ATEQ VT57

User Manual

5/2021 – EN

Revision of ATEQ VT57 User Manual

We continuously work on improving our products. This is why the information contained in this user manual, the tool and its technical specifications may be modified without notice.

Edition/Revision	Reference	Date (week/ year)	Chapters updated

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1. User Guide ATEQ VT57

1.1. Specifications

Battery type	Rechargeable Li-Po 3.7Vdc 3000mAh
Battery life	Approximately 1,000 activations per full charge
Dimensions (L, W, D)	20.0 cm x 12.0 cm x 4.0 cm (7.9" x 4.7" x 1.6")
Case material	High Impact ABS
Response frequency	Frequencies frequencies: 315 MHz and 433.92 MHz (supporting most specific frequencies).
Low battery indication	LCD bar graph display
Weight	Approx. 2 lbs.
Temperature	Operation: -20°C to +45°C (-4°F to 131°F) Storage: -20°C to +45°C (-4°F to 131°F)
Altitude	Maximum Operating Altitude: 3000m (10000ft)
Environment	Indoor/Outdoor Use (<80% Humidity)

Product content:

ATEQ VT57 tool
USB cable for WebVT synchronization and VT57 firmware updates
RJ45 cable for OBD-II module connection
OBD-II module
Power supply

Optional accessories:

Tire Tread Depth measurement device (TTD)
Docking / charging station and thermal printer

1.1 Important safety instructions

Do not discard this manual. Keep it for future reference.

This tool complies with:

- Part 15 of the US FCC Rules,
- CE / CEM standards,
- RoHS standards.

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

FCC SAR statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). FCC extremity SAR limit is 4.0W/kg averaged over 10 grams of tissue. The highest SAR value reported under this standard during product certification for use when properly hold it in your hand.

Operation is subject to the following two points:

1. This tool will not cause harmful interference, and
2. This tool can be affected by any type of interference, including interference that may cause a malfunction.

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

Individuals with pacemakers should never use this product.

Wear safety goggles (user and bystanders).

Read the instructions before use.

Do not use on live electrical circuits.

Risk of entanglement and strangulation.

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

1.2. Warnings

READ THESE INSTRUCTIONS BEFORE USING

The ATEQ VT57 has been designed to be robust, durable, safe and reliable when properly used.

All **TPMS** tools are intended to be used only by qualified and trained automotive technicians in a laboratory or a in light industrial or repair shop environment.

- Please read all instructions below before use.
- Always follow these safety instructions.
- If you have any questions on the safe use of this tool, please contact your local dealer.

1.2.1. Read all the instructions

- All warnings concerning the VT57 in this manual must be adhered to.
- All operating instructions should be followed.

1.2.2. Keep these instructions in a safe place

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

1.2.3. Take heed of warnings

To use this tool safely, you and any bystanders must:

- wear safety goggles,
- read instructions before use,
- not use on live electrical circuits,
- pay attention to the risk of entanglement and strangulation.

1.2.4. Cleaning

Clean with a soft dry cloth, or if necessary, a slightly damp cloth.

Do not use any harsh chemical solvents such as acetone, thinner, brake cleaner, alcohol, etc. as this may damage the tool.

1.2.5. Water & Moisture

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

1.2.6. Storage

Do not store or use the tool when exposed to direct sunlight, heat or excessive humidity.

1.2.7. Usage

To reduce the risk of fire:

- do not use the tool near flammable liquids,
- do not use the tool where there is a risk of exposure to explosive gases or vapours,
- keep the tool away from heat sources,
- do not operate the tool with the battery cover removed.

1.3. Key functions

On/Off

Read sensor

Confirm,
next menu

Cancel,
previous menu

Navigate “**Up**”

Navigate “**Down**”

Navigate “**Left**”

Navigate “**Right**”

1.3.1. Status bar icons (at the top of the screen)

The status bar is located at the top of the screen of the VT57. The icons it contains provide information on the status of the tool. These icons have the following meanings:

The tool is plugged into the USB port

The OBD-II module is plugged into the tool

The tool is searching for WiFi connection (animated icon)

The tool is connected to ATEQ WebVT using the WiFi connection

SD card is inserted

Battery charge indicator

The optional Tire Tread Depth (TTD) accessory is plugged into the tool

1.3.2. Action bar icons (at the bottom of the screen)

The action bar is located at the bottom of the screen. The icons it contains indicate the different actions available depending on the context in which the tool is used. These icons have the following meanings:

Back to home screen

Send sensor data to TPMS system

Delete data from the displayed sensors

Edit / add information on the current task

Clone sensors

Save vehicle data in the tool history

Display tire tread depth gauge screen (TTD)

Back to the vehicle data screen

Print the sensor information shown on the screen

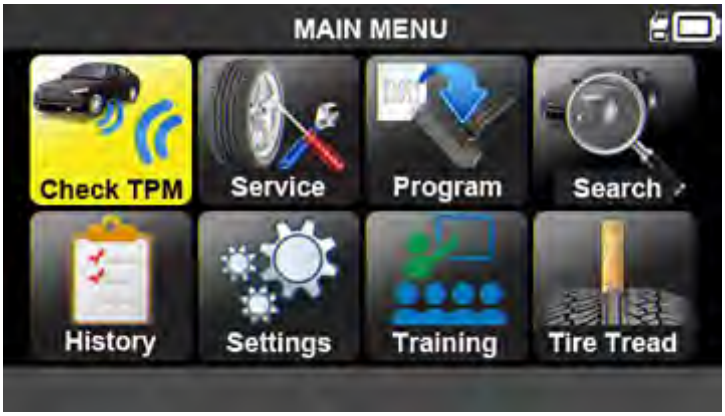
1.4. Turning the tool on

Press **On/Off** button to turn on the device

The startup screen is displayed

The main menu appears after a few seconds.

The tool is ready to operate.



For the America region only

When the **America** region is selected, the **Search** icon on the main menu is replaced with the **Trailer TPMS** icon.

To switch off the tool, press and hold the **On/Off** button for 3 seconds.

1.5. Operating Instructions

1.5.1. Positioning the VT57

The VT57:

- reads and diagnoses TPMS sensors,
- resets the vehicle's TPMS computer via the OBD-II interface,
- sends sensor data to the system.

The illustration below shows how to:

- position the VT57 to read a TPMS sensor,
- connect the optional OBD module to the vehicle's OBD-II connector.

***Please note**: When they are in "learn mode" some vehicles will confirm that the TPMS sensor has communicated with the TPMS system through a series of beeps.*

1.5.2. Service procedures

1.5.2.1. Read sensor test

Before servicing the tires/wheels, you must read each of the vehicle's TPMS sensors using the VT57 to make sure the TPMS sensors are working properly.

This will eliminate any concerns over their proper working order and enable preventive replacements to be made to damaged or defective sensors. This procedure does not change the vehicle settings. To change a vehicle's TPMS settings, the vehicle must be placed in learn mode. This procedure has no effect on the vehicle's TPMS settings.

Please note: if the sensors do not return any information to the VT57, please refer to the paragraph:

Troubleshooting, TPMS valve reading problems *page 109.*

Once the vehicle's TPMS sensors have been read, you can service the wheels or tires.

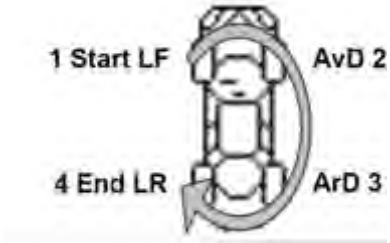
1.5.2.2. Teaching TPMS sensors

Depending on the make, model and year of the vehicle, the VT57 provides information on which TPMS sensors relearn procedure to use. This can be:

- automatic relearn procedure,
- manual relearn proscedure,
- OBD-II relearn procedure.

For manual and OBD-II relearn procedures, follow the instructions on the tool screen. Please refer to TPMS service on page 28.

Some vehicles have an automatic relearn procedure that automatically resets the TPMS system whenever the vehicle is driven. However, we recommend you trigger each sensor one final time to make sure they are working correctly.



2. Using the VT57

IMPORTANT

Vehicle-specific information in this manual is used as an example and cannot represent instructions specific to each make and model of vehicle. When using the various functions on the TPMS tool, it is important to refer to the on-screen prompts and/or to information in the vehicle's manual.

Warning! *To get the best wake-up/reading from the TPMS sensors, put the tool next to the side of the tire, just above the sensor.*

2.1. Test TPMS

This section relates to reading all the sensors of a vehicle as well as reprogramming the TPMS sensor data in the vehicle's on-board computer (ECU) through the OBD port.

Use the arrow buttons to select the **Test TPM** icon.

= next

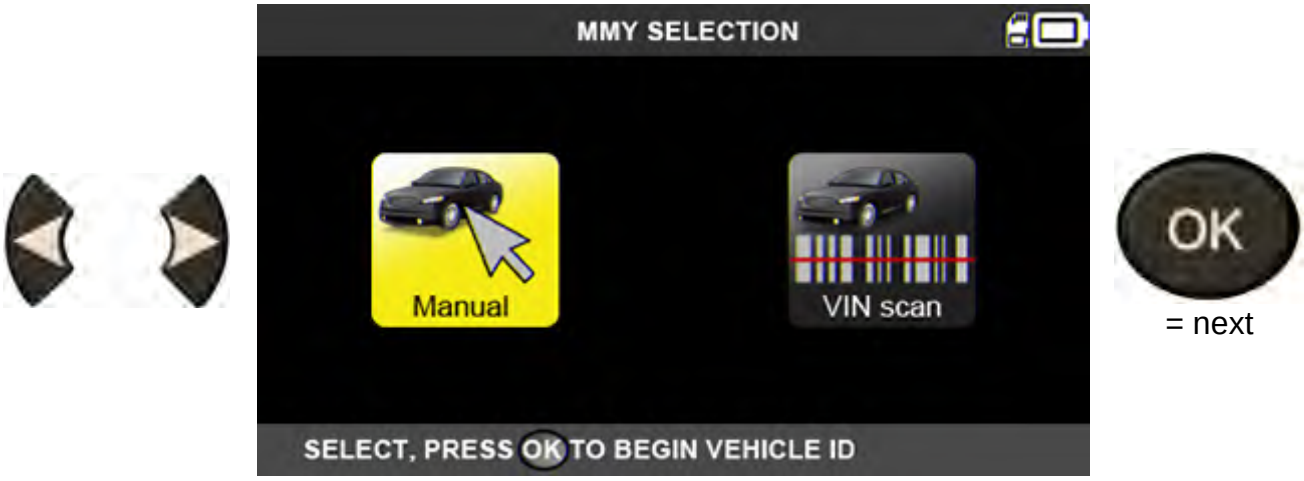
2.1.1. Selecting the vehicle model

❗Only relates to the America region❗

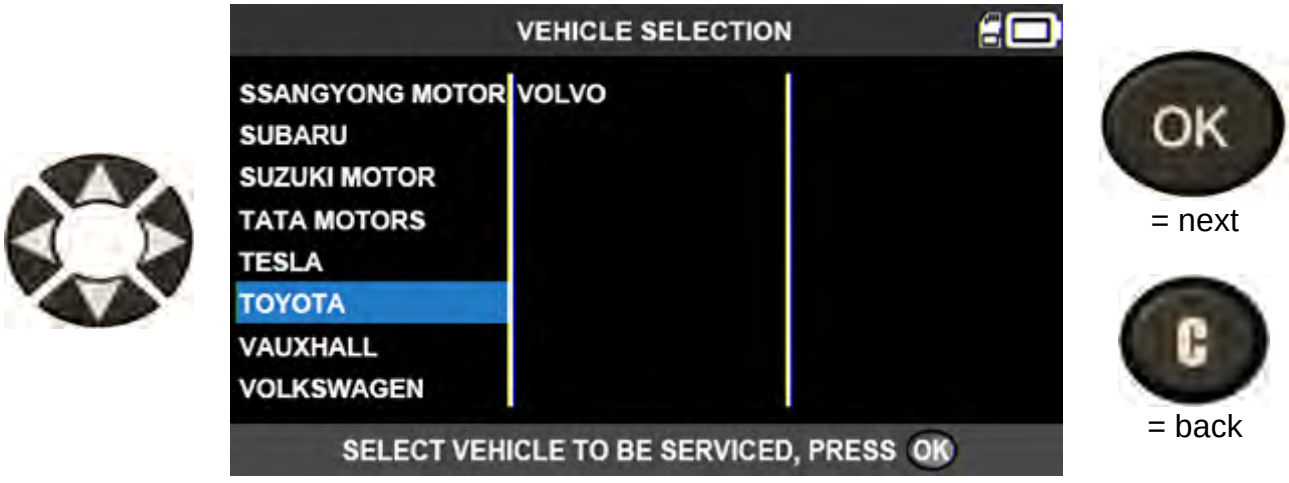
When the **America** region is selected, you must select one of the two icons below:

- **Manual** to select the vehicle model from a list of vehicles
- **Scan VIN** to scan the barcode of the vehicle's VIN number.

