non-professionals are not permitted to use the device for related operations.
- Refer to the vehicle maintenance manual during maintenance to avoid errors caused by lack of information.

## 2. Product introduction

### 2.1 Features

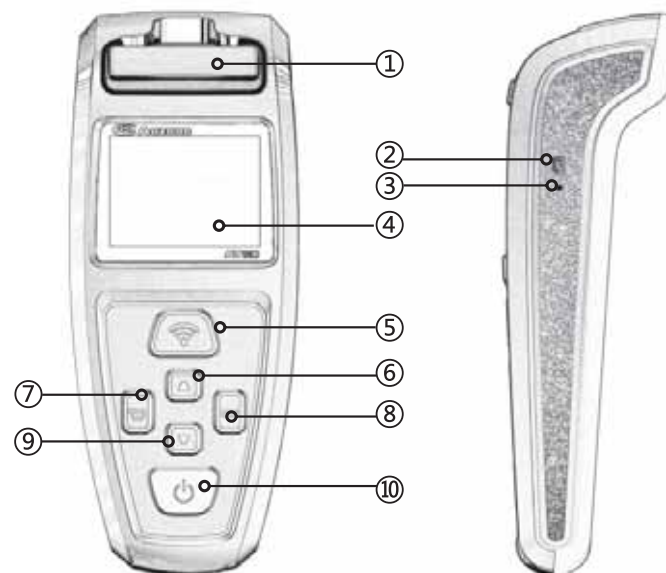
AT60 is a TPMS maintenance tool equipped to carry out the following functions:

- Activating/Reading tire pressure sensor information, including current tire pressure and temperature, sensor battery, and sensor status.
- Viewing the TPMS sensor part number (OE number) of the corresponding vehicle model.
- Viewing the method used by the TPMS sensor to learn new IDs of the corresponding vehicle model.
- Programming (configuring) Auzone sensors. Programmable sensors can be configured as sensors of the required vehicle based on the actual demand.
- Detecting the frequency and intensity of RF signals.
- Simultaneously programming multiple sensors.
- Quickly modifying Auzone sensor IDs.



## Features

### 2.2 Exterior



- ① **Sensor slots:** Used to place sensors.
- ② **USB port:** USB communication and charging.
- ③ **Reset hole:** Used to avoid re-inserting the battery in special cases.
- ④ **Display screen:** Used to show the operation interface.
- ⑤ **Activation key:** Used to activate and read the sensor information on the activation interface.
- ⑥ **Up key:** Toggle up.
- ⑦ **Return/Cancel key:** Return to the previous stage or cancel the operation.
- ⑧ **Enter/Confirmation key:** Confirm or enter the operation.
- ⑨ **Down key:** Toggle down.
- ⑩ **Power/Quick-return key:** On/off or quickly return to functions on the main interface.



## Features

### 2.3 Specifications

Display	2.8" TFT color display (320 x 240 DPI)
Battery	3.7V 3000mAh lithium battery
Operating temperature	0-50°C (32-122°F)
Storage temperature	-20-70°C (-4-158°F)
Dimensions	224.7mm * 94.5mm * 58.8mm (8.85" * 3.72" * 2.31")
Weight	0.29kg (0.64lb)

### 2.4 Charging time

This device has an in-built lithium-ion polymer rechargeable battery, adopts power adapter and USB charging, and takes roughly 4 hours to charge.

#### Note

Please use the original adapter and cable that come with the device to charge. Charging with other power sources may damage the device. This damage will not be covered by the warranty.

## 3. Basic functions

### 3.1 On/Off

**On:** When the device is off, press the "Power" button until the screen lights up (usually less than 1s).

**Off:** When the device is on, press the "Power" button for 3 seconds to turn it off.

**System reset:** When the device is unable to turn on or off normally, insert a paperclip or a small iron rod into the reset hole on the right side of the AT60 (the small hole next to the USB port), and gently press the reset button within. The system will then restart and turn off.

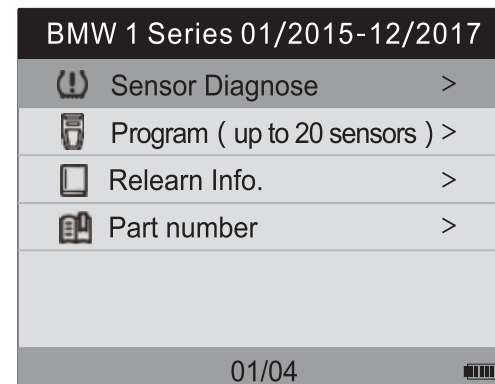


## Basic functions

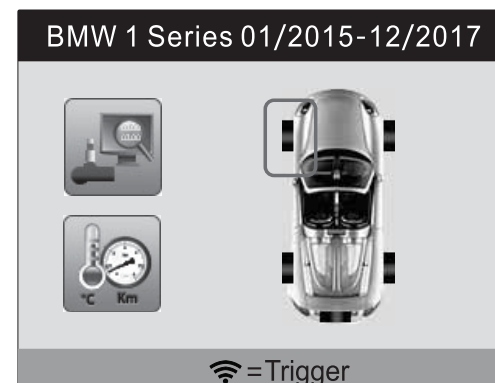
### 3.2 Activate/Read tire pressure (sensor) information

The AT60 can activate the original and third-party sensors to obtain current information from the tire pressure sensor, such as sensor ID, tire temperature, tire pressure, battery level, and sensor frequency. The operation procedure is as follows:

1. Select "Tire pressure diagnostics" on the main interface, then select the brand, model, and year of production of the vehicle requiring activation (some models also require you to select the corresponding number of wheels), and enter the feature selection interface.




