USER GUIDE

ATEQ VT36

Version HA1-00

www.ateq.com

Reference: UM-36400A-F

REVISION OF THE ATEQ VT36 MANUAL

Due to continuing improvements, the information contained in this user manual, the features and design of this device are subject to be changed without prior notice.

Edition/ Revision	**Reference**	**Date** (week/year)	**Chapters updated**
First edition	UM-36400A-U	41/2015	-----

TABLE OF CONTENTS

User guide 2

VT36 TPMS TOOL 2

1. SPECIFICATIONS 2
2. IMPORTANT SAFETY INSTRUCTIONS 3
3. CAUTION 4
4. FUNCTION KEYS 5
5. POWER ON 6
6. OPERATING INSTRUCTIONS 7

VT36 USE 8

1. CHECK SENSOR 8
2. PROGRAM BLANK SENSOR 11
3. PART # LOOKUP 15

SETTINGS 17

1. ENTER SETTINGS MENU 17

LANGUAGE 21

1. ENTER LANGUAGES MENU 21

ABOUT 22

1. ENTER IN THE ABOUT MENU 22

ZONE 23

1. ENTER IN THE ZONE MENU 23

MISCELLANEOUS 24

1. CHARGE 24
2. TROUBLESHOOTING 25
3. TOOL UPDATE 25
4. LIMITED HARDWARE WARRANTY 27
5. SAFETY BATTERY AND CHARGE INFORMATION 28
6. RECYCLING 29

Index 30

User guide

VT36 TPMS TOOL

1. SPECIFICATIONS

Battery Type:	Rechargeable Lithium Ion
Battery Life:	Approximately 400 activations per full charge.
Dimensions (Max. L,W,D):	6.5" x 3.7" x 1.5" (16.5 cm x 9.5 cm x 3.8 cm).
Case Material:	High Impact ABS.
Response Frequency:	Main frequencies: 315 MHz and 433.92 MHz (supporting most specific frequencies).
Low Battery Indication:	LCD bar graph display.
Weight:	Approx. 2 lbs.
Temperature:	Operating: -4° F to 131° F (-20° C to +55° C). Storage: -40°F to 140° F (-40° C to +60° C).
Operating Altitude:	Up to 6560 ft (2000 m).

2. IMPORTANT SAFETY INSTRUCTIONS

Do not discard. Retain for future reference.

This device complies with Part 15 of the FCC Rules

Operation is subject to the following two conditions:

(1) This device will not cause harmful interference, and

(2) This device will accept any interference received, including interference that may cause undesired or improper operation.

WARNING: This product emits electromagnetic and electronically generated waves that may interfere with the safe operation of **pacemakers**.

Individuals that have pacemakers should never use this product.

WARNING:

Do not use on live electrical circuits.

Must read instructions before use.

Wear safety goggles. (User and bystanders).

Risk of entanglement.

Read the Warranty, Safety and Recycling information at the end of this user guide.

3. CAUTION

READ THESE INSTRUCTIONS BEFORE USING

Your Tire Pressure Monitoring (TPM) tool has been designed to be durable, safe, and reliable when properly used.

All **TPMS TOOLS** are intended to be used only by qualified and trained automotive technicians or in a light industrial repair shop environment. Please read all instructions below before using. Always follow these safety instructions. If you have any questions pertaining to the safe or reliability use of this tool, please call your local dealer.

1. Read All Instructions

All warnings on the tool and in this manual should be adhered to. All operating instructions should be followed.

2. Retain Instructions

The safety and operating instructions should be retained for future reference.

3. Heed Warnings

User and bystanders must wear safety goggles and must read instructions before use. Do not use on live electrical circuits, risk of entanglement.

4. Cleaning

Clean with a soft dry cloth, or if necessary, a soft damp cloth. Do not use any harsh chemical solvents such as acetone, thinner, brake cleaner, alcohol, etc as this may damage the plastic surface.

5. Water & Moisture

Do not use this tool where contact or immersion in water is a possibility. Never spill liquid of any kind onto the tool.

6. Storage

Do not use or store the tool in an area where it is exposed to direct sunlight or excessive moisture.

7. Use

To reduce the risk of fire, do not operate the tool in the vicinity of open containers or flammable liquids. Do not use if the potential for explosive gas or vapors exists. Keep the tool away from heat generating sources. Do not operate the tool with the battery cover removed.

4. FUNCTION KEYS

	Power ON /OFF switch		Test or trigger sensor.
	Next, continue or confirm.		Cancel, previous step.
	Navigate to select "**up**".		Navigate to select "**down**".
	Navigate to select "**left**".		Navigate to select "**right**".

5. POWER ON

Press key to turn on device, the **TPMS TOOL**

➢ Displays first the VT logo as Fig. 1.

Fig. 1

➢ The software version as Fig. 2.

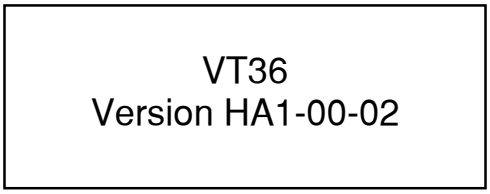


Fig. 2

➢ At first starting or after a factory reset, the work zone is asked as Fig. 3.

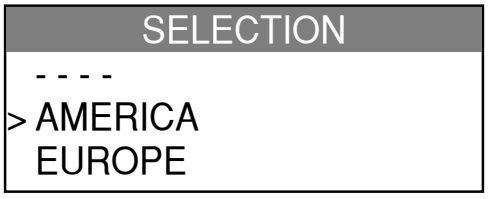


Fig. 3

➢ Then reverts to the **MAIN MENU** as Fig. 4.

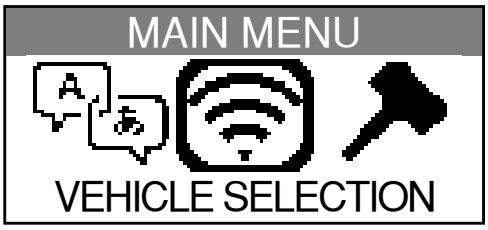


Fig. 4

6. OPERATING INSTRUCTIONS

6.1. TPMS TOOL OVERVIEW

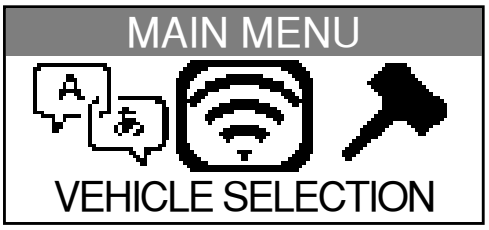
Read and diagnose sensors.

Service Procedure

Read Sensor Test

Before servicing the tires/wheels, using your **TPMS TOOL**, trigger each of the vehicle's sensors to make sure they are working properly.

This will eliminate the liability associated with replacing previously damaged or defective sensors.



This procedure will not change the vehicle settings because the vehicle has yet to be put into learn/retraining mode. This procedure allows you to quickly identify damaged or defective sensors, because some vehicles do not report a damaged or defective sensor condition on the instrument cluster for up to 20 minutes.

***Note**: If the sensors do not trigger, please refer to the Troubleshooting section of this Guide.*

Perform tire/wheel service.

Begin by triggering the driver's front left (LF) wheel sensor.

The same procedure should be followed on all wheel sensors, in a clockwise rotation.

We recommend you trigger each wheel sensor, one final time, to make sure they are working correctly prior to releasing the vehicle to the customer.