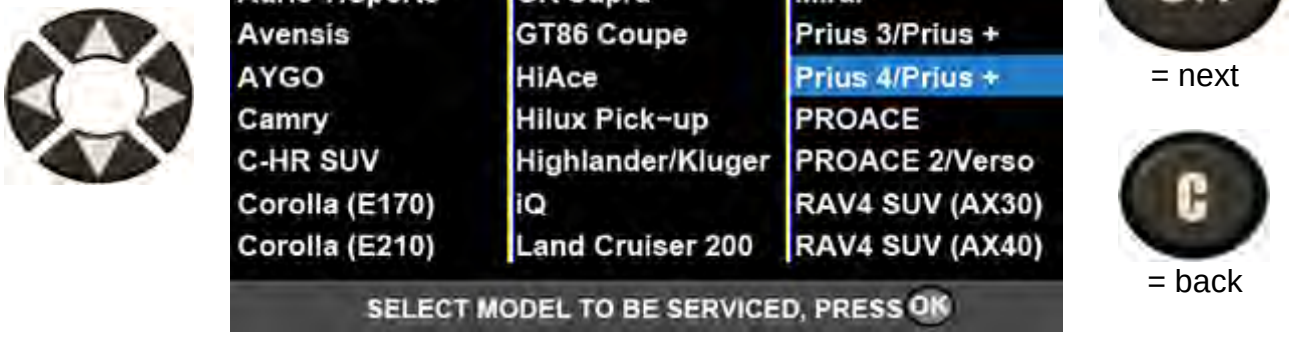
Press **OK** to confirm your choice.



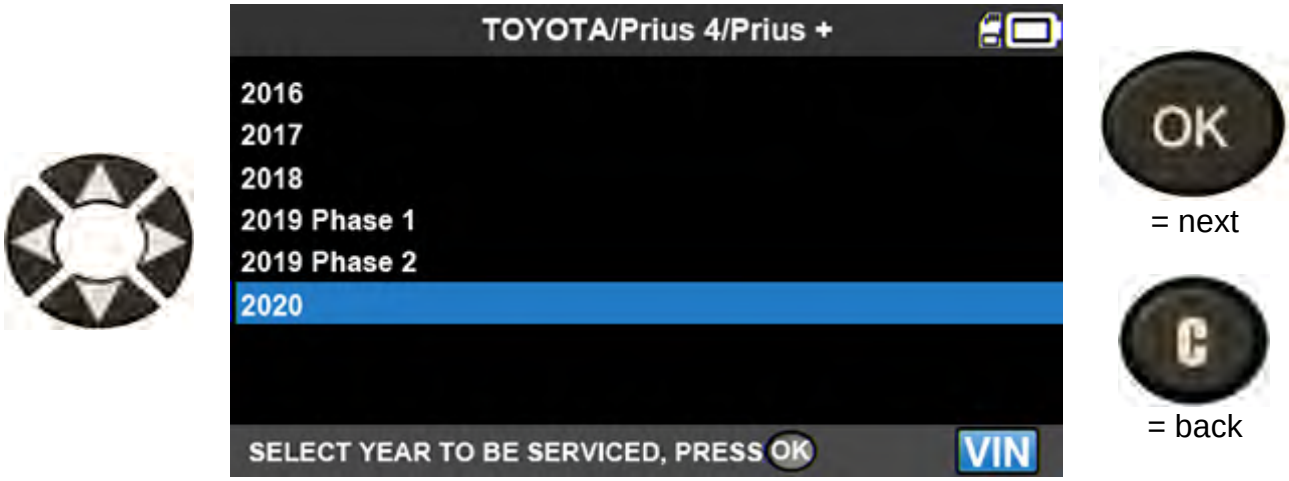
Use the arrow buttons to select the vehicle manufacturer. Press **OK** to confirm your choice.



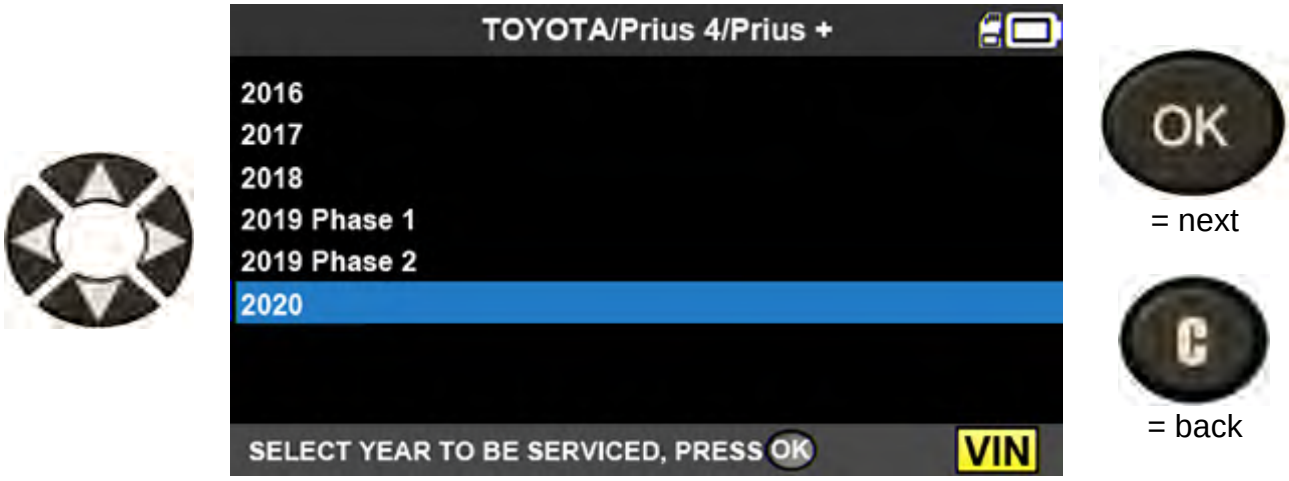
Use the arrow buttons to select the vehicle model. Press **OK** to confirm your choice.



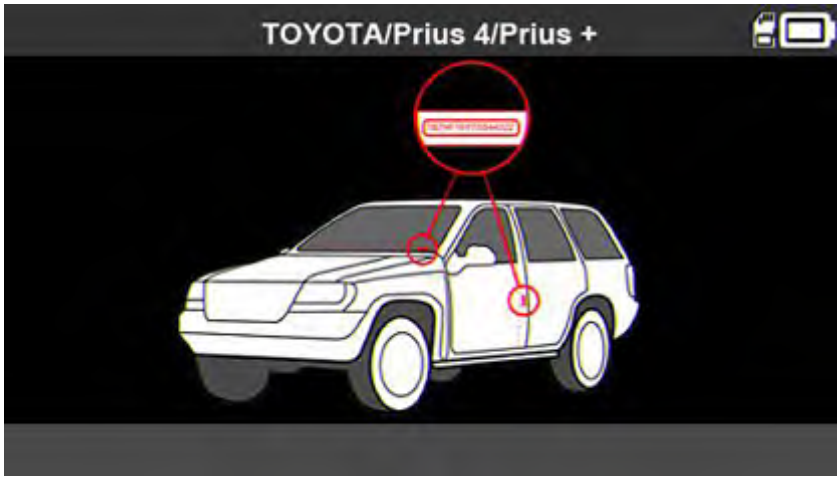
Use the arrow buttons to select the vehicle year. Press **OK** to confirm your choice.



If the year in which the vehicle was put into service is unknown, select the **VIN** icon in the lower right-hand corner of the screen using the arrow buttons. Press **OK** to confirm your choice.



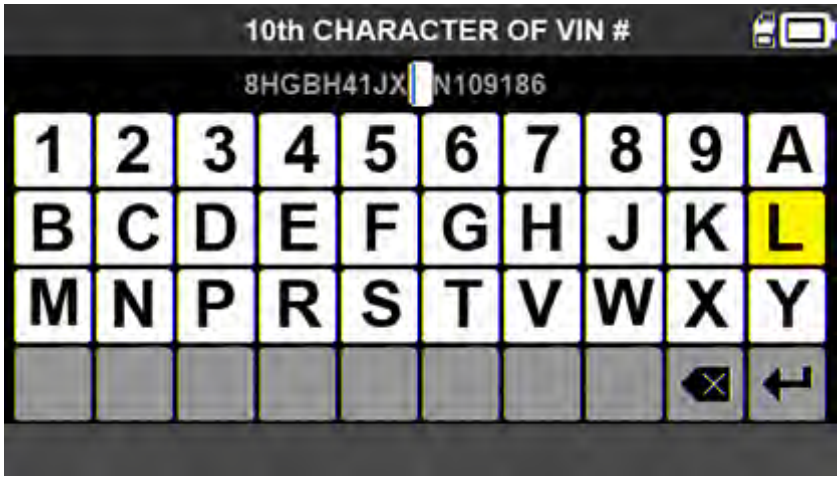
Find the locations of the VIN of the selected vehicle using the diagram on the screen.



= next

= back

Identify the 10th character of the VIN. Use the arrow buttons to select this tenth character on the keyboard displayed on the screen of your VT57 tool. Press **OK** to confirm your choice.



= next

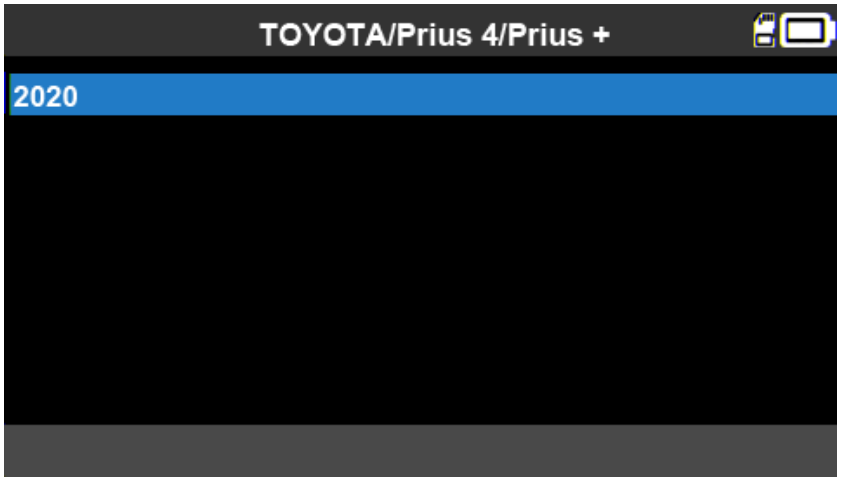
= back

Press **OK** to confirm your choice again.

OK = next

C = back

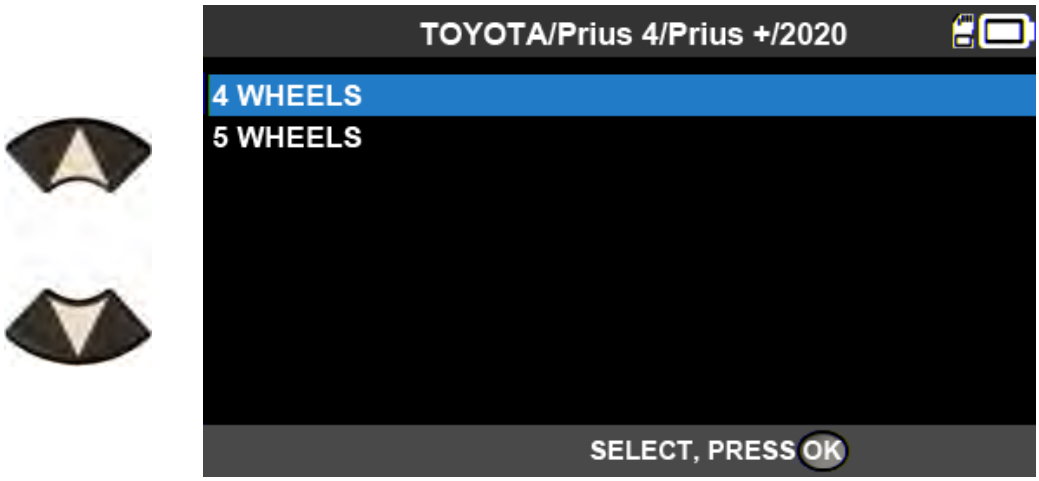
The VT57 indicates the model year of the vehicle. Press **OK** to move on to the next step.



OK = next

C = back

Depending on the vehicle selected, you must indicate the number of wheels equipped with TPMS sensors (4 or 5 wheels).