2. Select "Sensor diagnostics" on this interface to enter the "Activate/Read" interface (some models also require you to select 4 or 5 wheels).

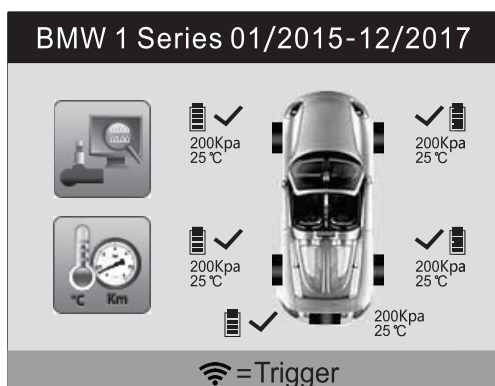




## Basic functions

3. To activate, use the "Up/Down" keys to select the tire position you want to activate/read.

4. Press the "Activation" key  (the button with a wireless signal). The device will activate the sensor. Once the activation is successful, the pressure, temperature, and sensor battery will be displayed in the corresponding locations. Note: Different models may display different content.



5. Then (on the main activation interface), you can press "OK" to view the activation details:

Sensor Status				
Pos	ID	KPa	°C	Bat.
LF	0123456789	200	25	
RF	0123456789	200	25	
RR	0123456789	200	25	
LR	0123456789	200	25	
SP	0123456789	200	25	

Press any key to return



## Basic functions

6. Select the toggle unit icon on the main activation interface to change the unit.

Note: The settings here are consistent with the the system settings.

**ID display:** hexadecimal, decimal

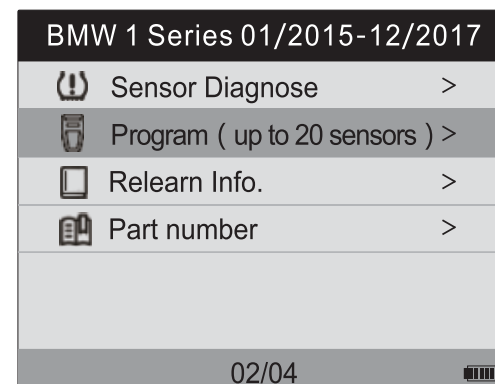
**Pressure:** kPa, bar, psi

**Temperature:** °C, °F

### 3.3 Sensor programming

The AT60 can carry out programming of programmable Auzone sensors. When programming, attention should be paid to select the programmable sensor with the same frequency as the corresponding vehicle sensor. Three sensor ID generation methods are supported: automatic ID generation, manual ID input, and activated ID duplication (you must activate/read the sensor ID you want to copy first). The specific operation procedure is as follows:

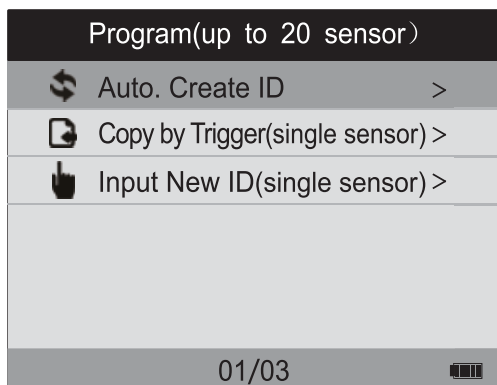
1. Select "Tire pressure diagnostics" on the main interface, then select the brand, model, and year of production of the vehicle requiring programming (some models also require you to select the corresponding number of wheels), and enter the feature selection interface.



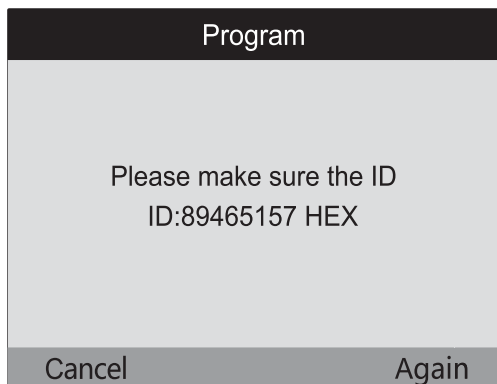


## Basic functions

2. Select "Sensor programming (1-20)" to enter the ID creation interface.

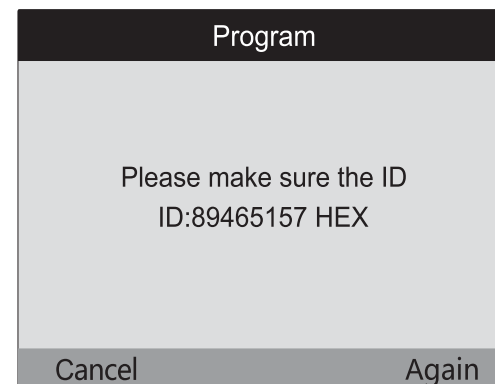


① Automatic ID creation: Select "Automatic ID generation" to enter the ID confirmation interface.

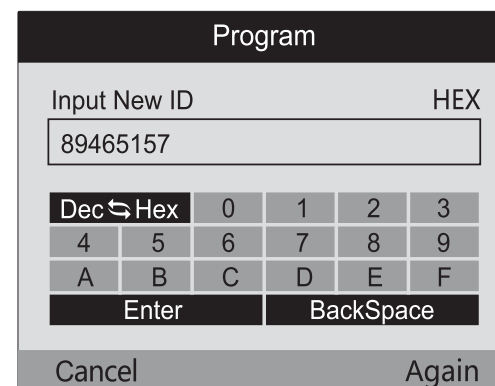


## Basic functions

② Activated ID duplication: Select "Activated ID duplication (single)" to enter the ID confirmation interface.