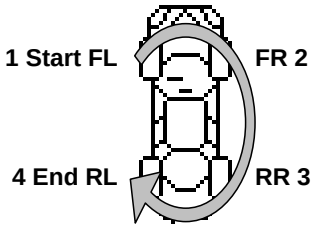


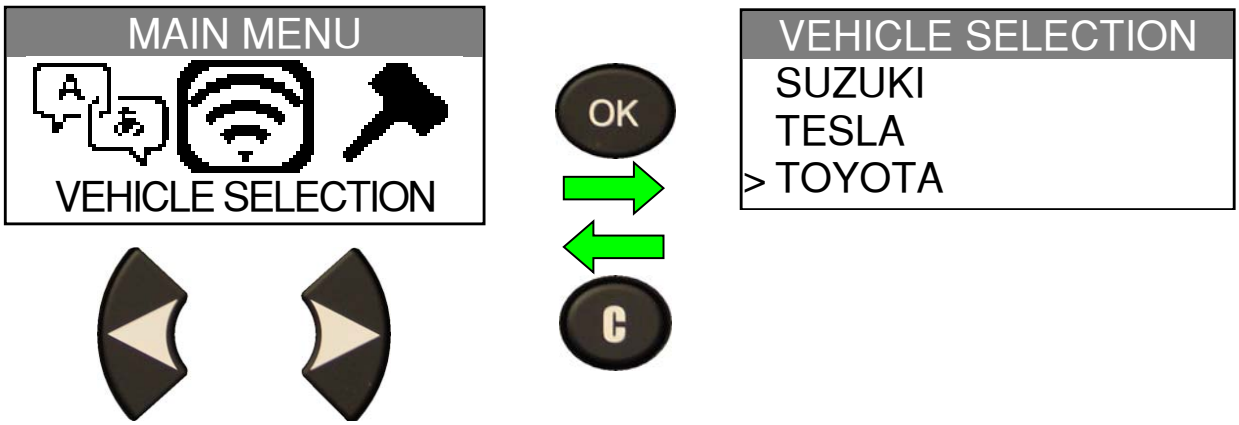
Fig. 5

VT36 USE

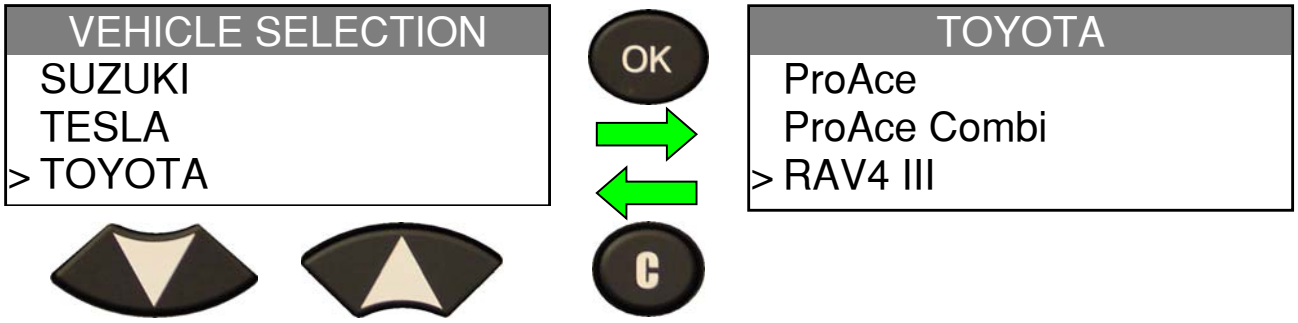
IMPORTANT:

Vehicle specific information in this manual is used as an example and may not represent specific instructions each make and model may require. When performing various functions with the tool, it is important to refer to the on-screen prompts and/or repair manual information.

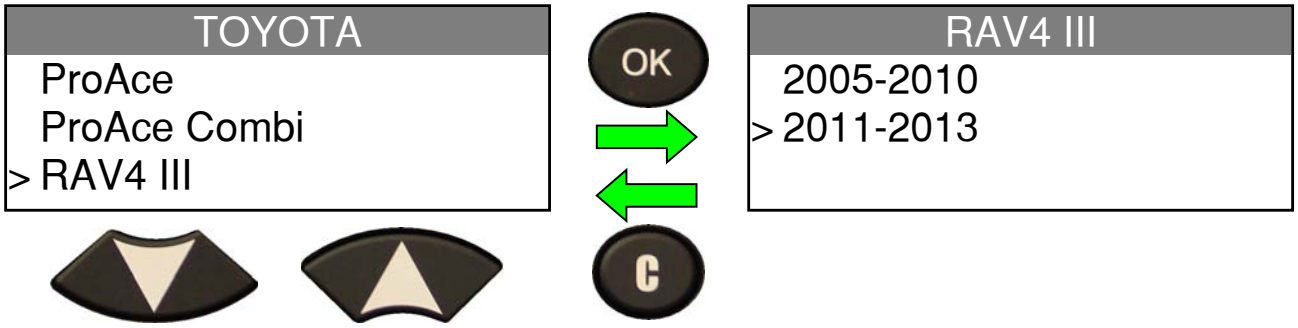
1. CHECK SENSOR



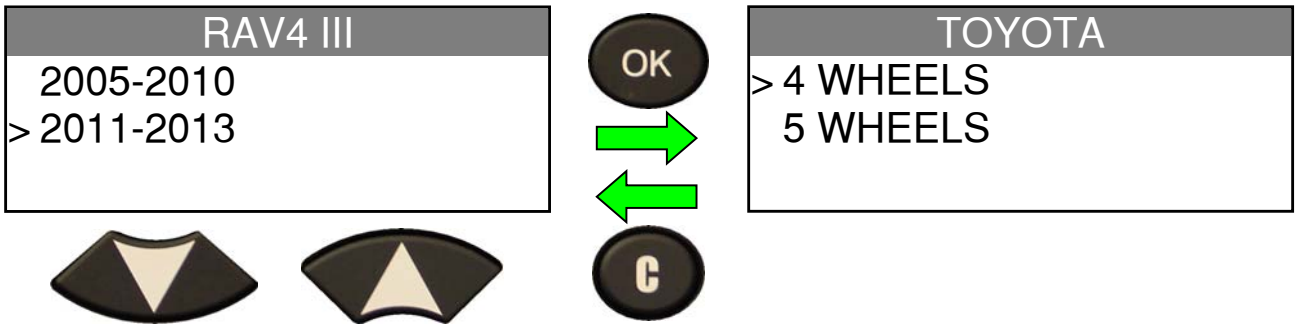
1.1. SELECT CAR MANUFACTURER



1.2. SELECT CAR MODEL

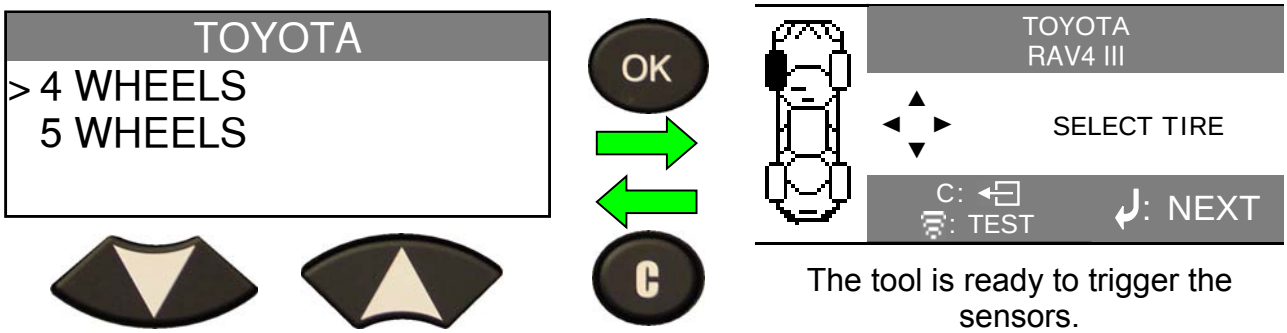


1.3. SELECT YEAR



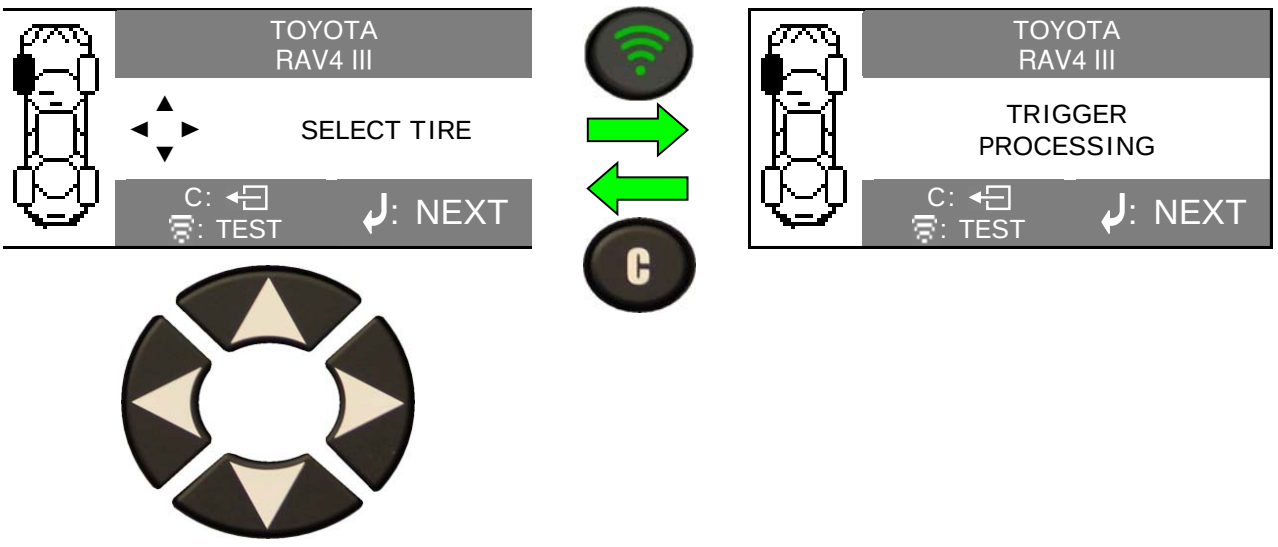
1.4. SELECT WHEEL NUMBER

This option does not appear for all vehicles.



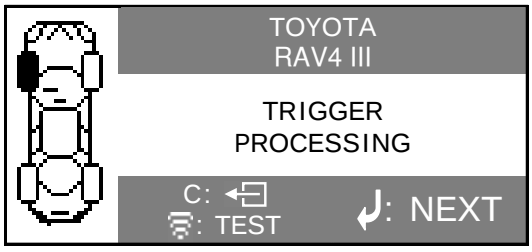
The tool is ready to trigger the sensors.

1.5. TEST SENSOR



For tire selection.