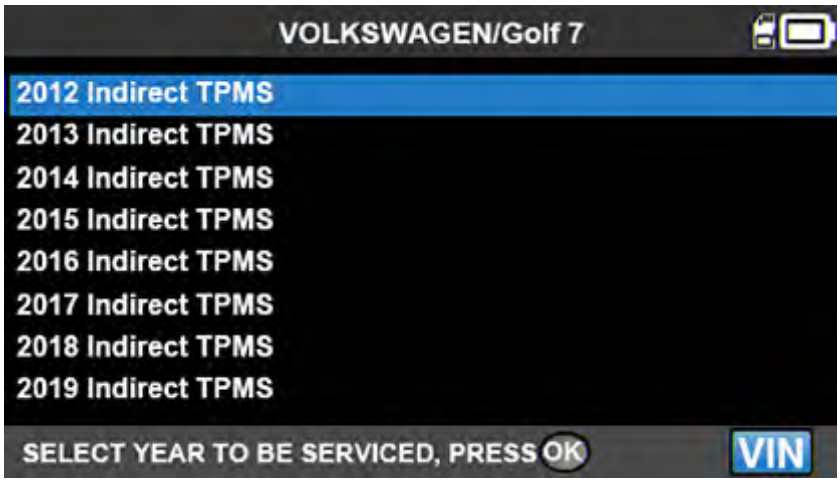
OK = next

C = back

2.1.2. Specific case of vehicles fitted with indirect TPMS

Vehicles fitted with an indirect TPMS system (meaning without a sensor fitted in the tires) are also included in the VT57 database. Here are the relearning procedures specific to these vehicles.

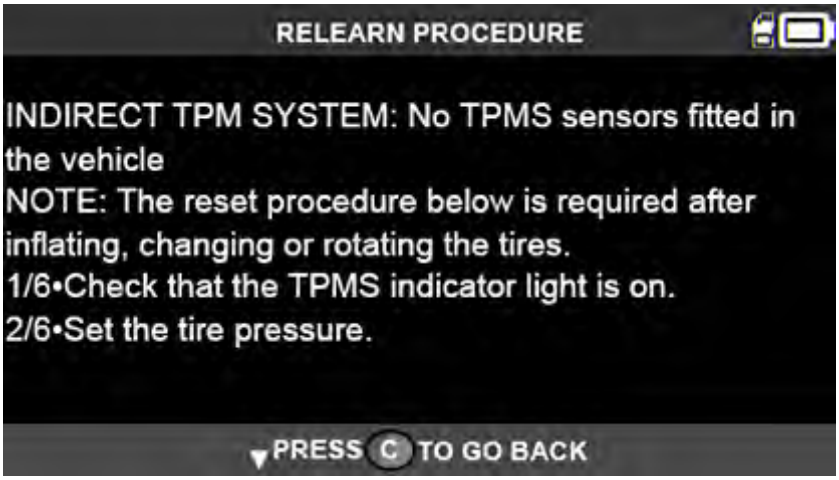
In the case of a vehicle fitted with indirect TPMS, you must indicate the model year of the vehicle. Use the arrow buttons to do this and then confirm your choice with the **OK** button.



= next

= back

The VT57 then indicates the relearn procedure to be followed. Use the up and down arrow keys to scroll through the screen and read the complete procedure.



= next

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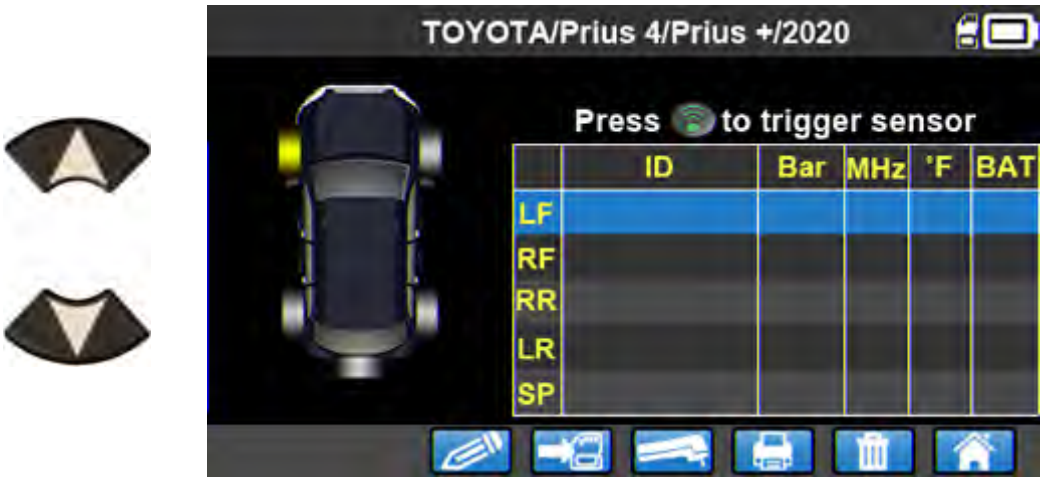
2.1.3. Reading sensors

The VT57 is ready to read the TPMS sensors as soon as you have selected a vehicle model.

The sensors are read starting with the front left wheel followed by the front right, rear right and rear left wheels and ending with the spare if you indicated in the previous step that the vehicle had 5 wheels equipped with TPMS sensors.

Place the VT57 close to the sidewall of the **left front** tire at the level of the **left front** wheel valve and then press the **Read sensor** button to come out of standby and read the sensor.

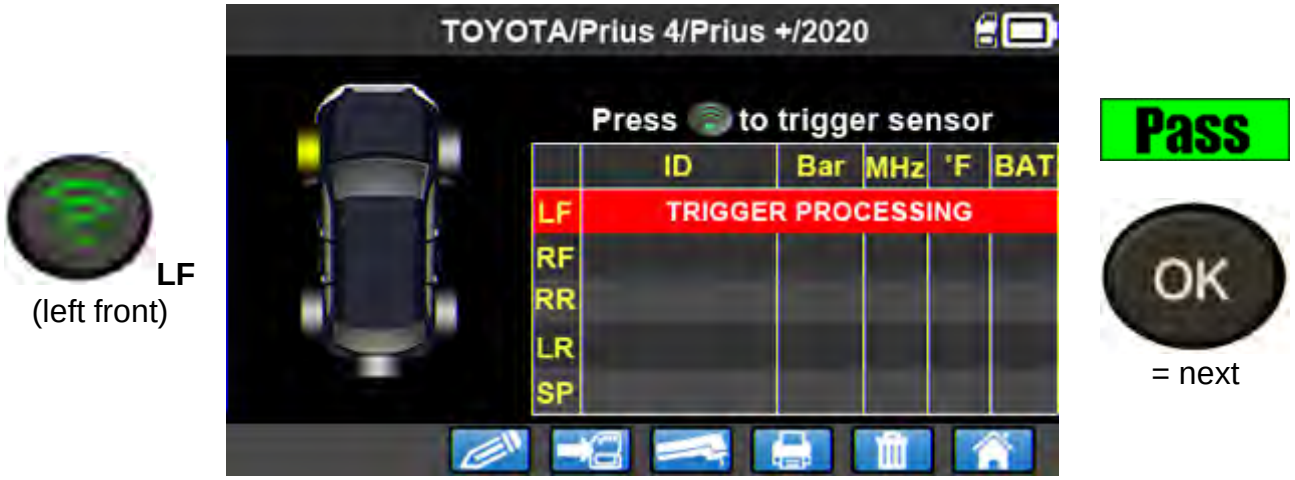


Press

to come out of standby and read the sensor

The VT57 brings the first sensor out of standby and reads the information it contains.

Press **OK** to move on to the next sensor.



LF
(left front)

= next

Place the VT57 close to the sidewall of the **right front** tire at the level of the **right front** wheel valve and then press the **Read sensor** button to come out of standby and read the sensor.

Press **OK** to move on to the next sensor.

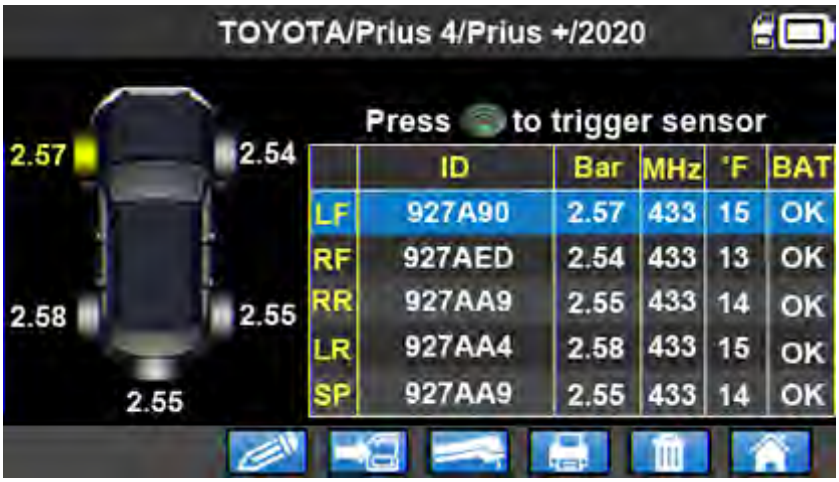
Repeat the same steps for the **right rear** wheel, **left rear** wheel and **spare** wheel if you have indicated that the vehicle has 5 TPMS sensors.

RF
(right front)

RR
(right rear)

LR
(left rear)

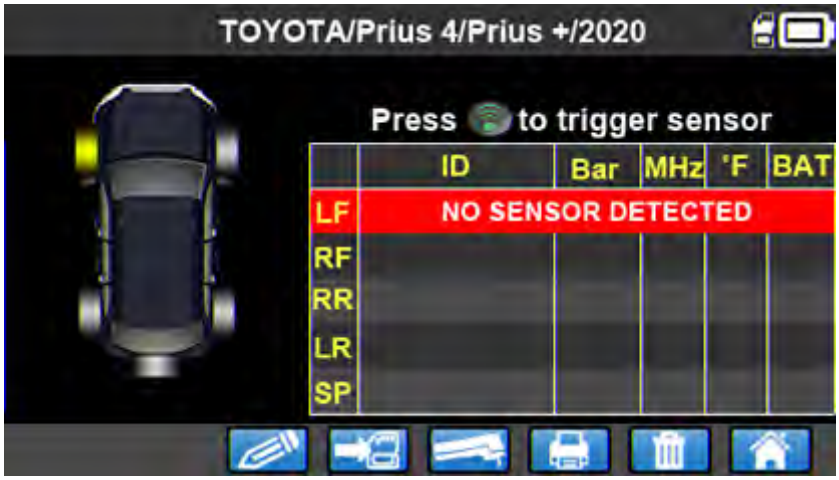
SP
(spare wheel)



When a TPMS sensor cannot be brought out of standby or cannot be read, the VT57 displays the message **Sensor not detected**. In this case, you can:

- try to read the sensor again by pressing the read sensor button
- move to the next wheel by pressing the down arrow button
- stop the TPMS sensor reading procedure by pressing the **C** button

Next wheel



Go back and save or delete the data

2.1.4. Reprogramming the ECU using the OBD-II module

Reprogramming the vehicle's on-board computer (ECU) using the OBD-II module consists of copying the vehicle's TPMS sensor data (sensor data) into the vehicle's ECU. To do this, it is necessary to:

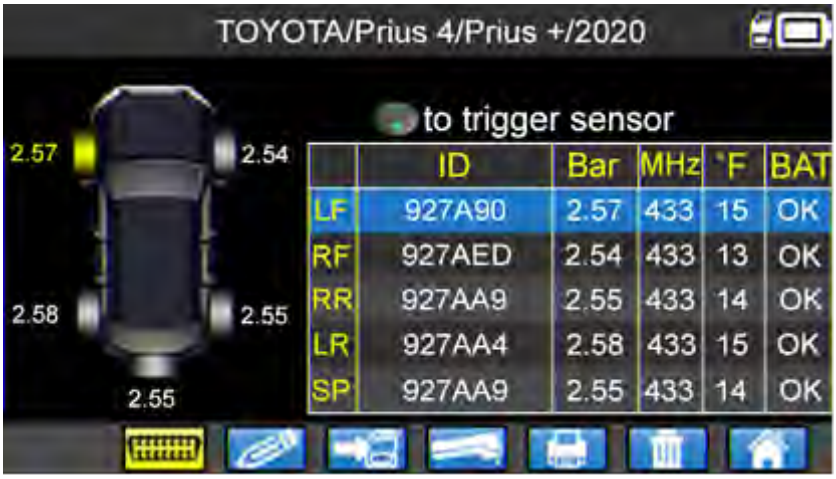
- read the TPMS sensor data with the VT57 as described in the paragraph Reading sensors on page 20

- connect the VT57 to the vehicle's OBD-II connector using the optional ATEQ OBD-II module
- transfer data from the VT57 to the vehicle's ECU.

When the IDs for all the sensors have been read and displayed on the screen, plug the **OBD-II** module into the VT57. The **OBD-II** icon appears on the screen to confirm the connection to the module.

Then plug the **OBD-II** module into the **OBD-II** connector on the vehicle, and turn the ignition on.