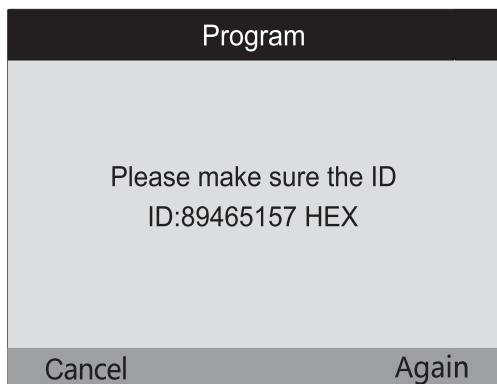


③ Manual ID creation: Select "Manual ID input (single)" to enter the ID input interface. Press the "Up/Down" keys to select the value you want to enter, then press "OK" to enter the corresponding value ("Backspace" can be used to delete the value entered, and **Dec↔Hex** can switch between input systems). Select "Enter" to complete the ID input and enter the ID confirmation interface.

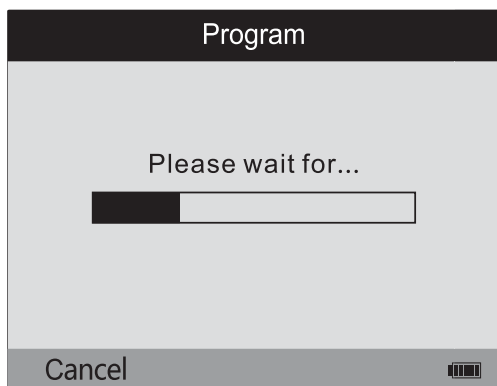




## Basic functions



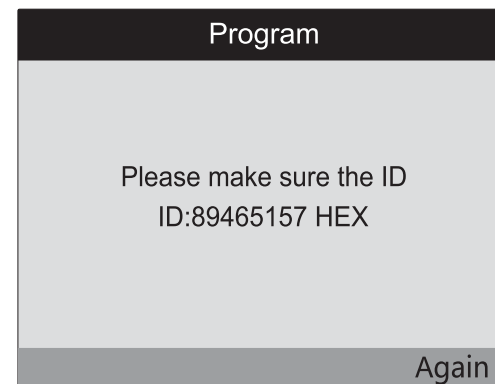
3. Place the sensor requiring programming within 30cm of the AT60, then press "OK" to confirm the ID. Once confirmed, the device will automatically search for and program the sensor.



4. Once programming is complete, a success prompt will be displayed. Press "OK" to return to the main activation interface.



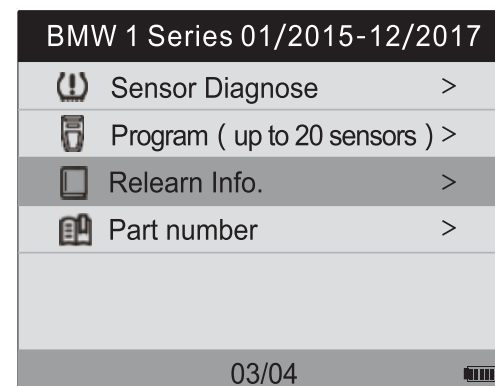
## Basic functions



### 3.4 View learning method

View "Learning information" to understand how the current vehicle learns/identifies new sensor IDs. The specific procedure is as follows:

1. Select "Tire pressure diagnostics" on the main interface, then select the brand, model, and year of production of the vehicle you want to view, and enter the feature selection interface.

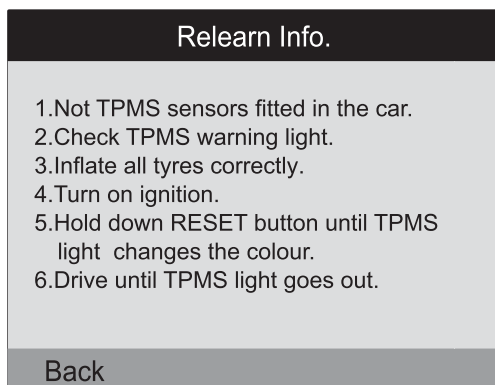






## Basic functions

2. Select "Learning information" and press "OK" to view the learning information, as shown below:



3. Press the "Up/Down" keys to move between pages. Press "Return" to return.

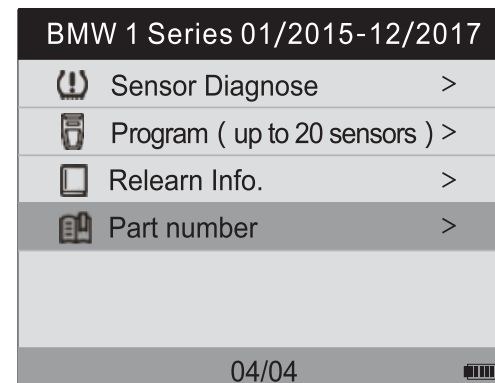
### 3.5 View part number

View "Part number" to understand the sensor part number applicable to the current vehicle. The specific procedure is as follows:

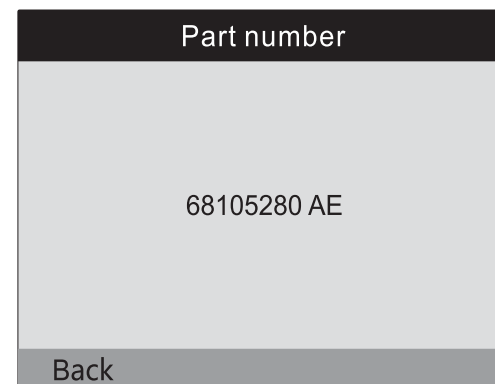
1. Select "Tire pressure diagnostics" on the main interface, then select the brand, model, and year of production of the vehicle you want to view, and enter the feature selection interface.