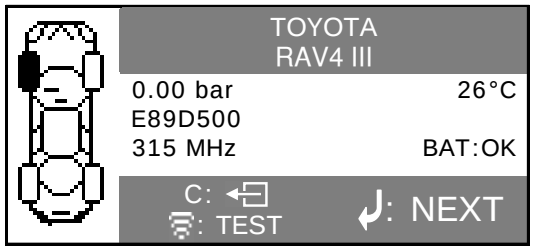
1.6. TEST RESULTS



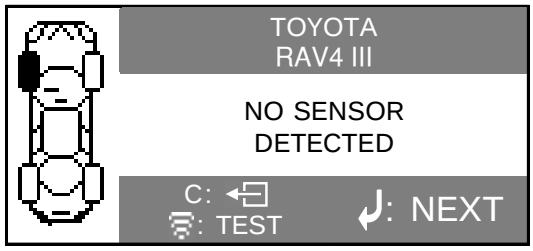
1: PASS: press OK to go to next tire.

2/3: FAIL.

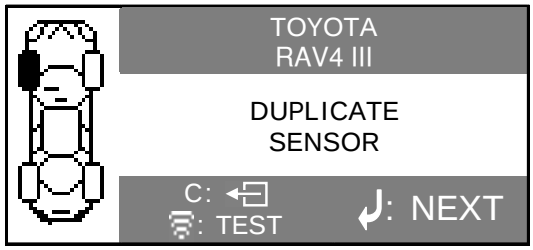
1: PASS



2: FAIL

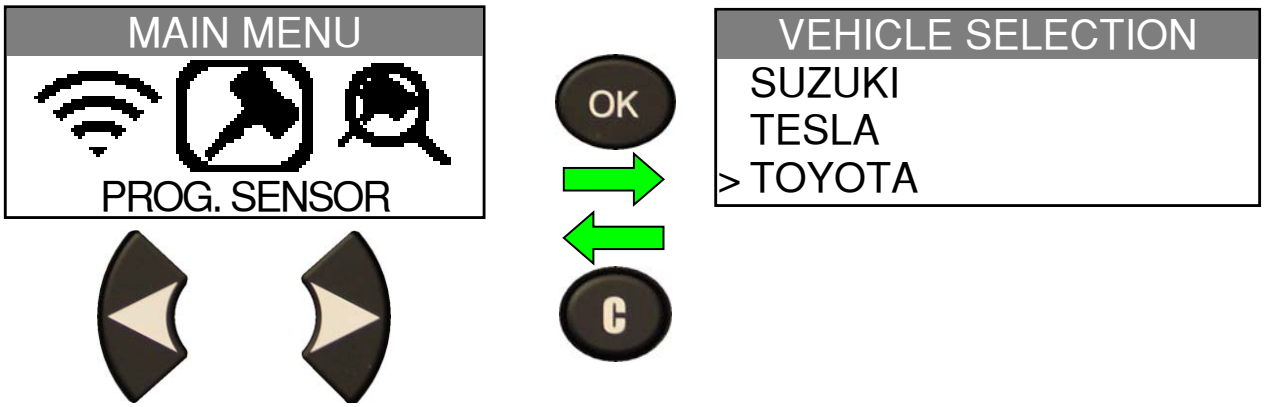


3: FAIL

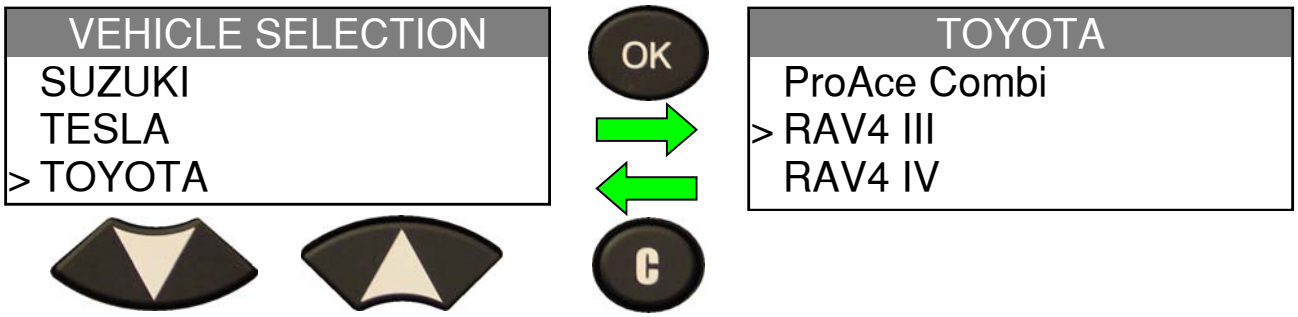


2. PROGRAM BLANK SENSOR

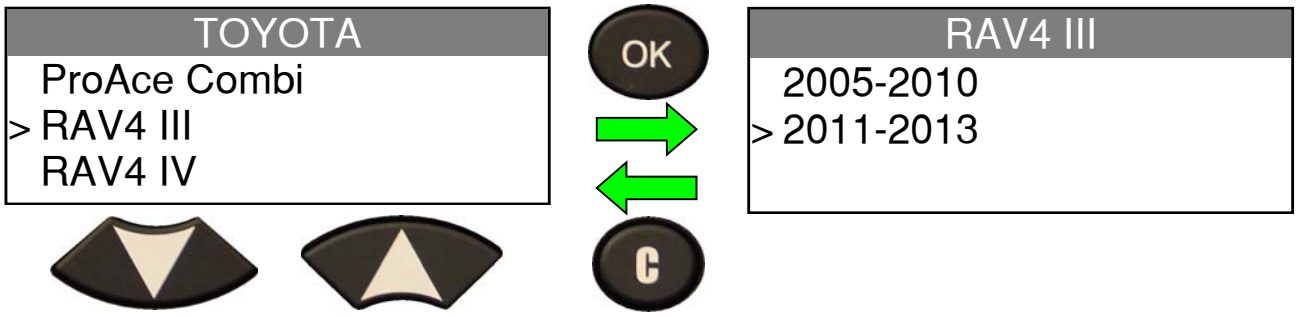
This section is to recover a sensor ID in order to enter it in the spare blank sensor. If the "old" sensor can be read, use the "**COPY ORIGINAL SENSOR**" section to recover the ID. If it can't be read, use the "**CREATE NEW SENSOR**" section to create a randomized ID.



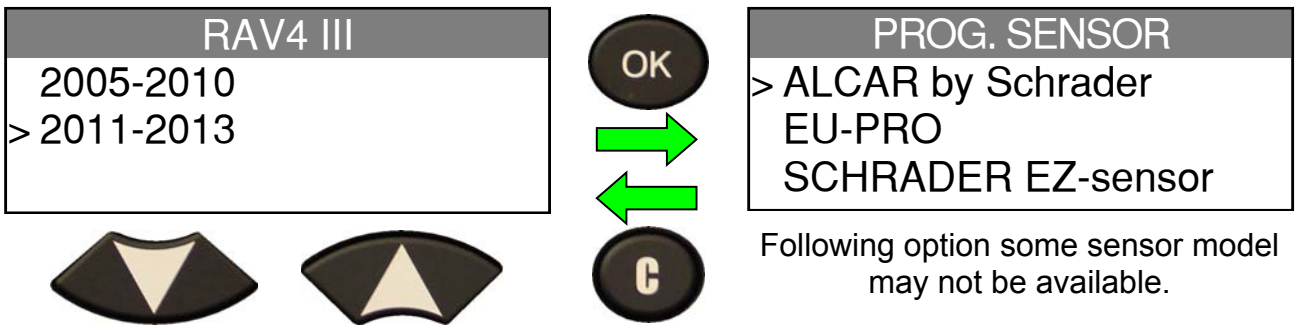
2.1. SELECT CAR MANUFACTURER



2.2. SELECT VEHICLE MODEL

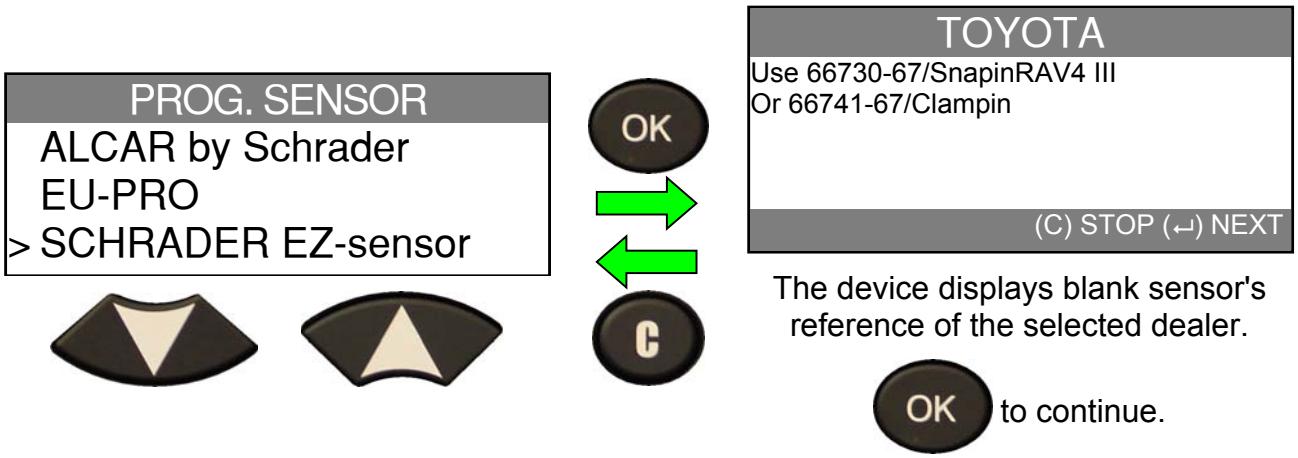


2.3. SELECT YEAR



Following option some sensor model may not be available.