Select the OBD icon



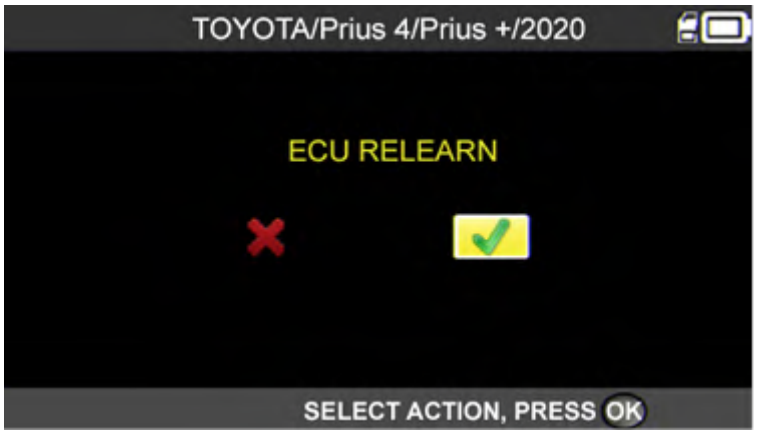
= next

= back

The VT57 will ask you to confirm before continuing.

Use the arrow buttons to select the yellow box with a green tick and confirm your choice by pressing the **OK** button.

Select



= next

= back

Please note: leave the engine switched off while keeping the **ignition switched on**.

OK
= next

C
= back

Press the right arrow to display right-hand drive vehicles

OK
= next

C
= back

Go back to left-hand drive vehicles by pressing the left arrow.

OK
= next

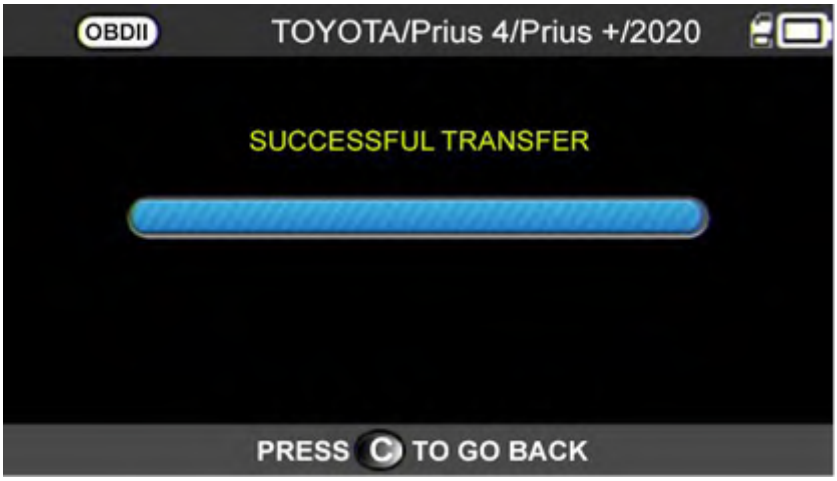
C
= back

Press the OK button to start the procedure.

The data transfer starts. The following messages appear briefly:

- **CONNECTED**
- **TRANSFER OK**
- **VERIFY OK**
- **SUCCESSFUL TRANSFER**

The information transfer to the vehicle's on-board computer has been successful. The **OBD-II** module can then be disconnected from the vehicle's **OBD-II** connector.



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2.1.4.1. OBD-II errors: descriptions and resolution

In the event of an error, first check that the OBDII logo is properly displayed at the top left of the VT57's screen. This means your ATEQ tool is properly connected to the OBD module. If not:

- try **unplugging the OBD module and plugging it back in**
- you can also try **restarting** the VT57 (switch off and back on again).

If the **LED** on the OBD-II module starts flashing **red**:

- unplug the OBD module from both the vehicle and the ATEQ tool side
- wait a few seconds
- plug the ATEQ OBD module back into the VT57
- the ATEQ OBD module should then resume normal operation and the LED should start flashing **green** about once per second.

If the message **"Check connection / Ignition on"** is displayed

- check that the OBD-II module is correctly connected to the vehicle
- check that the ignition is in position **I** (accessories).

If the two points above are OK:

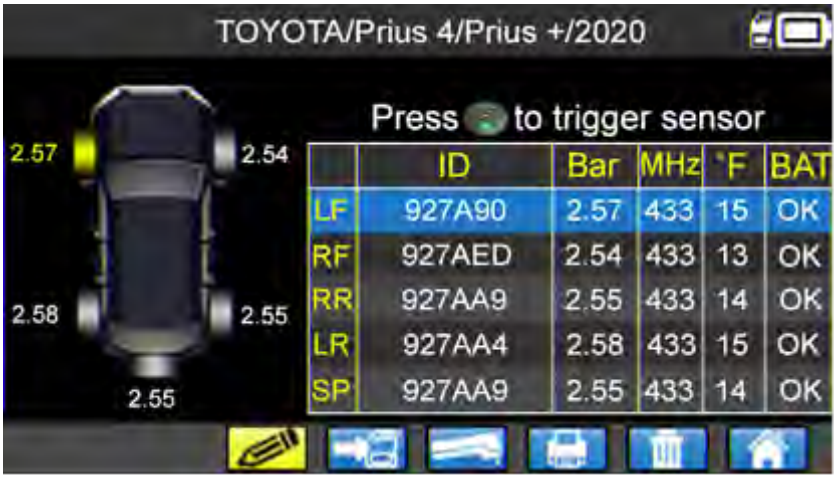
- check the battery voltage; the vehicle's battery must be sufficiently charged to reprogram the TPMS system
- check that you have the latest version of the VT57 firmware and update it if necessary. To do this, refer to the paragraph Updating on page 110

- check that the diagnosed vehicle does not propose an alternative relearn mode (auto or manual relearn).

2.1.5. Personalization and saving vehicle data

This function enables the data collected during vehicle diagnostics to be customized and saved. The **customer name**, **registration number**, **serial number (VIN)** and **mileage** can be entered and saved. You can also print this data using the optional printer.

Select the **Edit** button.



= next

= back

The entry screen is shown. Press

to edit the fields.

= next

= back

Use the arrow buttons to select the character

to confirm the character

= back

The following buttons are available to help you enter customer's details:

Confirm the entry in a field

Delete the last character entered

Switch the keyboard between lower case, numerical and upper case

Move left in the input field

Move right in the input field

Space character

When you have finished entering the customer's details, the VT57 screen appears as in the example below. Note that it is not mandatory to complete all fields.

to choose the field or the icon

= next

= back

This information is particularly useful when using the VT57 search function. Refer to the paragraph Updating on page 110.

2.2. TPMS service

This section covers the maintenance of TPMS sensors as well as additional functions such as:

- TPMS relearn procedures
- DTC code reading
- testing key fobs
- spare parts search
- help.

Use the arrow buttons to select the **Service** icon.

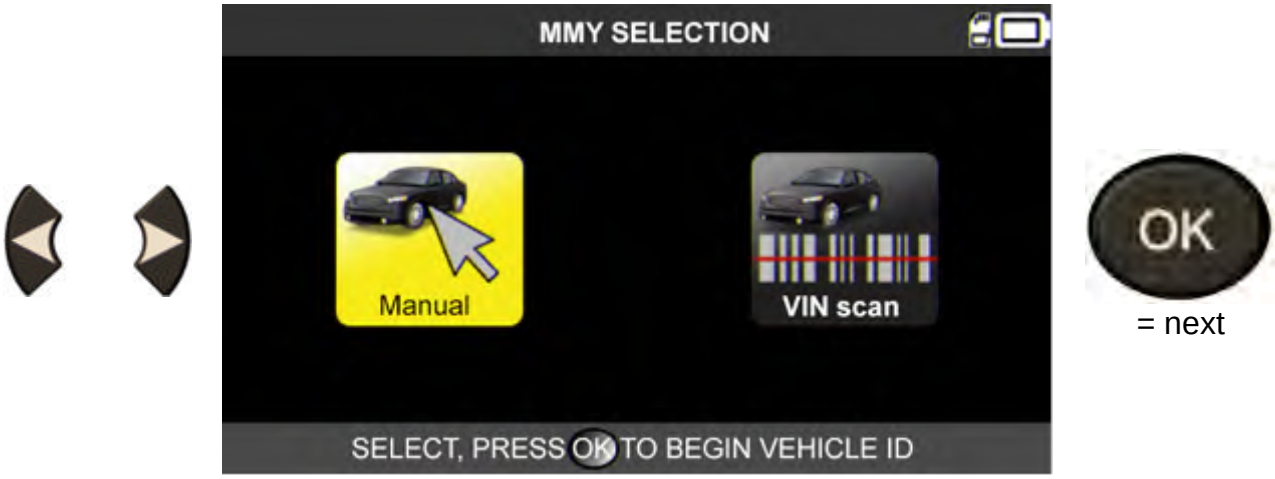
= next

2.2.1. Vehicle make, model, year selection mode

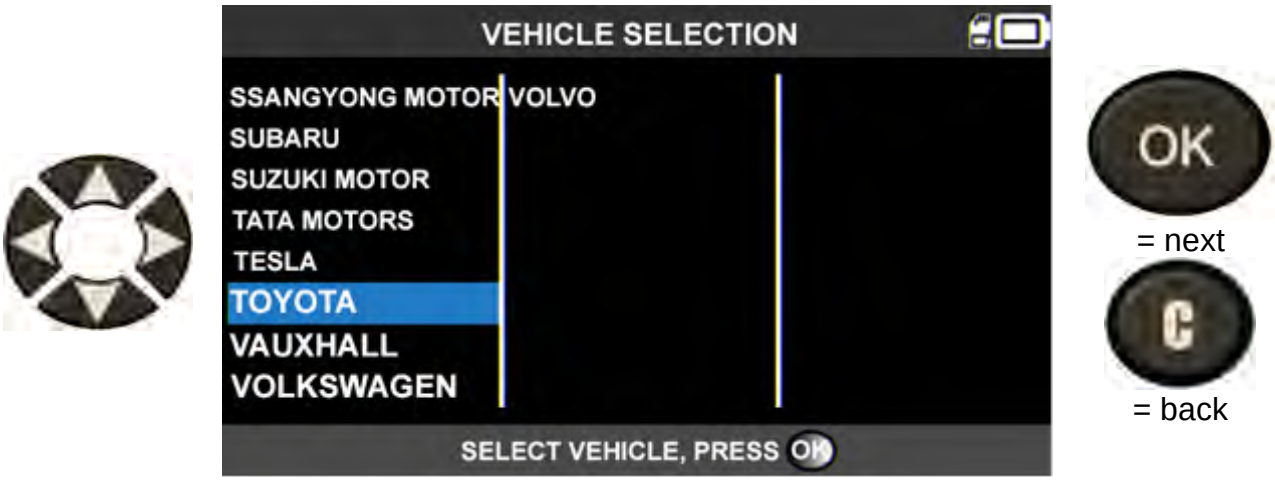
Enter the make, model and year of the vehicle either manually or by using the barcode

corresponding to the vehicle VIN.

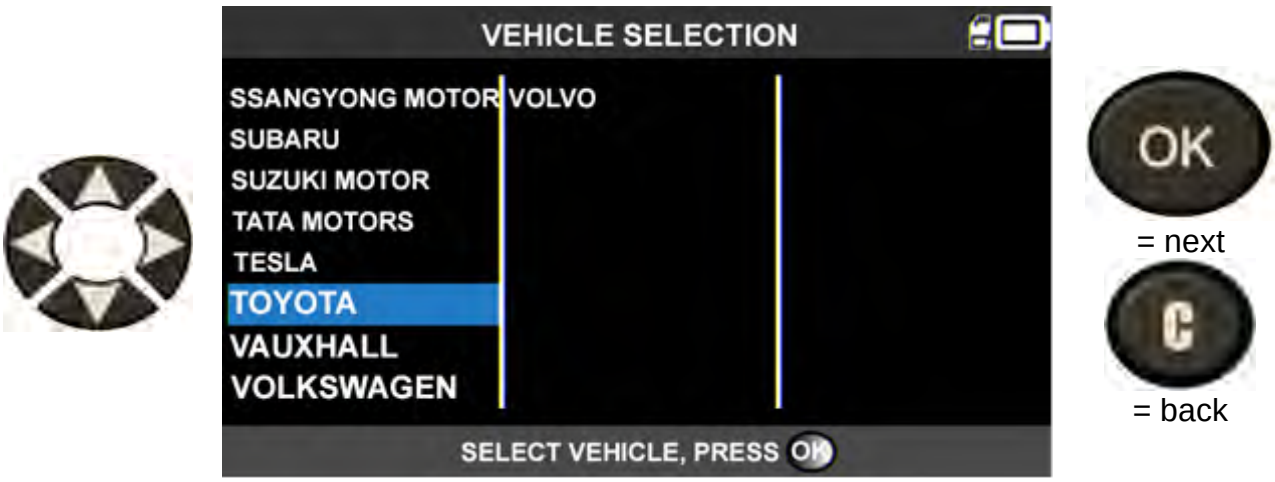
***Note**: VIN reading (vehicle serial number barcode) is only available in America.*