## Basic functions



2. Select "Part number" and press "OK" to view the part number, as shown below:



3. Press the "Up/Down" keys to move between pages. Press "Return" to return.



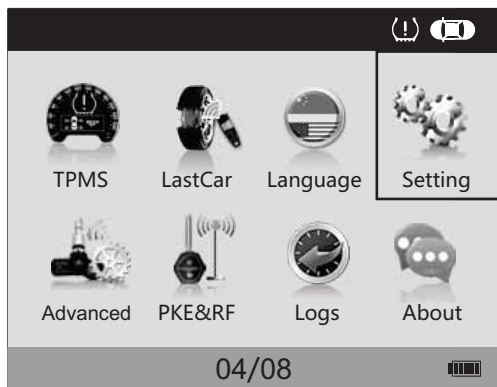




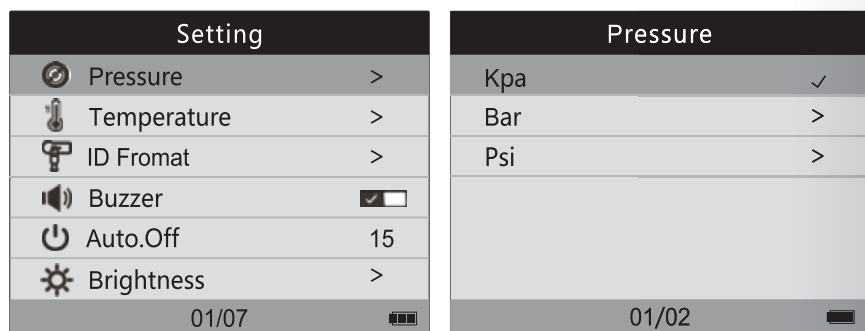
## System functions

### 4.2 Switching units

In the main menu, enter "System settings" by using the "Up/Down" and "OK" keys. Continue to use these keys to change the unit.

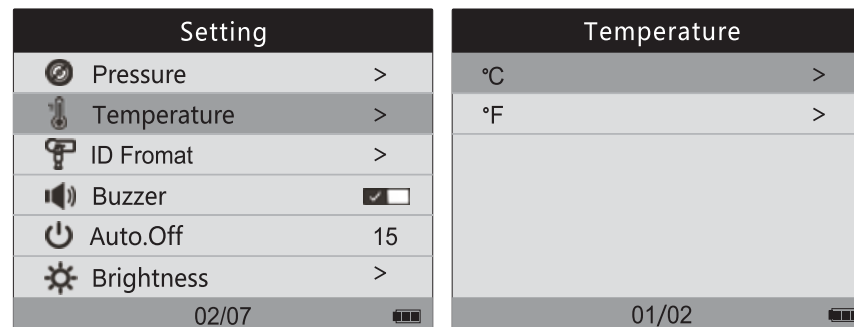


#### ① Switching the tire pressure unit

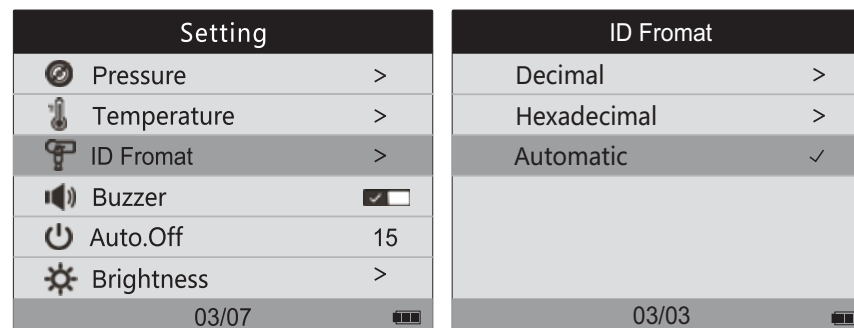


## System functions

#### ② Switching the temperature unit



#### ③ Switching the ID format

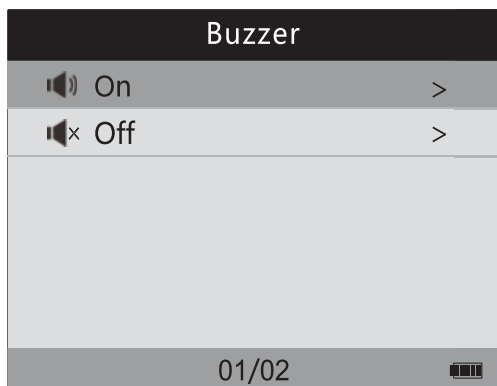
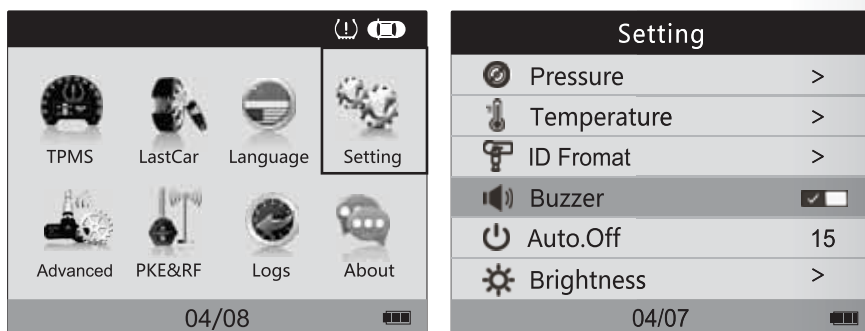