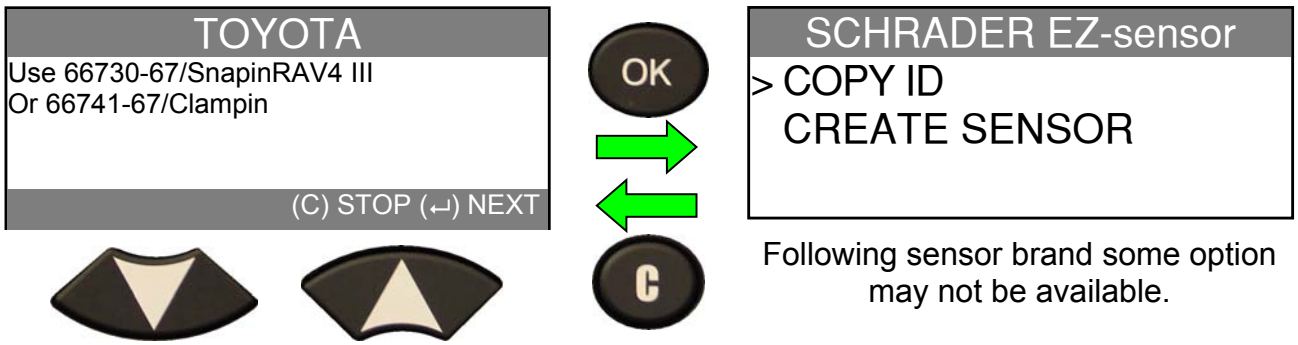
2.4. SELECT BLANK SENSOR MODEL



The device displays blank sensor's reference of the selected dealer.

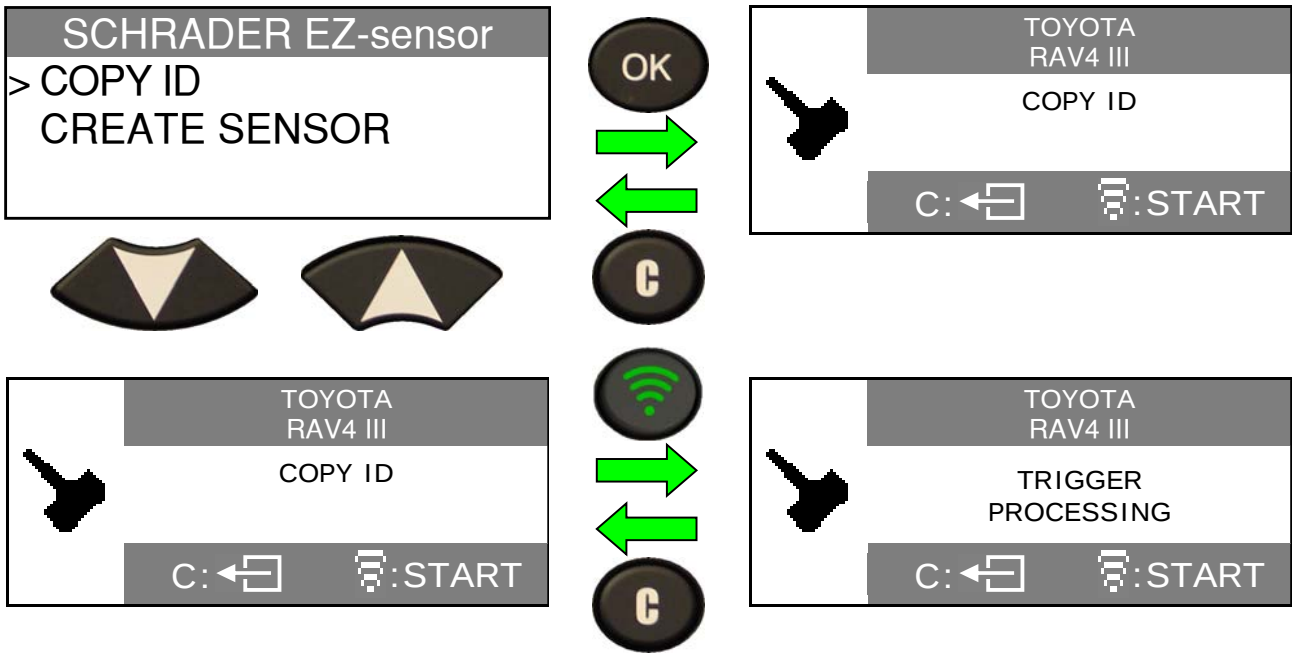
OK to continue.

2.5. SELECT THE OPTION

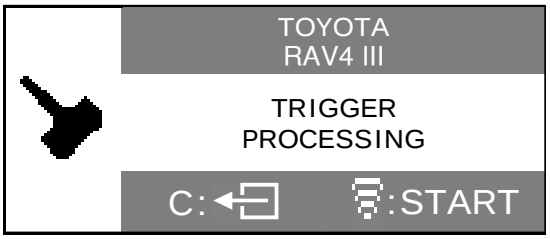


Following sensor brand some option may not be available.

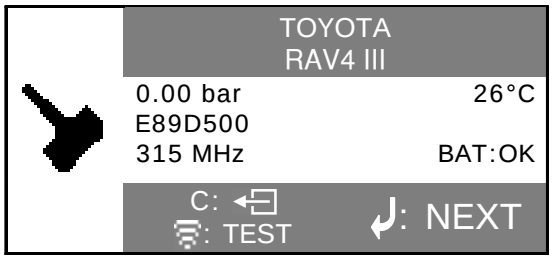
2.6. "COPY ORIGINAL SENSOR" SECTION



2.6.1. Test results

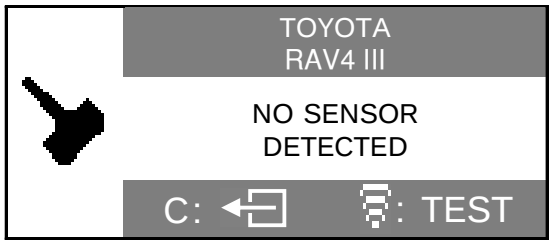


1: PASS: See "**Sensor reprogramming**" section.



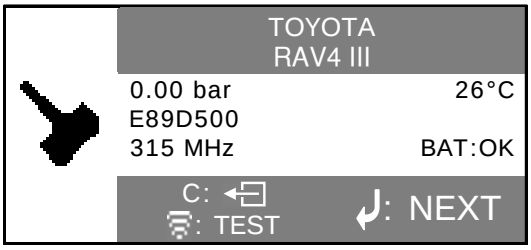
1: PASS

2: FAIL: press to test again.

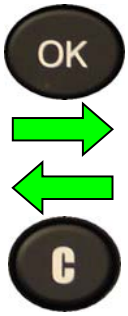


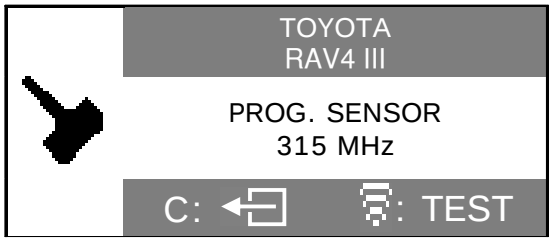
2: FAIL

2.7. PROGRAMMING SENSOR

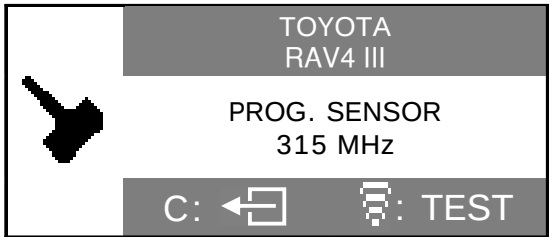


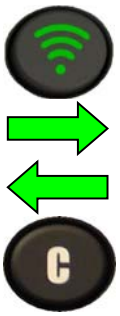
Hold the new programmable sensor near the device antenna.