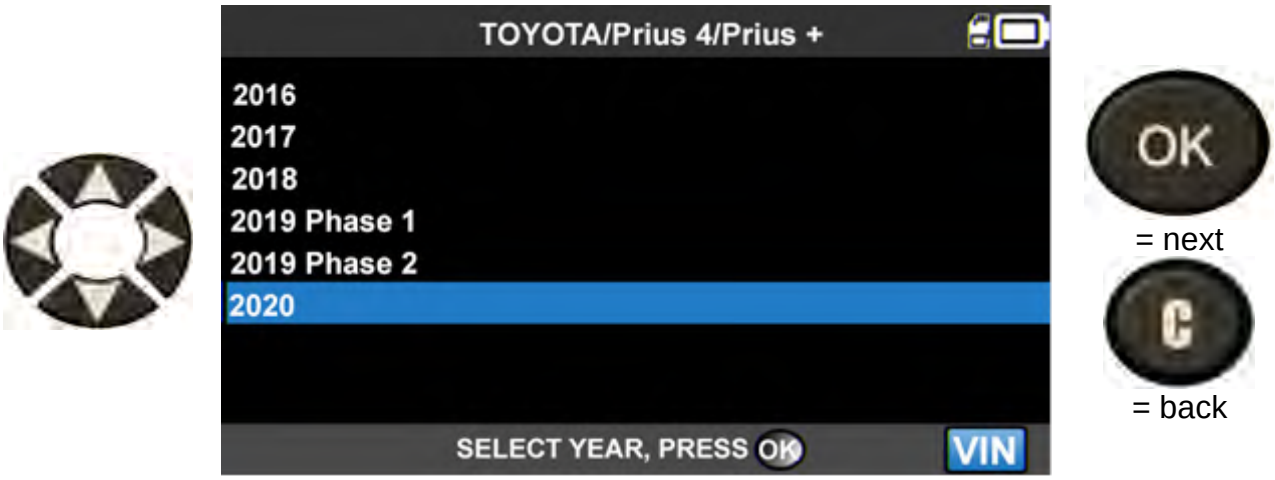
2.2.2. Select vehicle manufacturer



2.2.3. Select vehicle model



2.2.4. Select year of construction



2.3. Select a service

This section concerns the maintenance services available on the VT57.
The following maintenance services are available:

- relearn procedures
- DTC code reading (error codes)
- ECU unlock
- key fob test
- spare parts search
- help.

Use the arrow buttons to select a maintenance service.

2.3.1. ODB-II relearning

This section details the procedure to follow to relearn new sensors in the vehicle.

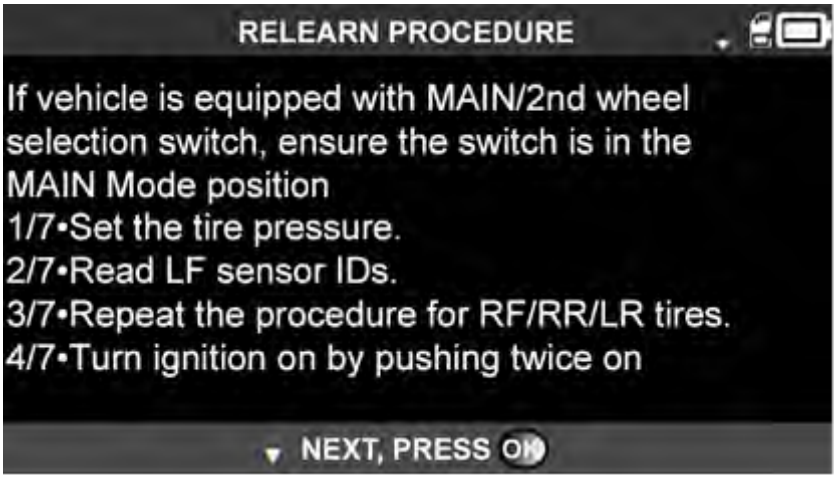
= next

= back

Follow the instructions on screen.

Select

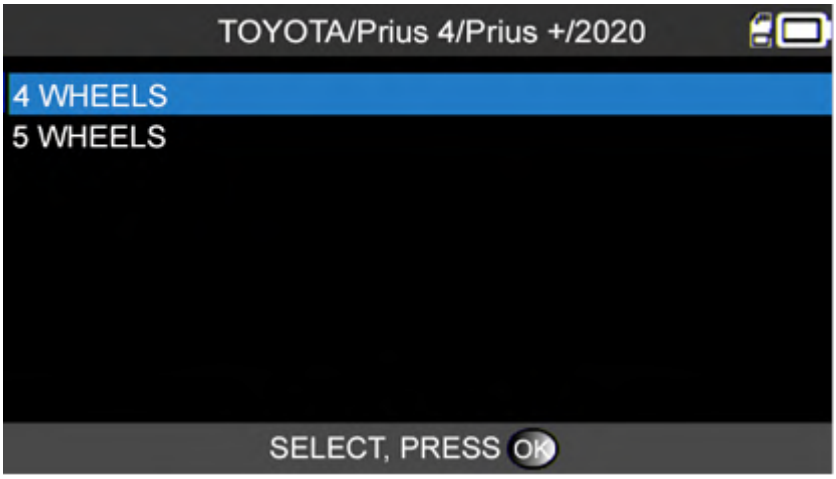
to read the rest.



= next

= back

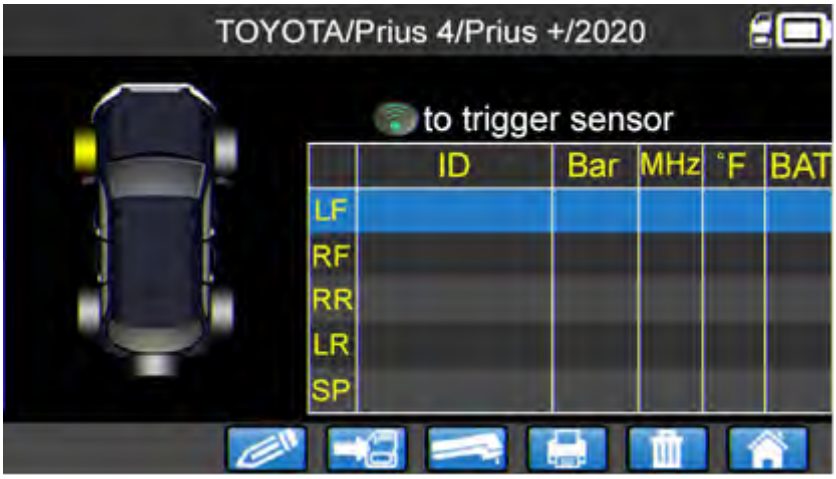
Depending on the vehicle selected, specify the number of wheels equipped with TPMS sensors.



OK = next

C = back

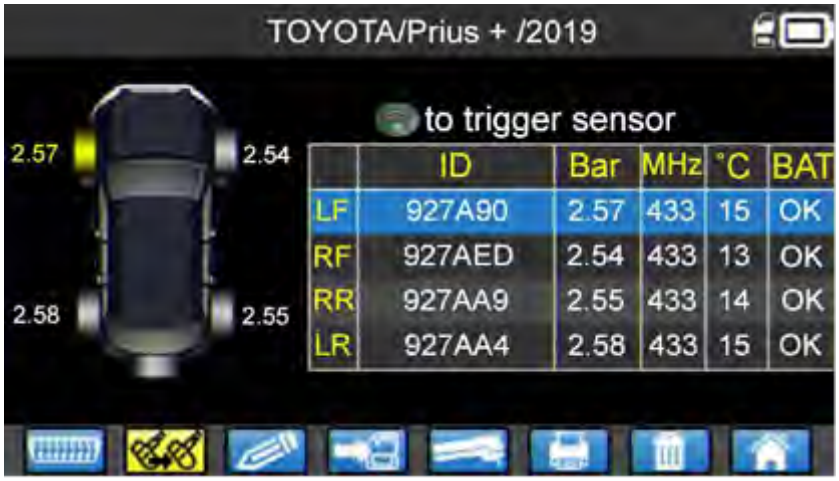
The VT57 is ready to read the first sensor.



Press to come out of standby and read the sensor

Carry out the “**Sensor check**” operation.

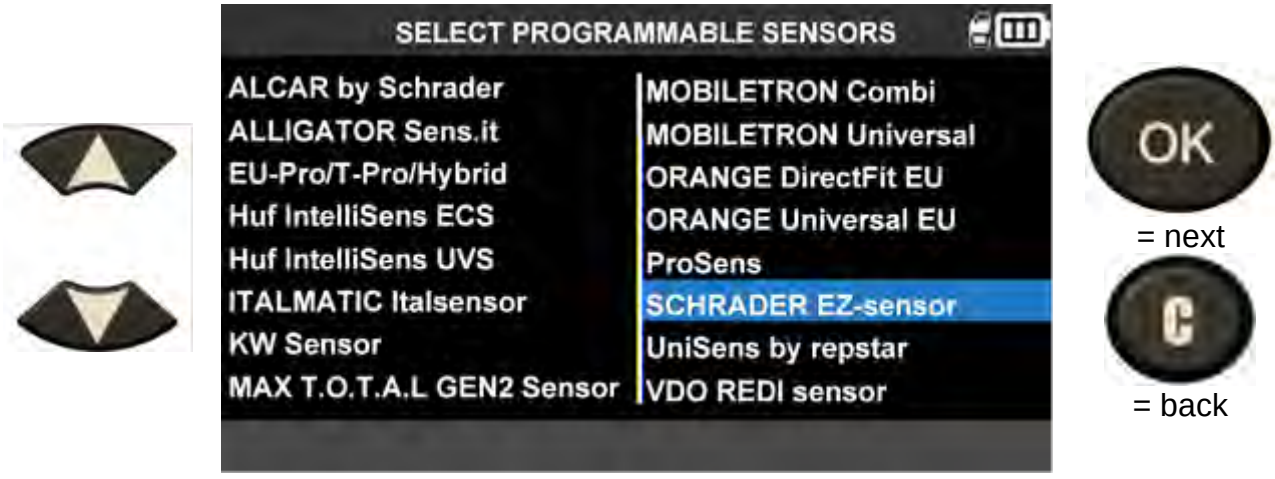
Once all the sensors have been read, select the icon 



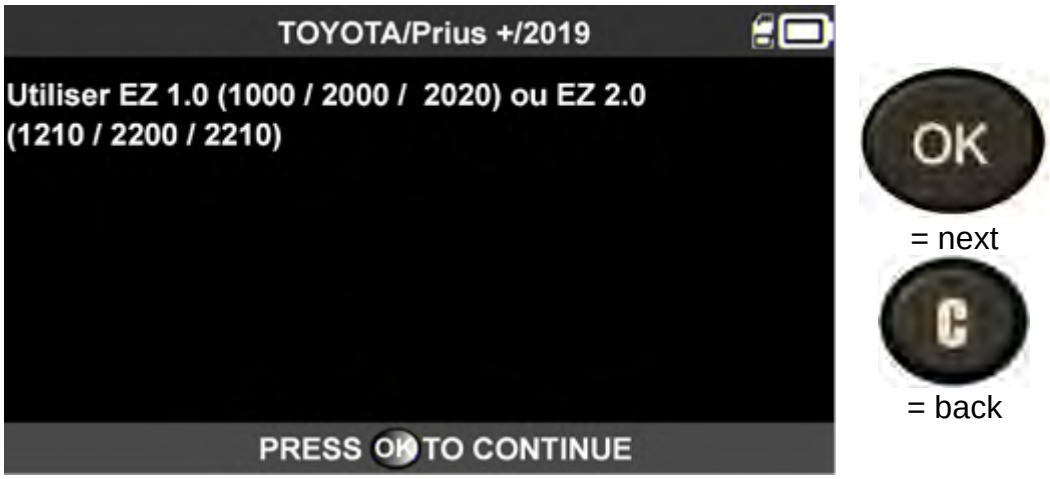
OK = next

C = back

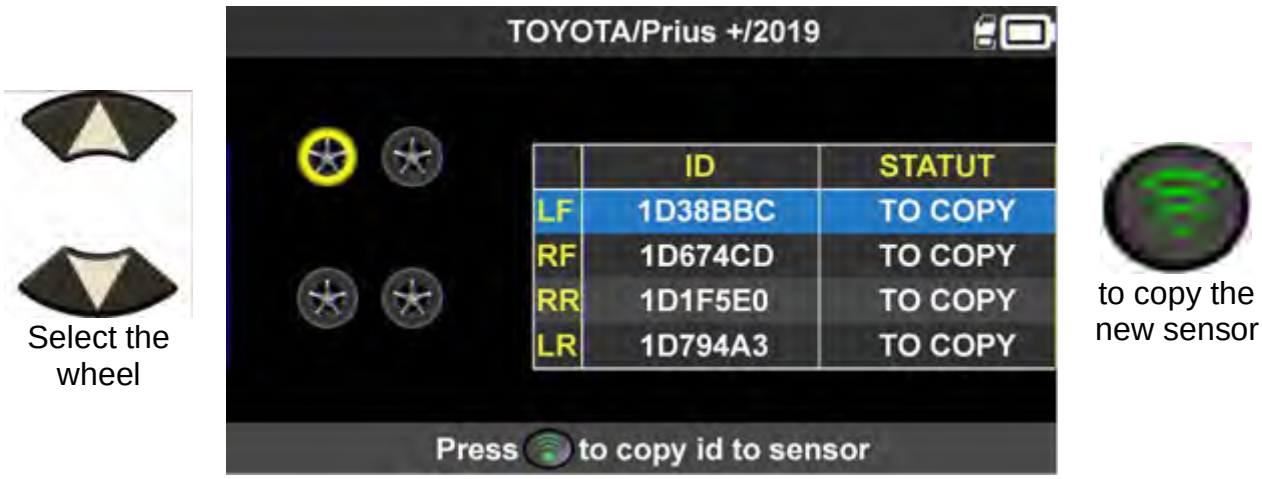
Select the model of programmable sensor you have.