## System functions

### 4.3 Buzzer settings

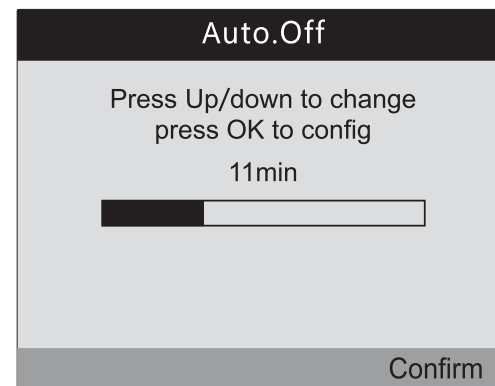
In the main menu, enter "System settings" by using the "Up/Down" and "OK" keys. Continue to use these keys to enter "Buzzer settings". Press "Up/Down" to toggle on/off, then press "OK" to confirm. You will automatically return to the previous interface once confirmed, as shown below:



## System functions

### 4.4 Auto-shutdown settings

In the main menu, enter "System settings" by using the "Up/Down" and "OK" keys. Continue to use these keys to enter "Auto-shutdown settings". Press "Up/Down" to adjust and press "OK" to confirm. Set the time and press "OK". You will automatically return to the previous interface once complete, as shown below:

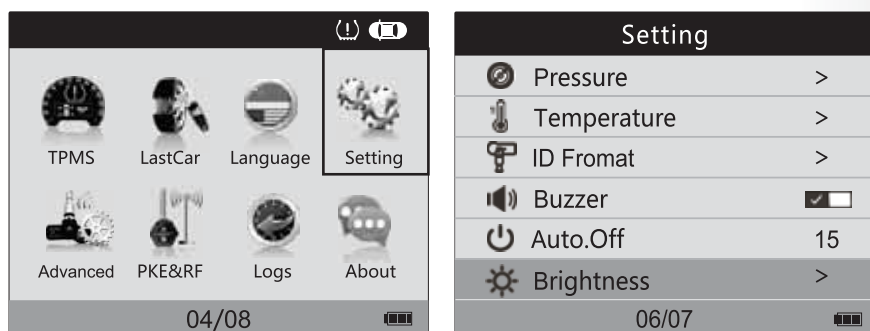




## System functions

### 4.5 Brightness settings

In the main menu, enter "System settings" by using the "Up/Down" and "OK" keys. Continue to use these keys to enter "Brightness settings". Press "Up/Down" to adjust and press "OK" to confirm. Set the brightness and press "OK". You will automatically return to the previous interface once complete, as shown below:



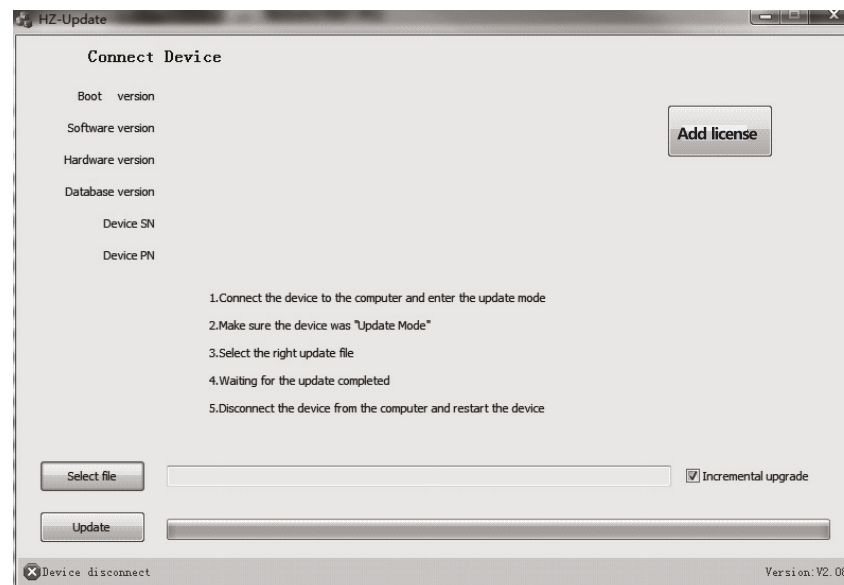
## System functions

### 4.6 Device upgrade

1. Download and install the upgrade tool software that comes with the device or via the official website [www.hz-tpms.com](http://www.hz-tpms.com). Once the PC upgrade software is successfully installed, the following shortcut will be generated:



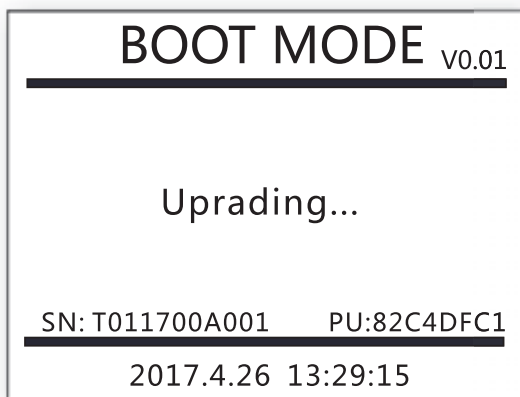
2. Connect the AT60 to a PC using a USB cable and open the PC software.