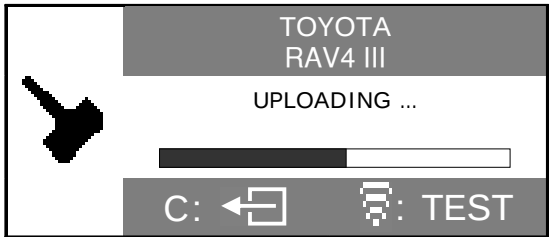


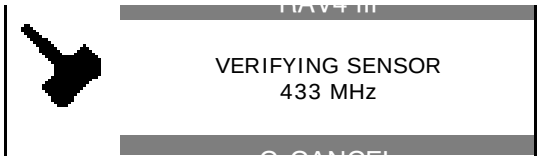


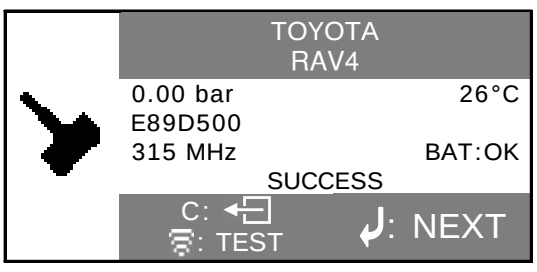
2.7.1. Results



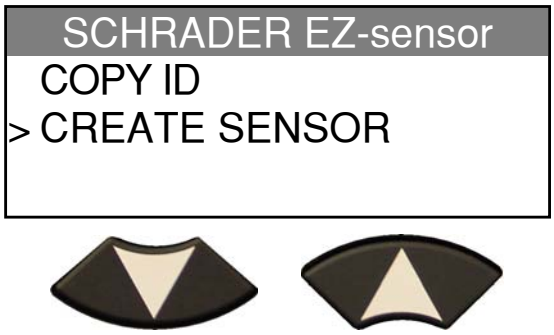


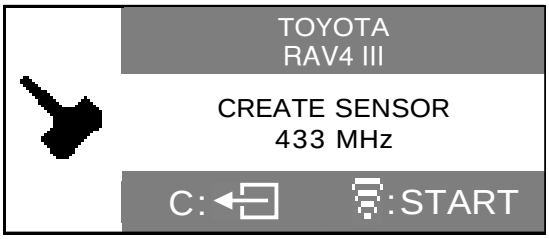






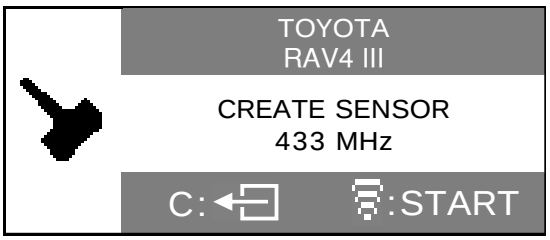
2.8. "CREATE NEW SENSOR" SECTION



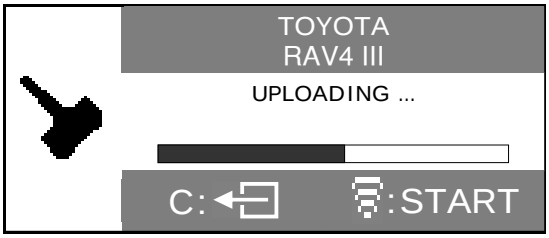


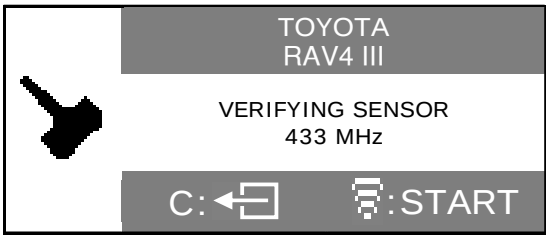
Hold the new programmable sensor near the device antenna.

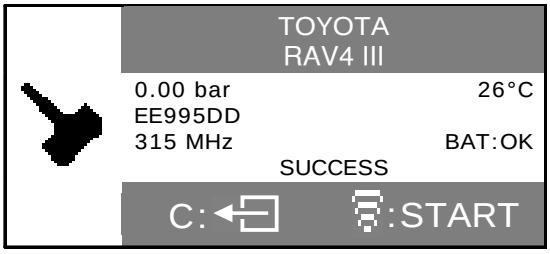
2.8.1. Results



***Note**: in this operation the ID is a random number.*

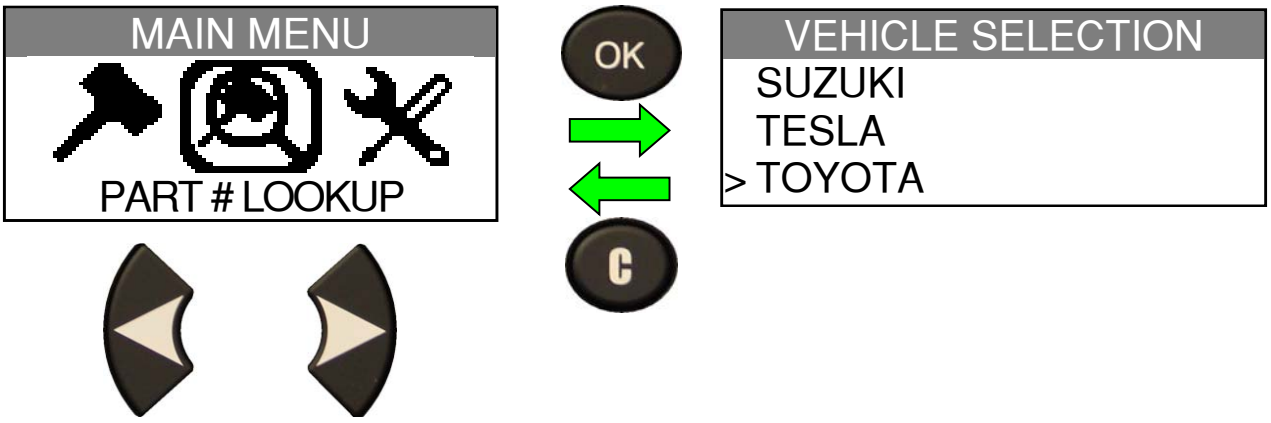




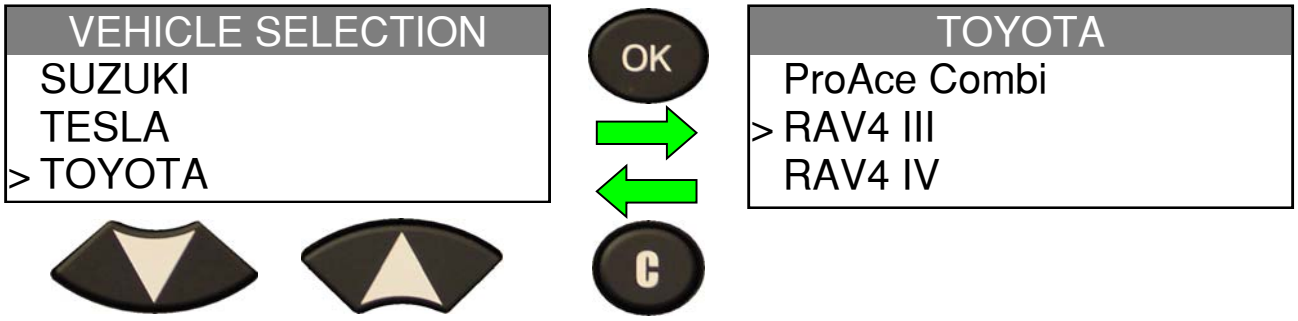


3. PART # LOOKUP

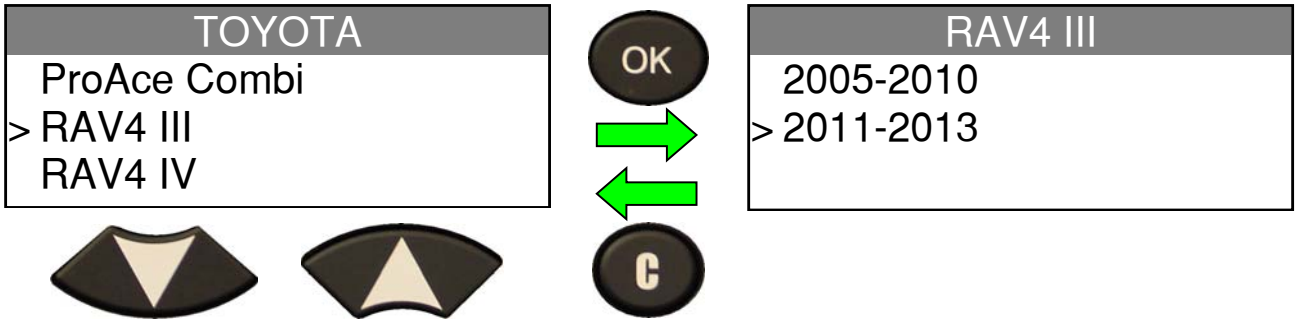
This is a spare parts data base for all the sensors available for all cars.



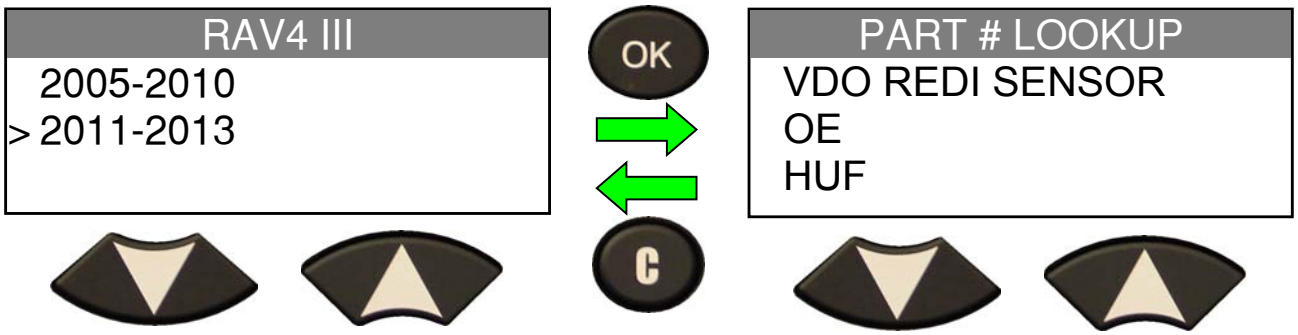
3.1. SELECT CAR MANUFACTURER



3.2. SELECT VEHICLE MODEL

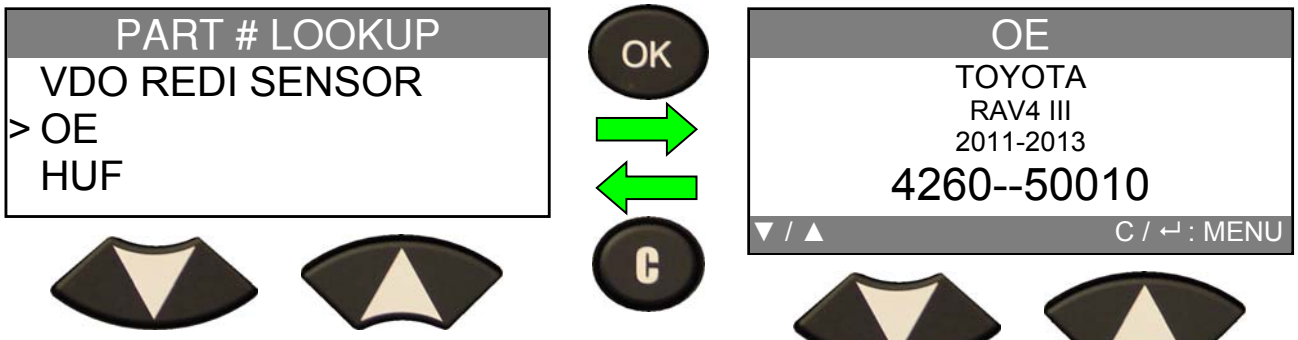


3.1. SELECT YEAR



to scroll dealers.