If necessary, the VT57 will show the type/model of the programmable sensor compatible with the selected vehicle.



Carry out the “**COPY SENSOR ID**” operation.



2.3.2. Reading TPMS DTC error codes

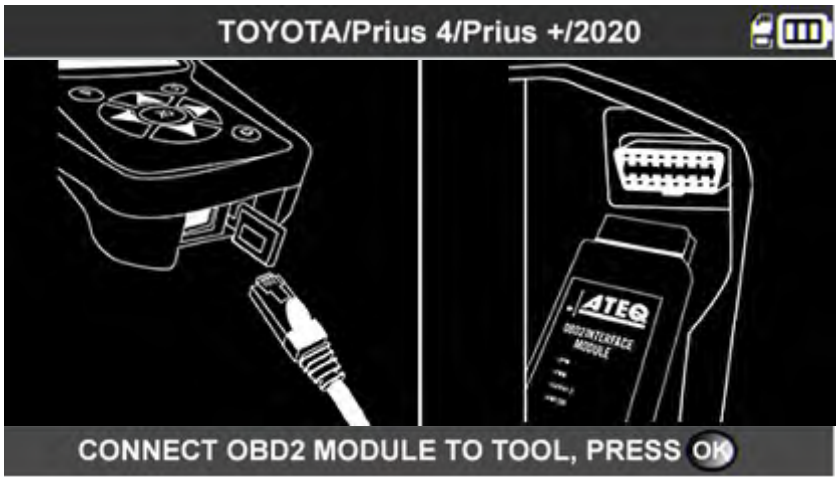
DTC stands for Diagnostic Trouble Codes.

This function enables the TPMS error codes to be read. It is only available for the following makes: Acura, Honda, Hyundai, Infiniti, Kia, Lexus, Mitsubishi, Nissan, Subaru and Toyota.

= next

= back

Connect the ATEQ OBD-II module to the vehicle's OBD-II port, then switch on the ignition.



The error codes will be displayed on the screen.

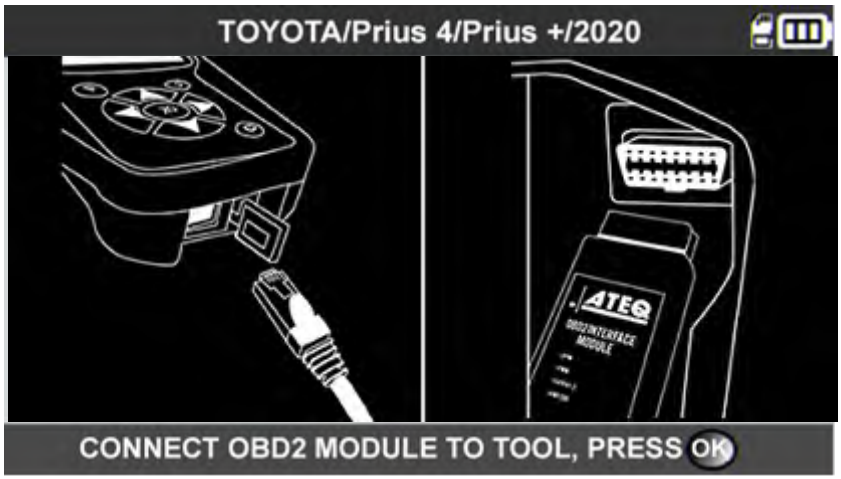
2.3.3. Unlocking TPMS ECU

The ECU unlock function is only available for Toyota and Lexus vehicles. This function resets the vehicle's TPMS ECU to zero. After sending the instruction to the system, the VT57 automatically goes back to the **TPMS service** screen.

= next

= back

Connect the ATEQ OBD-II module to the vehicle's OBD-II port, then switch on the ignition.



TPMS system reset

When the vehicle's TPMS system has been reset, the VT57 will return to the **TPMS service** screen.

TPMS system reset

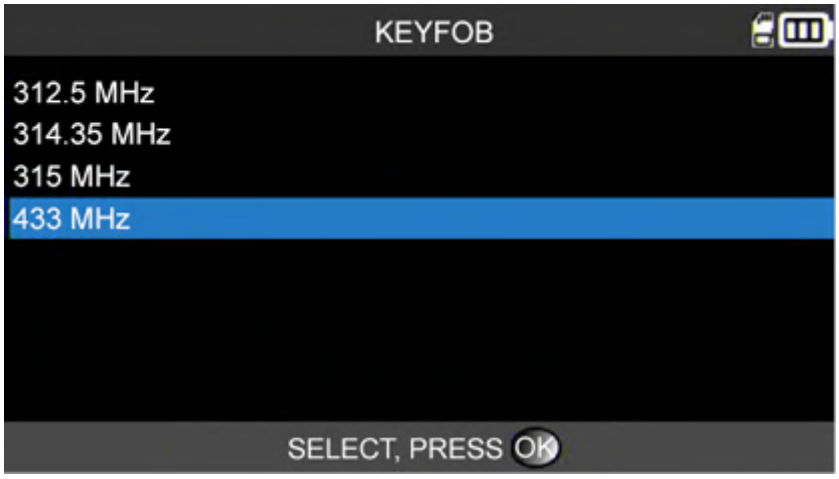
2.3.4. Key fob test

This function measures the radio frequency (RF) signal strength of the key fob.

= next

= back

Depending on the make and model of the selected vehicle, the VT57 asks you to choose the communication frequency for the key fob being tested.



= next

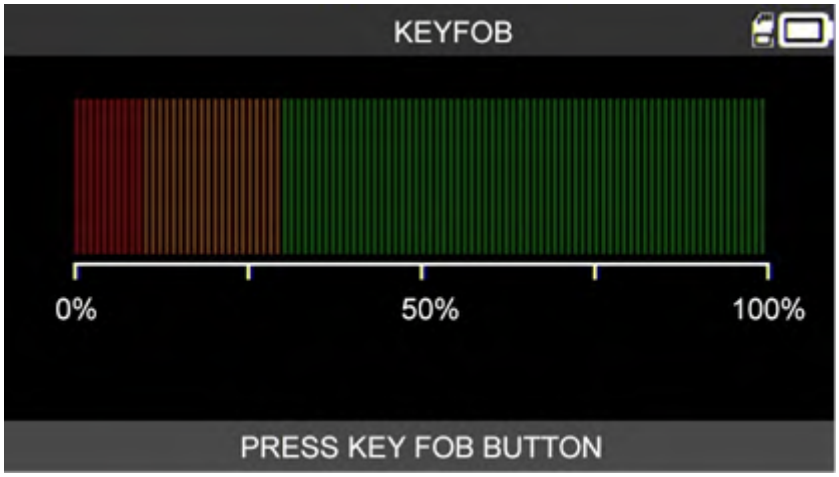
= back

Follow the instructions on screen.

= next

= back

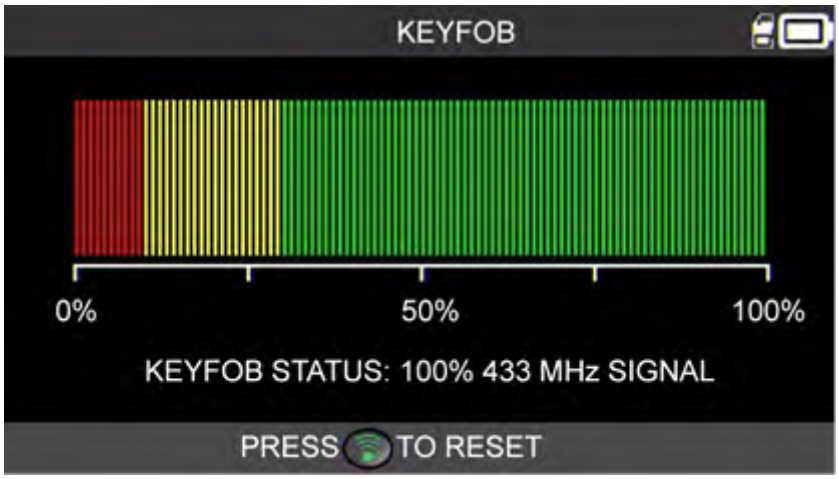
Press the HF key button.



Reset the measurement and rerun the test

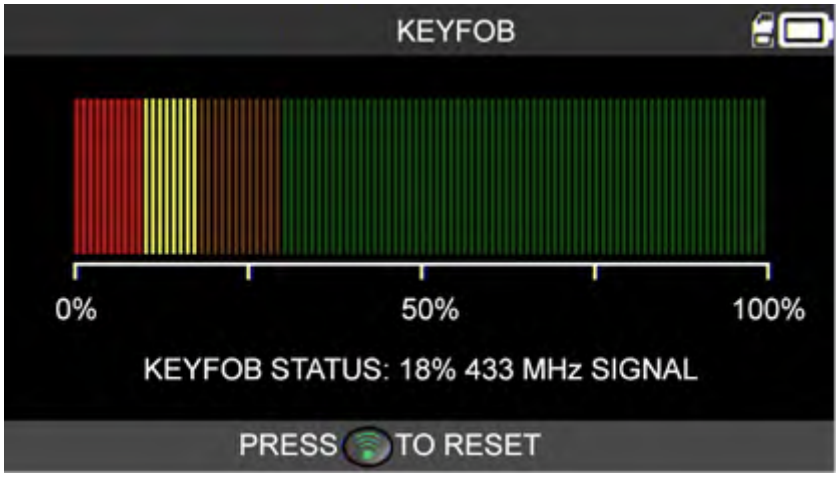
The VT57 waits for a radio signal and then displays the strength of the signal it receives.

GOOD: the key sends a strong radio signal within the chosen frequency range



Reset the measurement and rerun the test

POOR: the key sends a weak radio signal within the chosen frequency range



Reset the measurement and rerun the test

A weak radio signal indicates a low or dead battery. It is recommended that you replace the battery.

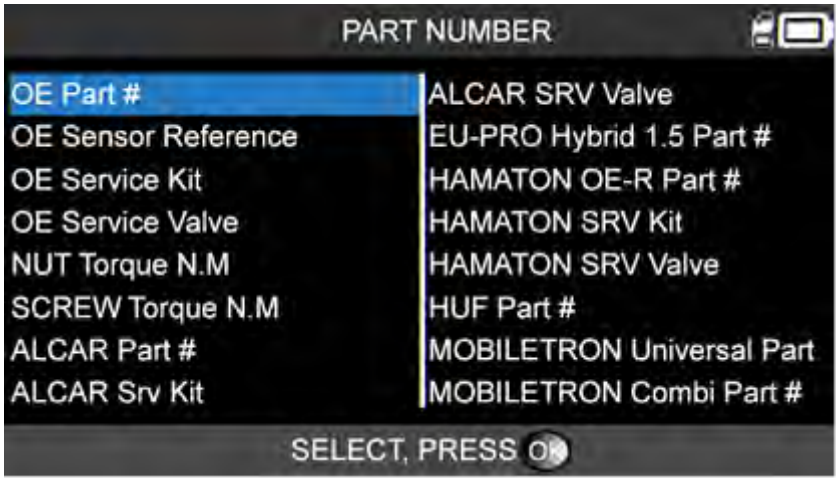
2.3.5. Spare parts

This function provides access to a spare parts database suited to all TPMS sensors available across all vehicles on the market.

= next

= back

Use the arrow buttons to select the type of spare part you are looking for in the database.



= next

= back

Scroll through the information if necessary

= next

= back

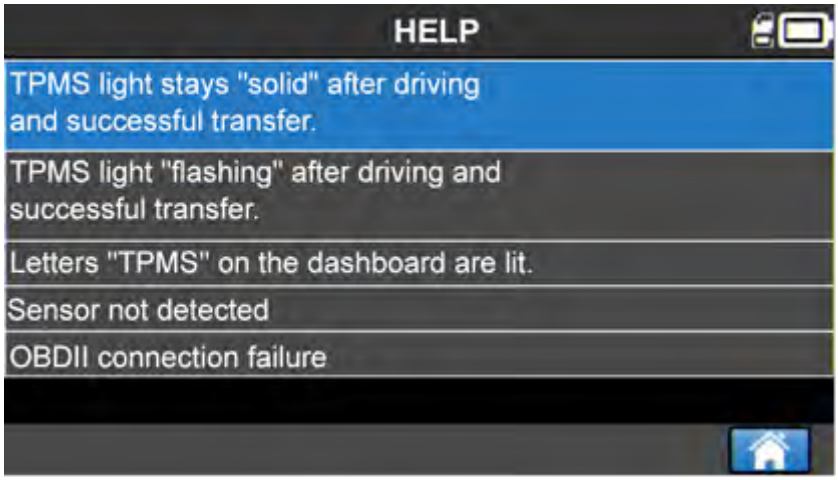
2.3.6. Help

This function provides help for users for resolving TPMS faults.