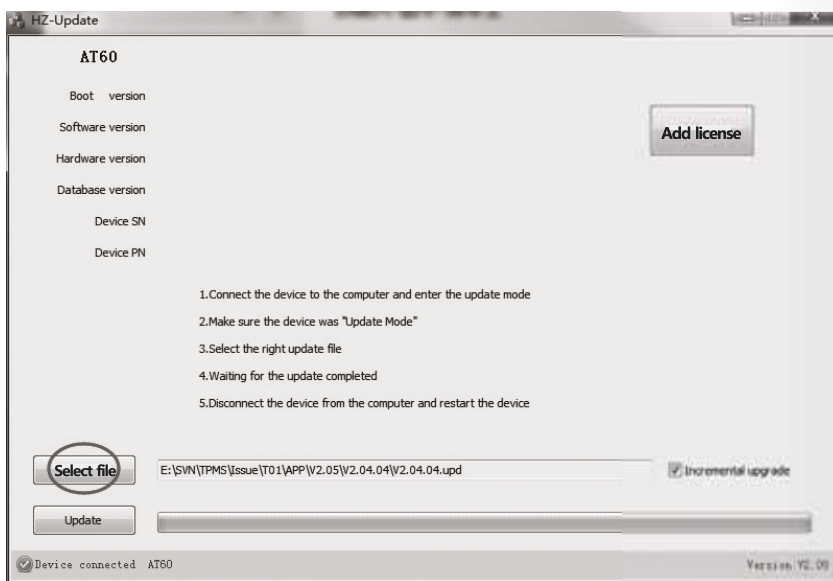


## System functions

3. Enter "Upgrade mode" in the AT60 system settings, and the following interface will be displayed:

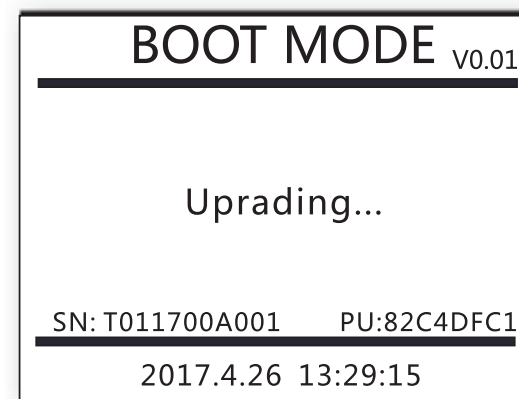
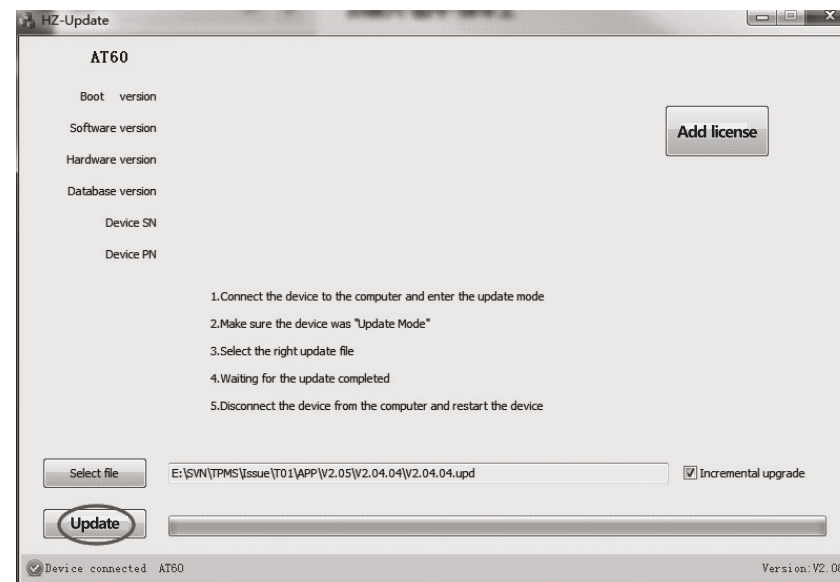


4. Go to "Select file" to select the upgrade package "\*.upd" from the official website or your email.



## System functions

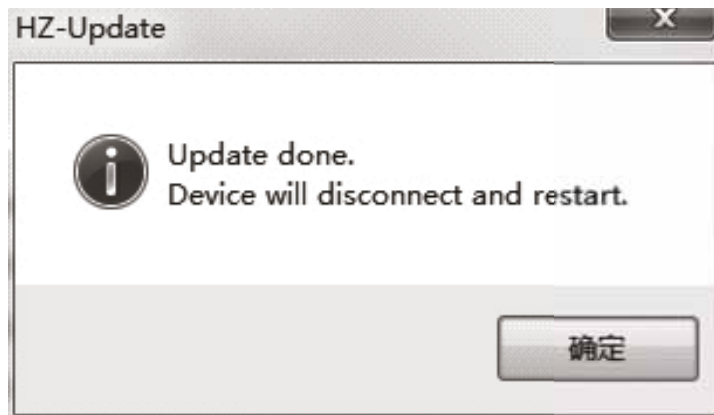
5. Click "Update" to perform the upgrade. The following PC software and AT60 display interfaces will be displayed during the upgrade:





## System functions

6. Once the upgrade is complete, AT60 will automatically restart and the PC software will prompt that the upgrade is complete (as shown in the figure).