3.1. SELECT DEALER



Example of dealers:

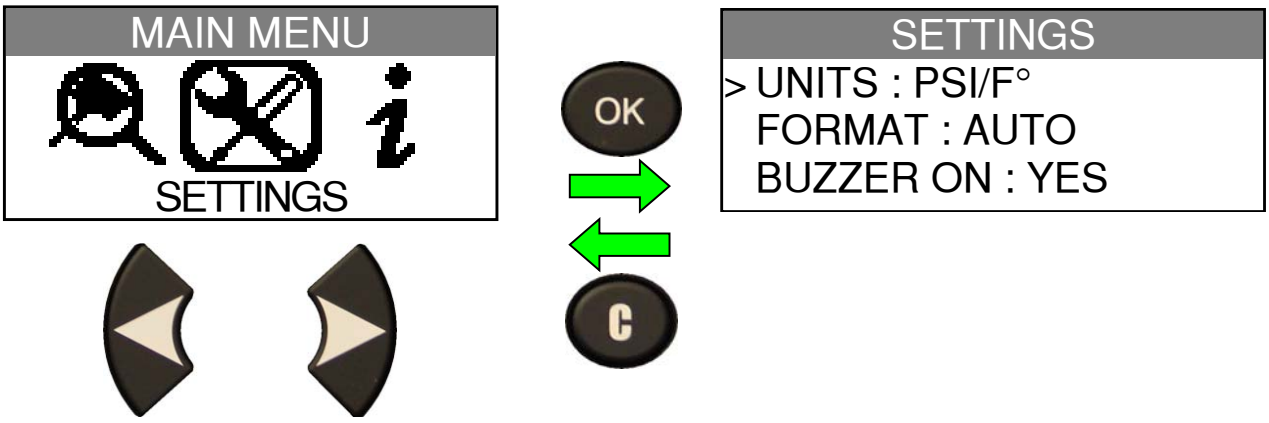
to scroll dealer's part number.

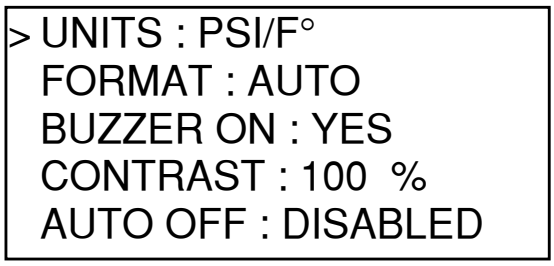
Example of information (Dealers and torques):

VDO REDI SENSOR	
OE	
HUF	
SCHRADER	Screw Torque N.m
OE Sensor ref	Nut Torque N.m
OE SERVICE KIT	
OE SERVICE VALVE	

SETTINGS

1. ENTER SETTINGS MENU





Complete listing.

Scroll up and down to select function or settings.

Enter menu or validate settings by enter key.

Key functional descriptions:

UNITS: change the air pressure and temperature display (kPa, Bar or PSI with F° or C°).

FORMAT: change the format of sensor ID display.

BUZZER: turn buzzer to ON or OFF (YES or NO).

BACK LIGHT: adjust LCD backlight brightness level (0% to 100%).

AUTO OFF: time to turn off the device automatically after not being operated.

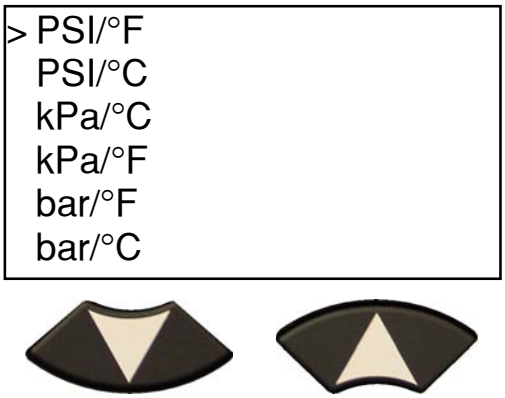
1.1. CHANGE UNITS SETTINGS

Scroll up and down to select function or settings.

OK

Enter settings parameter.

Complete listing.



Up or down to select the desired change.

OK Press to confirm the change and return to settings.

C Press to return settings without change.

1.2. CHANGE FORMAT SETTINGS

Scroll up and down to select function or settings.

OK

Enter settings parameter.

Complete listing.

Up or down to select the desired change.

OK Press to confirm the change and return to settings.

C Press to return settings without change.

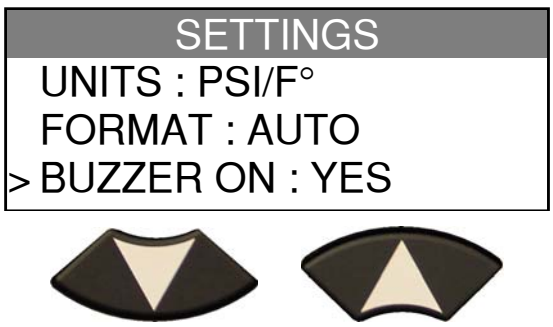
AUTO: display sensor ID format in the way sensor is transmitting.

DECIMAL: force to display sensor ID in decimal (0 to 9).

HEXADECIMAL: force to display sensor ID in hexadecimal (0 to F).

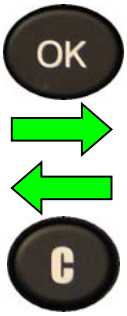
1.3. CHANGE BUZZER ON SETTINGS

When buzzer on is set to **YES**, a beep is triggered when the sensor ID is detected.

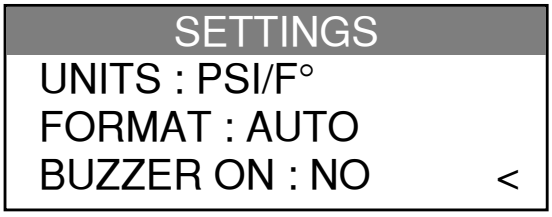


Scroll up and down to select function or settings.

Enter settings parameter.



Change by **YES** or **NO**.



Up or down to select the desired change.

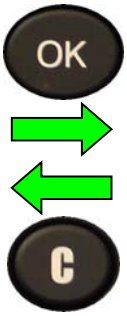
Press to confirm the change and return to settings.

Press to return settings without change.

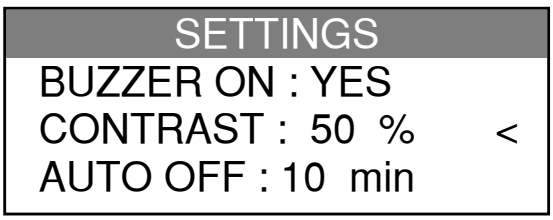
1.4. CHANGE CONTRAST SETTINGS

Scroll up and down to select function or settings.

Enter settings parameter.



Change by **0%** (backlight off) to **100%** (maximum).



Up or down to select the desired change.

Press to confirm the change and return to settings.

Press to return settings without change.

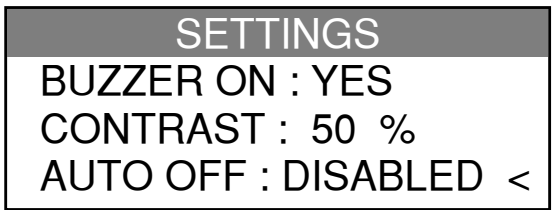
1.5. CHANGE AUTO OFF SETTINGS

Scroll up and down to select function or settings.

OK

Enter settings parameter.

Change by **60 min** (maximum) to **DISABLED** (never).



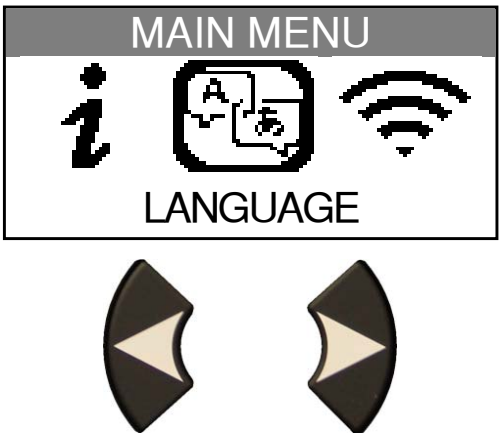
Up or down to select the desired change.