= next

= back

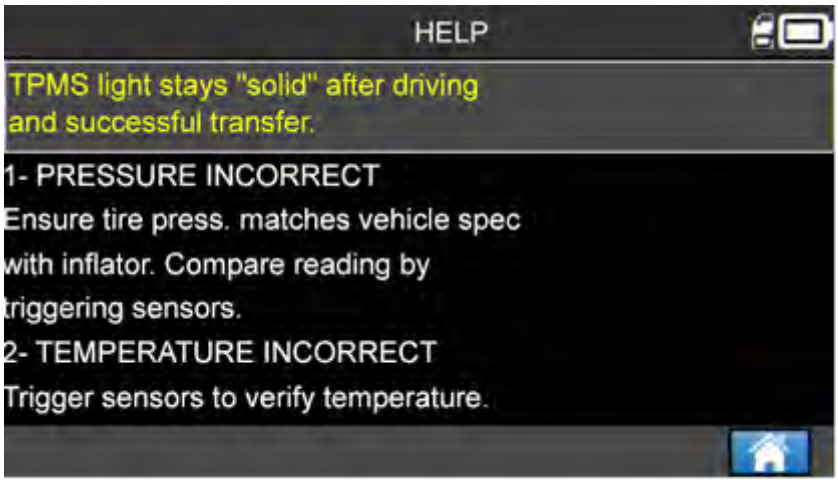
Select the type of fault



= next

= back

Scroll down the screen to read all the information



= next

= back

2.3.7. Placard Value Adjustment

This function allows you to change the tire pressure reference values stored in the vehicle's ECU using an OBD connection.

The **Placard Value Adjustment** function can be used when changing tires with a different load index than the original tires, such as off-road tires, oversized tires or low-profile tires, in order to keep the vehicle's TPMS system working and to prevent a TPMS alert from being displayed on the dashboard.

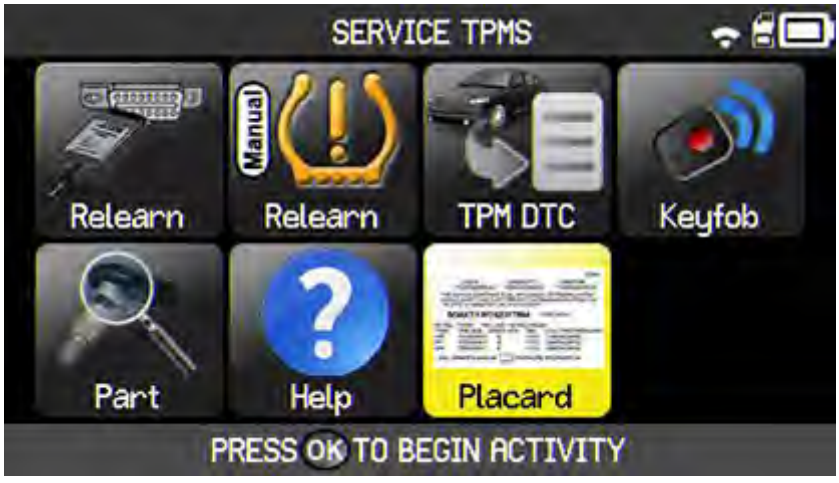
Please note that after using this function, the tire pressure values on the standard placard affixed to the vehicle no longer correspond to those registered in the vehicle's ECU.

Warning, when you change the tire pressure reference values stored in the vehicle's ECU, you are changing the low pressure warning threshold. Be certain of the values you enter so as not to put yourself at risk.

The Placard Value Adjustment function is available only when the VT57 is in the America geographical region.

The Placard Value Adjustment function is only available for certain makes of vehicles on the US market.

Use the arrow buttons to select the **Placard** icon.



= next

= back

Warning! The placard icon is visible only when:

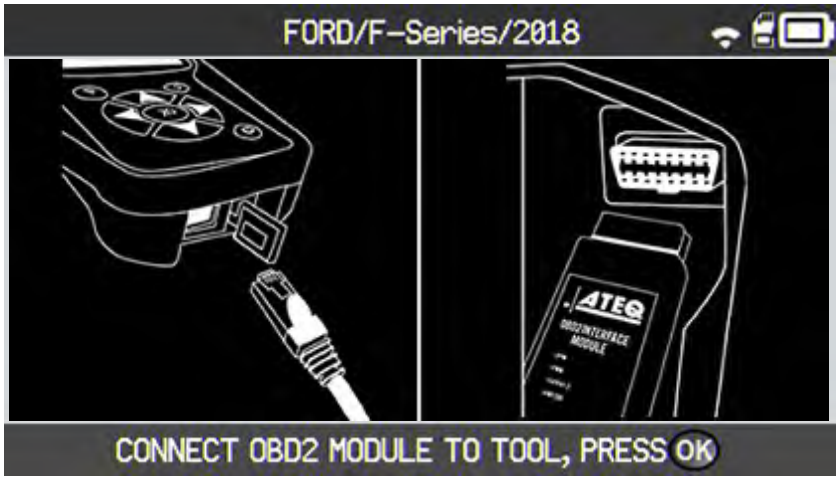
- your VT57 tool is in the America geographical region
- you have selected a vehicle of a make compatible with this function.

Please read the recommendation message displayed on the screen of the VT57.

= next

= back

Connect the OBD-II module to the VT57 then press **OK**.



= next

= back

Connect the ATEQ OBD-II module to the vehicle's OBD port.

Turn the ignition on.

Press OK on the VT57.

= next

= back

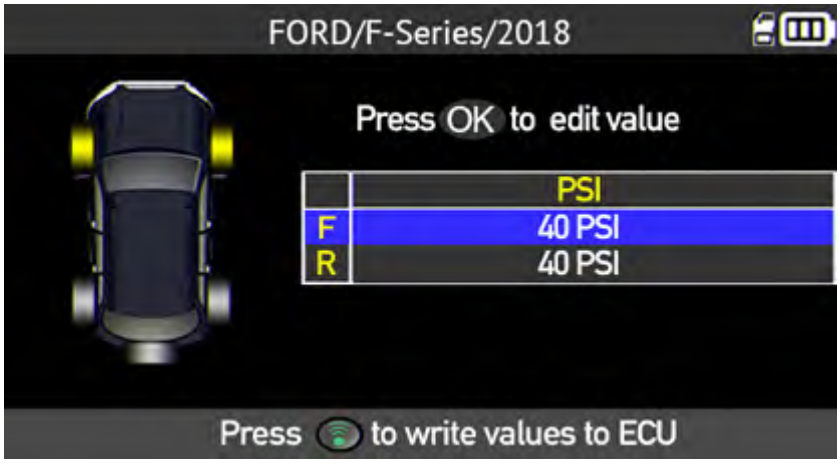
The VT57 reads the vehicle's reference TPMS data from the ECU.

OK = next

C = back

The vehicle’s reference TPMS data recorded in the ECU are displayed on the screen.

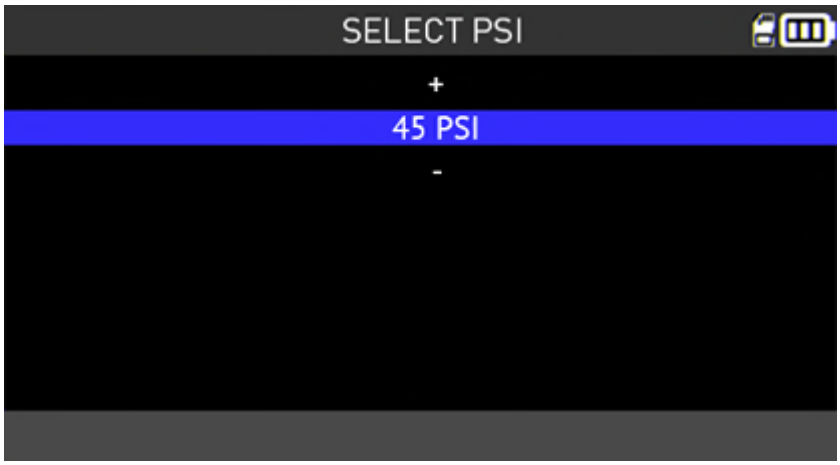
Select the F (Front) or R (Rear) line using the up and down arrow buttons to change the reference pressure value for the front or rear wheels of the vehicle.



OK = next

C = back

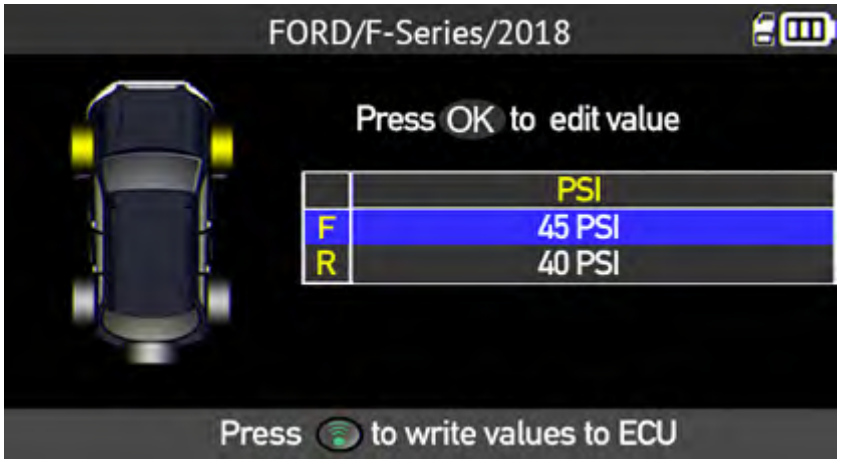
Use the up arrow button to increase the reference pressure value of the selected wheels and the down arrow button to decrease the value.



OK = next

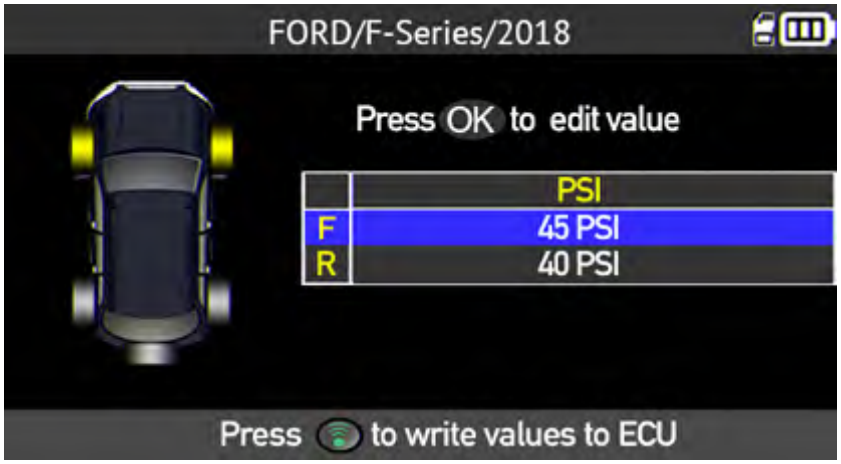
C = back

Repeat for the front or rear wheels if desired.



= next

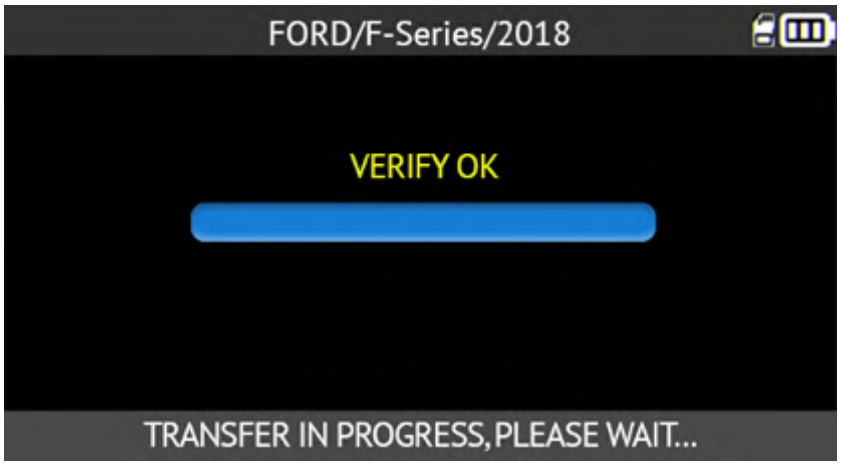
= back



Press

to write the new reference pressure values to the vehicle ECU.