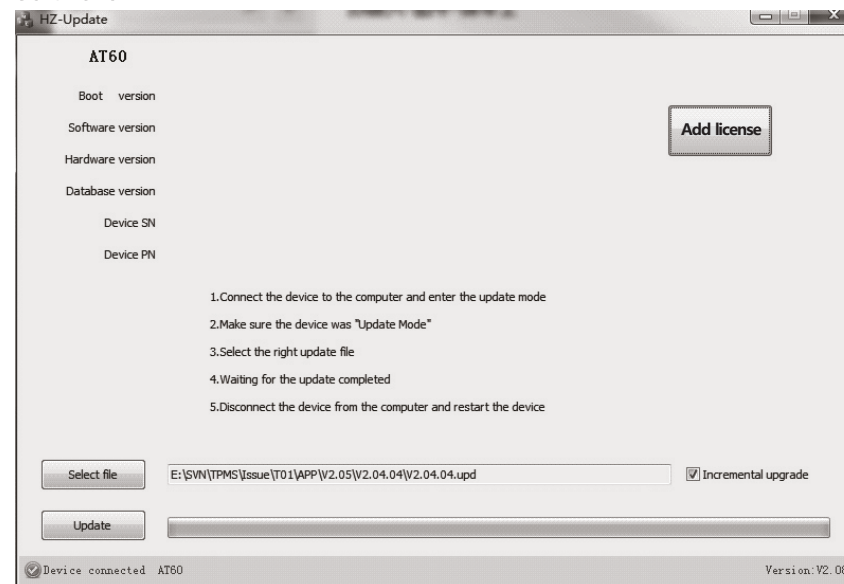
### 4.7 Add authorization

1. Download and install the upgrade tool software that comes with the device or via the official website [www.hz-tpms.com](http://www.hz-tpms.com). Once the PC upgrade software is successfully installed, the following shortcut will be displayed:

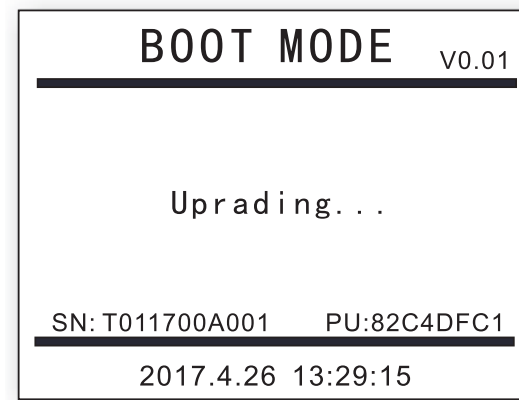


## System functions

2. Connect the AT60 to a PC using a USB cable and open the PC software.



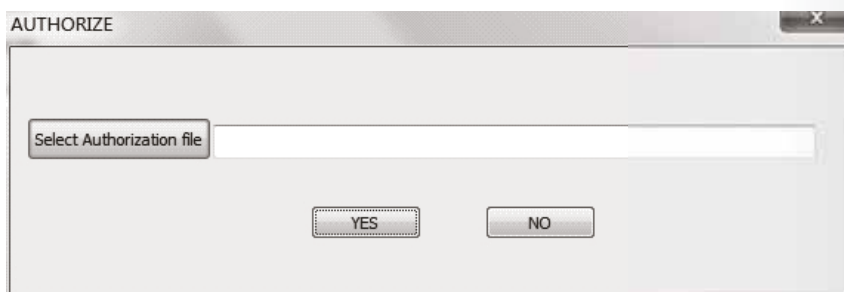
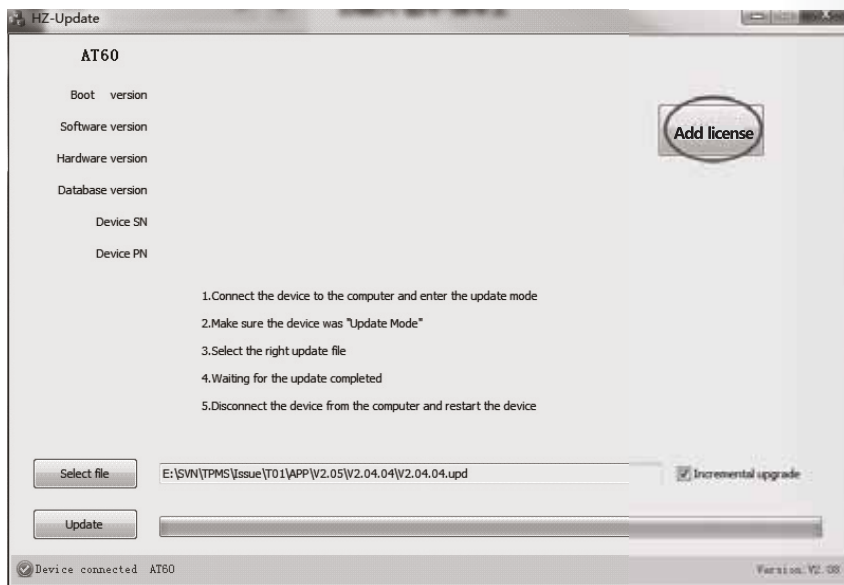
3. Enter "Upgrade mode" in the AT60 system settings, and the following interface will be displayed:





## System functions

4. Click "Add license" to enter the authorization file selection dialog box.



5. Click "Select authorization file" to select the authorization file "\*.lc" from your email.



## System functions

6. Click "Yes" to add.

### 4.8 View device information


On the main interface of AT60, select "Device information" to view the following information:

1. Tool version
2. Hardware version
3. Library version
4. Production date
5. Serial number (SN)
6. Production/Batch number (PN)
7. Device password (PW)
8. Authorization information

## 5. Advanced features

### 5.1 Multi-sensor programming

This feature allows for programming 20 sensors at once.