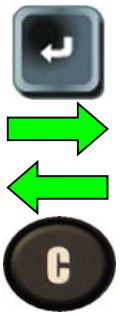
OK Press to confirm the change and return to settings.

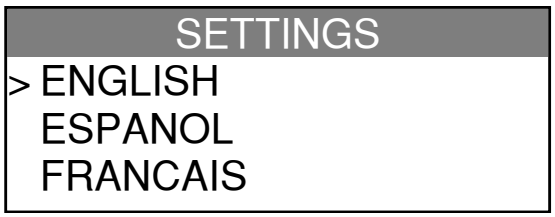
C Press to return settings without change.

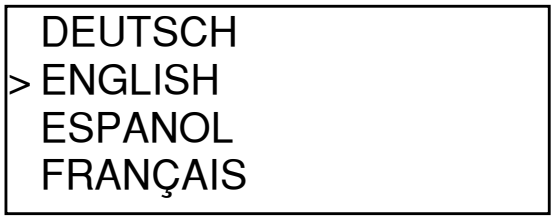
LANGUAGE

1. ENTER LANGUAGES MENU









Complete listing.

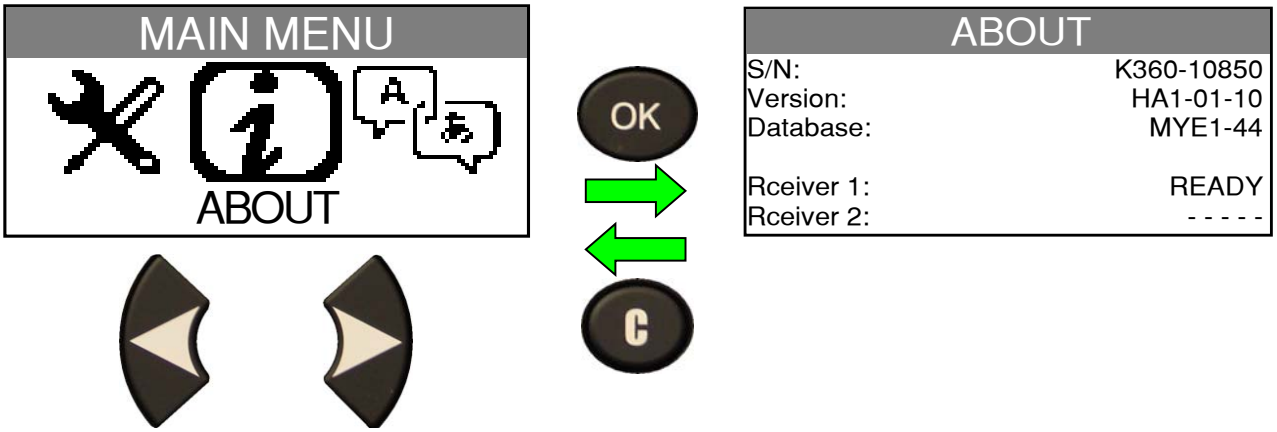
Scroll up and down to select language.

Validate by enter key.

ABOUT

1. ENTER IN THE ABOUT MENU

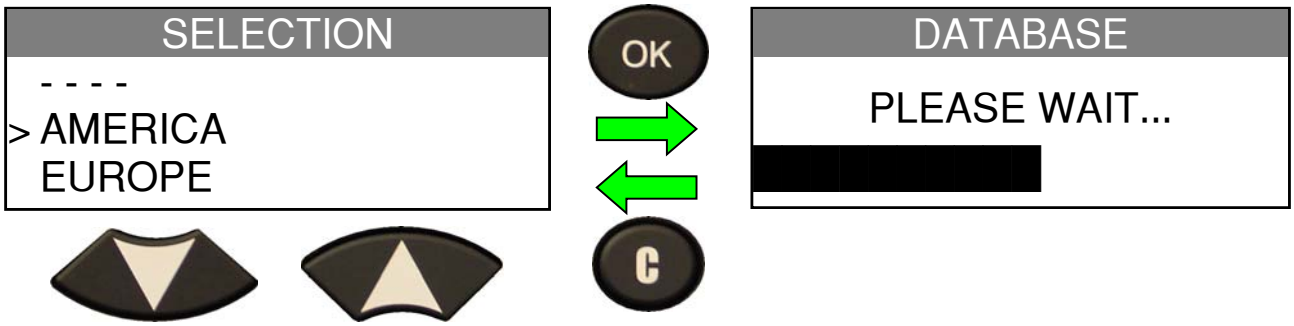
This is to display the current version and information about the device.



ZONE

1. ENTER IN THE ZONE MENU

A first starting or after a factory reset, the zone option appears on the screen.



Up or down to select the zone.

Press to enter.

For apply a factory reset to the device, please use the WebVT software.

Connect the **VT36** device to the PC, when recognized, enter into the "**Settings**" menu and then click on the "**Factory reset**" button.

MISCELLANEOUS

1. CHARGE

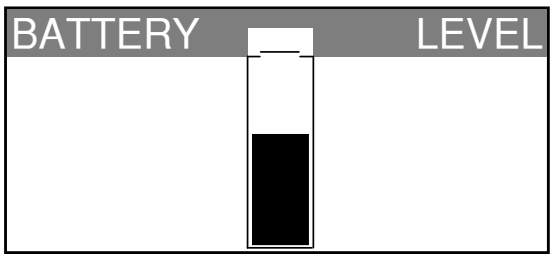
Low Battery Indication

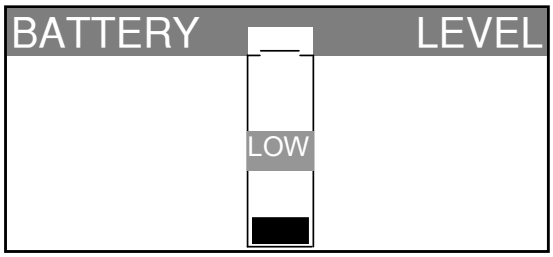
Your **TPMS TOOL** incorporates a low battery detection circuit. Battery life is an average of 400 sensor tests per battery full charge (approximately 80-100 cars).

A full charge is about 6 hours.

When battery is low, the battery screen is flashing with the message "**LOW**".

The power button may also be pressed and held for a second to display battery status.





Battery Charging

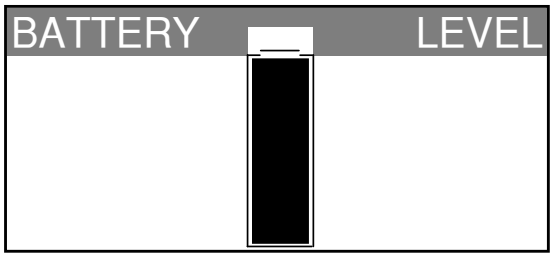
Fig. 6

When the battery is low, the “status bar” appears every 10 seconds. This display will stop when the battery loses power.

Plug the USB cable between the tool and the charger adapter, and then plug the charger adapter in an appropriate outlet. The red LED "**CHARGE**" light will turn on.

It’s not recommended to use the tool with low battery status because the transmission and emission may not be reliable.

Once charged, the bar graph is full and the LED "**CHARGE**" turns to green light.



Battery replacement

The tool must be returned to the factory for battery replacement.

Opening the tool or tampering with the seal placed on the tool, if broken will void the warranty

2. TROUBLESHOOTING

If the **TPMS TOOL** is unable to trigger one or more of the sensors, using either electronic or magnetic activation, please use the following troubleshooting guide:

1) The vehicle does not have a sensor even though a metal valve stem is present. Be aware of Schrader rubber style snap-in stems used on TPMS systems.

2) The sensor, module or ECU itself may be damaged or defective.

3) The sensor may be the type that periodically triggers on its own and is not designed to respond to a triggering frequency.

4) Your **TPMS TOOL** may require a software upgrade.

5) Check "**Auto Off**" time settings for screen display.

6) Your **TPMS TOOL** is damaged or defective.

3. TOOL UPDATE

Upgrading Your TPMS TOOL

As a new protocol becomes available, it will become necessary to upgrade your tool. Please follow the steps below:

***IMPORTANT**: Temporarily turn off all of the anti-virus and spam blocking software on your computer. This is necessary to ensure a successful upgrade.*

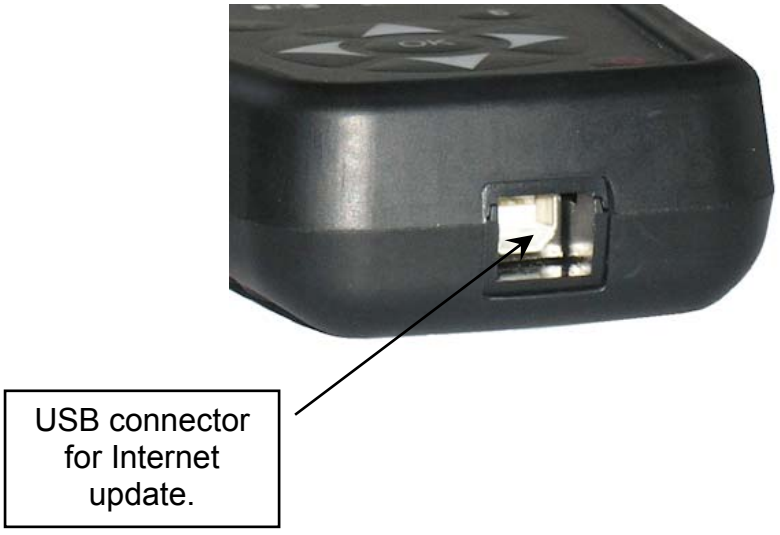


Fig. 7

3.1. INSTALL WEBTPM PC SUITE

1) Connect the TPMS tool to the USB port and power the tool ON.