Advanced	
Multi-Sensor programming	>
Modify ID	>
Modify Sensor Location	>
Read Sensor PSN	>
01/04 	





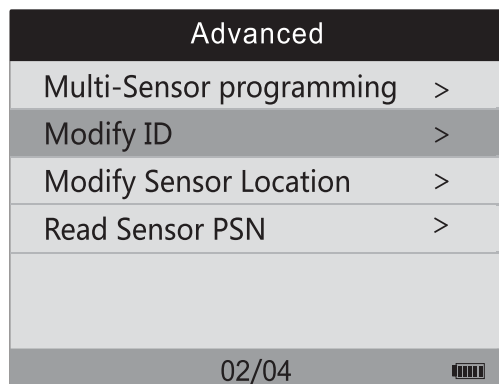
## Advanced features

The specific operation procedure is as follows:

1. On the main interface, select "Advanced features" to enter the feature selection interface.
2. Place the sensors (no more than 20) within 30cm of the device. Select "Multi-sensor programming", then select the brand, model, and year of production to enter the sensor detection interface.
3. If the number of sensors detected is consistent with the actual number, press "OK" to start programming. If not, press "Cancel" and try again.
4. Once programming is complete, press the "Up/Down" keys to view all newly generated IDs. Press "OK" to return.

### 5.2 Quickly alter an ID

The AT60 supports quick modification of IDs. Sensor IDs for the same model vehicle can be changed without the need for programming. The same sensor can be modified up to 3 times.



The specific procedure is as follows:

1. On the main interface, select "Advanced features" to enter the feature selection interface.
2. Select "Quick ID modification" and the sensor frequency to enter the ID input interface.

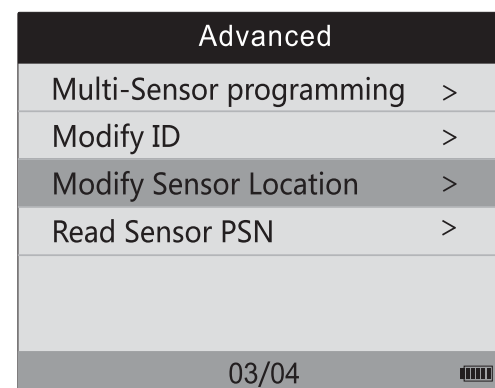


## Advanced features

3. After entering the new ID, press "OK" to enter the ID confirmation interface.
4. Press "OK" to modify the ID.
5. Once modification is complete, press "OK" to return.

### 5.3 Modify the sensor location

The AT60 supports quick modification of sensor location. Sensors for the same model vehicle can be changed without the need for programming. The same sensor can be modified up to 3 times.



The specific procedure is as follows:

1. On the main interface, select "Advanced features" to enter the feature selection interface.
2. Select "Sensor location modification" and the sensor frequency to enter the location selection interface.
3. After selecting the new location, press "OK" to modify.
4. Once modification is complete, press "OK" to return.

### 5.4 RF detection

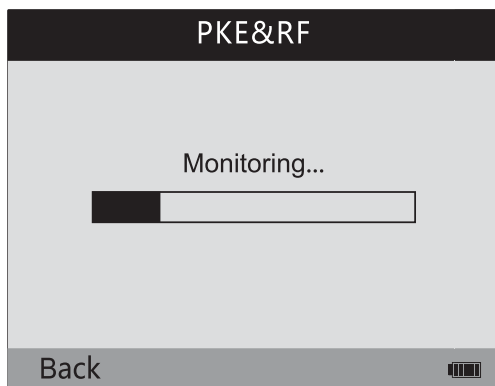
The RF detection function is used to detect the emission frequency and emission intensity of the tire pressure sensor and car key. When this function is in use, please ensure that the sensor or car key is



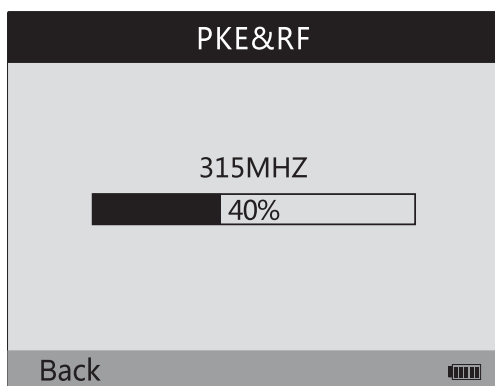
## Advanced features

in a state of sending data. The specific operation procedure is as follows:

1. On the main interface, select "RF detection" to enter the RF detection interface.



2. Activate the sensor or press the car key button to view the emission frequency and intensity of the sensor or car key.



3. Press "Return" to return to the main interface.



## Services and support

### 6. Services and support

In order to better provide consumers with satisfactory products and services, Auzone strictly operates according to local laws and regulations.

1. Consumers should keep their product's receipt after purchase.
2. Auzone products can be refunded, exchanged, or repaired following failure that occurs in normal use during the first 7 days after purchase. Consumers receive a free 1-year warranty covering failure not caused by human error on Auzone products. For consumers who do not qualify for the free replacement or warranty service, Auzone still offers technical services and only charges material fees when repairs require replacement parts. (The transportation cost of products to be repaired is borne by the consumers.)
3. The purchase time is based on the receipt date issued by the distributor.
4. The warranty service does not apply in the following situations:
  - a All failure and damage caused by human error, use in an improper working environment, and not following guidance specified in the instruction manual;
  - b Unauthorized demolition, repair or product modification;
  - c Damage caused by transporting the products after purchase;
  - d Damage caused by force majeure events (such as floods, lightning strikes, earthquakes, and abnormal voltages);
  - e Products not belonging to Auzone (such as fake copies); and
  - f Failure to provide proof of purchase, warranty card, etc.
5. If you have any questions, please contact your local distributor or visit our website at [www.hz-tpms.com](http://www.hz-tpms.com)



## warning

### warning

#### FCC ID

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. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



## warning

### IC

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux CNR exemptes de licence d'Industrie Canada . Son fonctionnement est soumis aux deux conditions suivantes :

- ( 1 ) Ce dispositif ne peut causer d'interférences ; et
- ( 2 ) Ce dispositif doit accepter toute interférence , y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.