2) Insert the CD, supplied with your tool, into the PC drive and click on the **WebTPM** icon to start the program.

3) A screen will appear that says "**Welcome to the Install Shield Wizard for WebTPM.**" Click "**Next >**"

4) A window will appear to choose destination location, click "**Next >**"

5) Follow instructions until the window with the "**Finish**" button appears.

6) Click "**Finish**" when the **WebTPM** installation is complete.

***Note**: To order annual update software part number, please see your dealer for availability and pricing.*

3.2. USB INTERNET OPTION UPDATING

Before updating, ensure that the battery charge is full.

1) Connect the USB cable from the **TPMS TOOL** to the **PC**, and turn the device on.

2) Start **WebTPM** software.

3) A screen will appear indicating "**Update Device**".

4) You can also print "**Valve IDs**" from here as well.

5) Press "**Yes**" to update to the latest software version. Update will take several minutes to complete and the status bar will indicate the percentage of update completed.

Warning!

Do not disconnect the TPMS TOOL from the PC or turn off your computer during the update process. This may result in serious damage to the tool.

4. LIMITED HARDWARE WARRANTY

ATEQ Limited Hardware Warranty

ATEQ warrants to the original purchaser that your ATEQ hardware product shall be free from defects in material and workmanship for the length of time, identified on your product package and/or contained in your user documentation, from the date of purchase. Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser. This warranty gives you specific legal rights, and you may also have other rights that vary under local laws.

Remedies

ATEQ's entire liability and your exclusive remedy for any breach of warranty shall be, at ATEQ's option, (1) to repair or replace the hardware, or (2) to refund the price paid, provided that the hardware is returned to the point of purchase or such other place as ATEQ may direct with a copy of the sales receipt or dated itemized receipt. Shipping and handling charges may apply except where prohibited by applicable law. ATEQ may, at its option, use new or refurbished or used parts in good working condition to repair or replace any hardware product. Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer or for any additional period of time that may be applicable in your jurisdiction.

This warranty does not cover problems or damage resulting from (1) accident, abuse, misapplication, or any unauthorized repair, modification or disassembly; (2) improper operation or maintenance, usage not in accordance with product instructions or connection to improper voltage supply; or (3) use of consumables, such as replacement batteries, not supplied by ATEQ except where such restriction is prohibited by applicable law.

How to Obtain Warranty Support

Before submitting a warranty claim, we recommend you visit the support section at www.tpms-tool.com for technical assistance. Valid warranty claims are generally processed through the point of purchase during the first thirty (30) days after purchase; however, this period of time may vary depending on where you purchased your product – please check with ATEQ or the retailer where you purchased your product for details. Warranty claims that cannot be processed through the point of purchase and any other product related questions should be addressed directly to ATEQ. The addresses and customer service contact information for ATEQ can be found in the documentation accompanying your product and on the web at www.tpms-tool.com .

Limitation of Liability

ATEQ SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, REVENUE OR DATA (WHETHER DIRECT OR INDIRECT) OR COMMERCIAL LOSS FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON YOUR PRODUCT EVEN IF ATEQ HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Some jurisdictions do not allow the exclusion or limitation of special, indirect, incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Duration of Implied Warranties

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS ON THIS HARDWARE PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THE APPLICABLE LIMITED WARRANTY PERIOD FOR YOUR PRODUCT. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

National Statutory Rights

Consumers have legal rights under applicable national legislation governing the sale of consumer goods. Such rights are not affected by the warranties in this Limited Warranty.

No Other Warranties

No ATEQ dealer, agent, or employee is authorized to make any modification, extension, or addition to this warranty.

Warranty Periods

Please note that in the European Union, any warranty period less than two years shall be increased to two years.

5. SAFETY BATTERY AND CHARGE INFORMATION

You must read and understand these safety instructions and warnings before using or charging your lithium polymer batteries.

Operating environment

Remember to follow any special current regulations any area, and always switch off your device when its use is prohibited or when it may cause interference or danger.

Use the device only in its normal operating positions.

Your device and its enhancements may contain small part. Keep them out of the reach of small children.

About Charging

Use only the charger supplied with your device. Use of another type of charger will result in malfunction and/or danger.

When the red LED turns off, the charge is complete.

About the Charger

Do not use the charger in a high moisture environment. Never touch the charger when your hands or feet are wet.

Allow ventilation around the charger when using it. Do not cover the charger with paper or other objects that will reduce cooling. Do not use the charger while it is inside a carrying case.

Connect the charger to a proper power source. The voltage requirements are found on the product case and/or packaging.

Do not use the charger if the wires become damaged. Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

This charger is not a toy and should not be used by children or infirm persons without proper training or supervision.

Do not use it as a power source.

Unplug it before attempting to service or clean it.

About the Battery

***CAUTION**: This unit contains an internal Lithium Polymer battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, pierce or dispose of the battery or the instrument in fire or water, do not short circuit or short the contacts with a metal object.*

Use a specified charger approved by the **ATEQ** manufacturer and supplied with the device.

The tool must be returned to the factory for battery replacement.

Opening the tool or tampering with the seal placed on the tool, if broken will void the warranty

Safety for Lithium Polymer battery use

NEVER leave the battery unattended during the charging process. The device must imperatively be placed on a non-flammable surface during charging (ceramic platter or metal box).

Charge the Lithium Polymer battery **ONLY** with the charger provided.

NEVER use a Ni-MH (Nickel Metal Hydride) type battery charger to charge a Lithium Polymer battery.

If the battery begins to overheat more than **60°C** (140° F), **STOP IMMEDIATELY** the charge. The battery should **NEVER** exceed **60°C** (140° F) during the charging process.

NEVER charge the battery immediately after use and while still hot. Leave it cool down to ambient temperature.

If you see some smoke or some liquid out of the battery, stop the charge immediately. Disconnect the charger and place the tool in an isolated area for at least 15 minutes. **DO NOT USE THE BATTERY AGAIN**, return the device to your seller.

Keep a fire extinguisher for electrical fires handy while charging the battery. In the unlikely event that the Lithium Polymer battery will ignite, **DO NOT** use water to extinguish the fire, take some sand or fire extinguisher described above.

It must neutralize the Lithium Polymer battery elements unusable. The neutralization process must be performed with very strict security fit. It is recommended that you return

us the tool, we will collect the battery out of use and gives to a specialized recycler.

Do not dispose of Lithium Polymer batteries to the dustbin.

The Lithium Polymer battery is not suitable for children under 14 years. Do not let a Lithium Polymer battery reach of children

To prevent leakage or other hazards, do not store batteries above **60°C** (140°F). Never leave the battery inside a car (for example) where the temperature could be very high or in a place where temperatures could exceed **60°C** (140°F). Store the battery in a dry place to avoid contact with liquid, whatever the type. Store the battery only on a nonflammable surface, heat resistant, non conductive and away from all flammable materials or sources. Always store the battery out of reach of children.

A Lithium Polymer battery should be stored with a minimum charge of 30%. If you store completely discharged, it will quickly become unusable.

If you don't follow these safety precautions, you may cause serious personal injury and damage to property; you may even cause a fire!

The **ATEQ** Company disclaims any responsibility for damage sustained in case of non compliance with these safety instructions.

Using a Lithium Polymer battery has a high risk of fires and can cause serious damages to property and persons, the user agrees to accept the risk and responsibility.

The **ATEQ** Company couldn't control the proper use of the battery for each customer (charge, discharge, storage etc.); it can not be held responsible for damage to persons and property.

6. RECYCLING

Do not dispose of the rechargeable Lithium-Ion battery or the tool and/or it accessories to the dustbin.

These components must be collected and recycled.

The crossed-out wheeled dustbin means that the product must be taken to separate collection at the product end-of life. This applies to your tool but also to any enhancements marked with this symbol. Do not dispose of these products as unsorted municipal waste. For further information, please contact ATEQ.

Index

A
About 22
Auto off 20
B
Backlight 19
Battery 28
Buzzer 19
C
Caution 4, 28
Charge 24
Charger 28
Charging 24, 28
Check Sensor 8
Copy original sensor 12
Create new sensor 14
E
Environment 28
F
Format 18
Function keys 5
L
Language 21
M
Main Menu 8
O
Operating instructions 7
Overview 7
P
Part # Lookup 15
Power supply 28
Program blank sensor 11
R
Recycling 29
S
Safety instructions 3
Safety precautions 28
SD card slot 25
Security 28
Settings 17
Slot SD 25
Software installation 26
Software updating 26
Specifications 2
T
Tool update 25
Troubleshooting 25
U
Units 18
USB Internet Options 26
Use 8
Use Instructions 4
W
Warning 3
Warranty 27
WebTPM PC suite 26
Z
Zone 23

This document is the exclusive property of **ATEQ**.
It may not be communicated, reproduced or used without prior consent.