The new reference pressure values are recorded in the vehicle's ECU. The VERIFY OK message confirms the data have been saved.



2.4. Programming a blank sensor

This section describes how to program programmable universal sensors.

The VT57 is compatible with most programmable universal sensors available on the after-sales market.

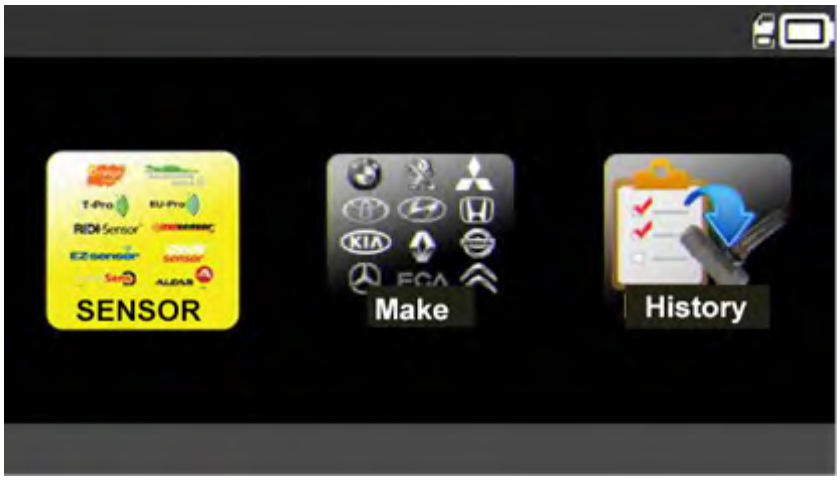
Use the arrow buttons to select the **Program** icon.

= next

= back

2.4.1. Select by sensor make

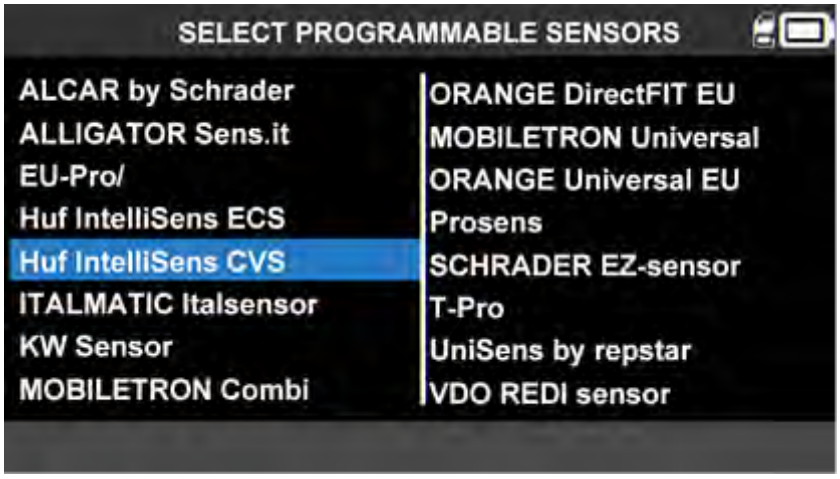
Choose the **Sensor** selection mode



= next

= back

Choose the sensor make



= next

= back

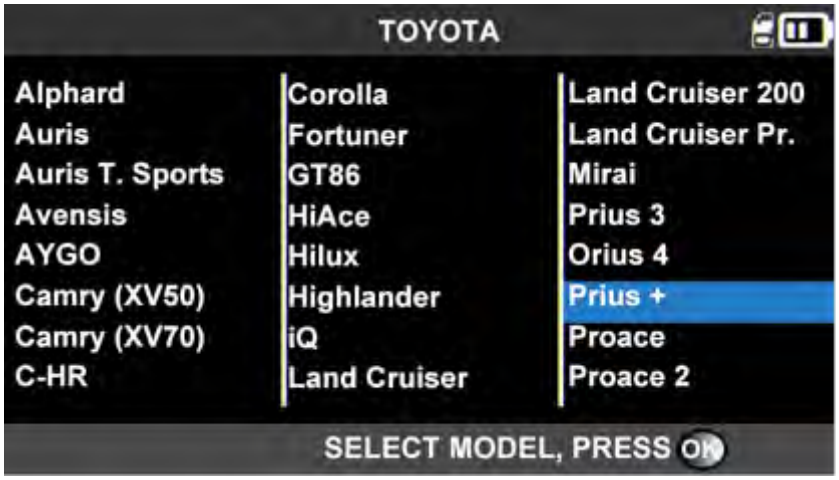
The makes shown may change, depending on the tool versions.

Choose the vehicle make

= next

= back

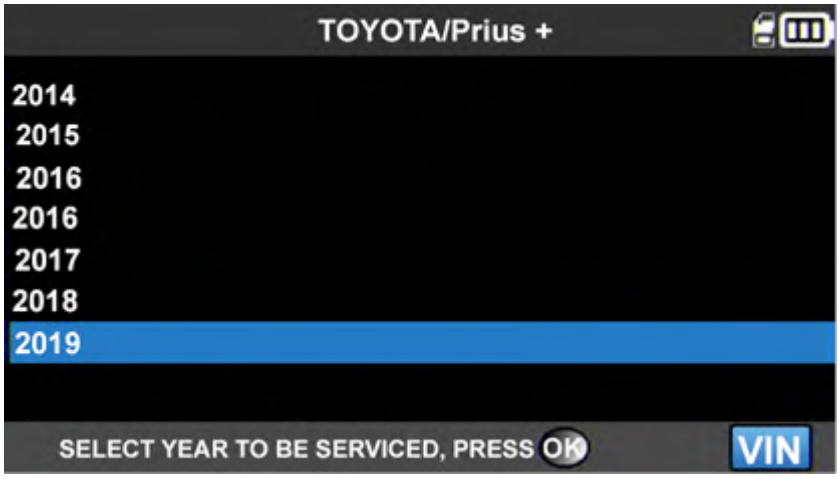
Choose the vehicle model



= next

= back

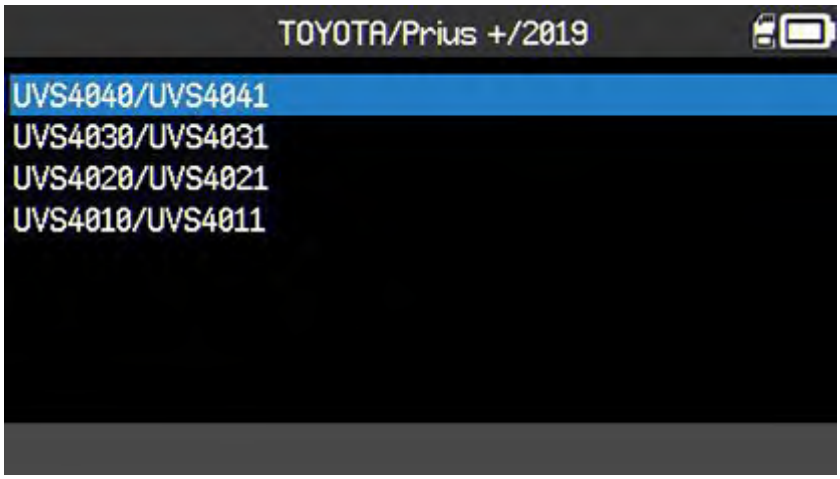
Choose the vehicle model year



= next

= back

The sensor models compatible with your choices are displayed.
Select the model you want to program.

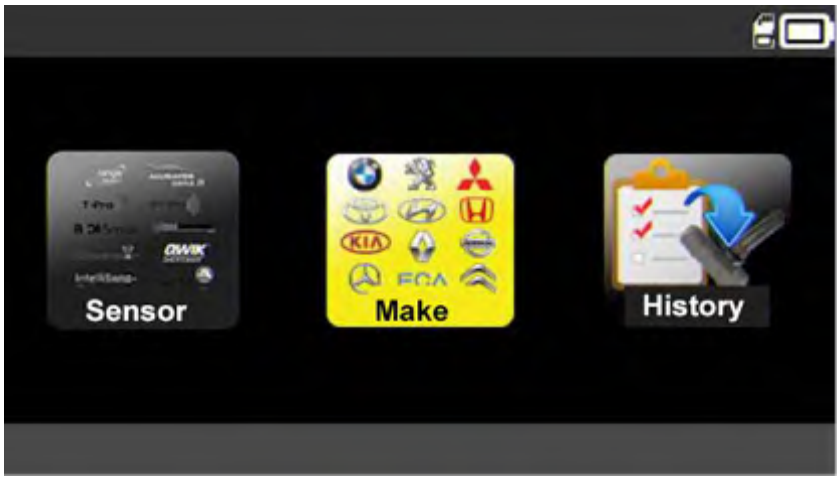


= next

= back

2.4.2. Select by vehicle make

Choose the **Make** selection mode



= next

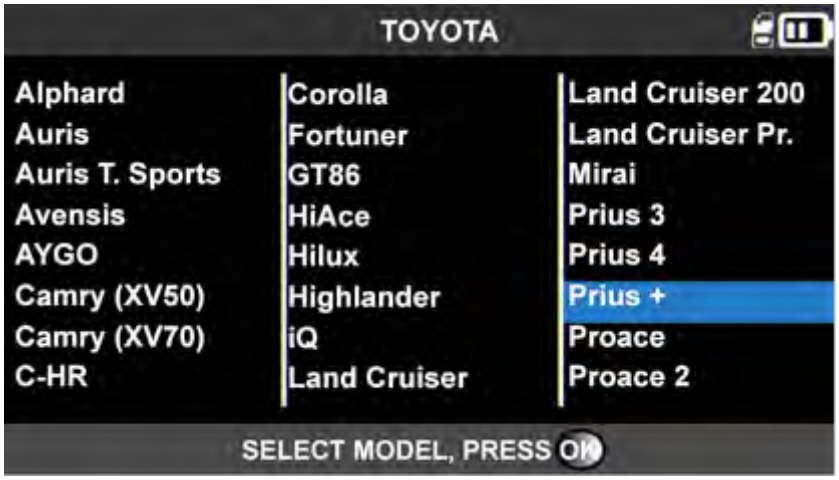
= back

Choose the vehicle make

= next

= back

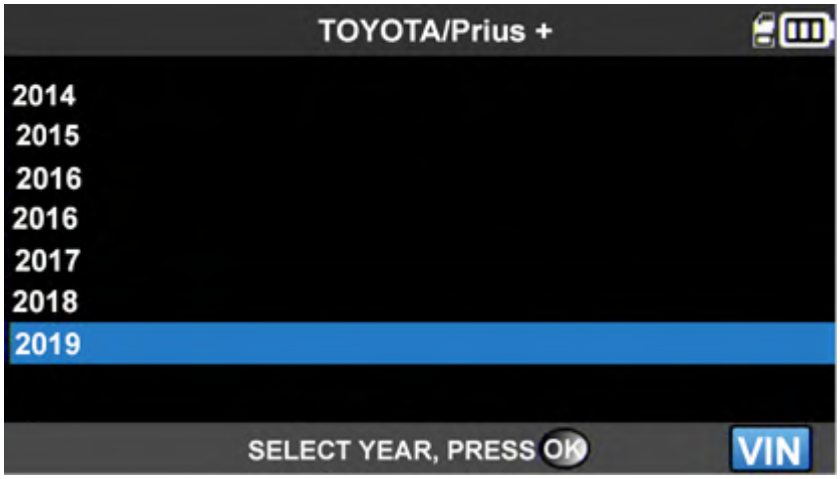
Choose the vehicle model



= next

= back

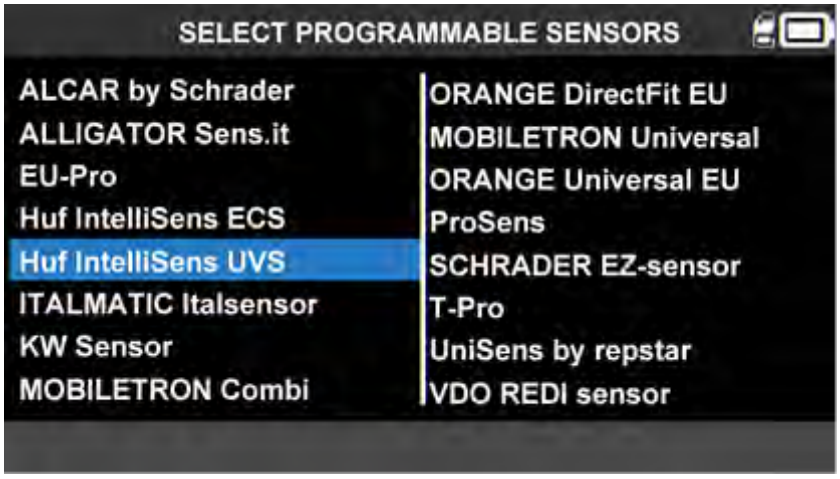
Choose the vehicle model year



= next

= back

Choose the sensor make

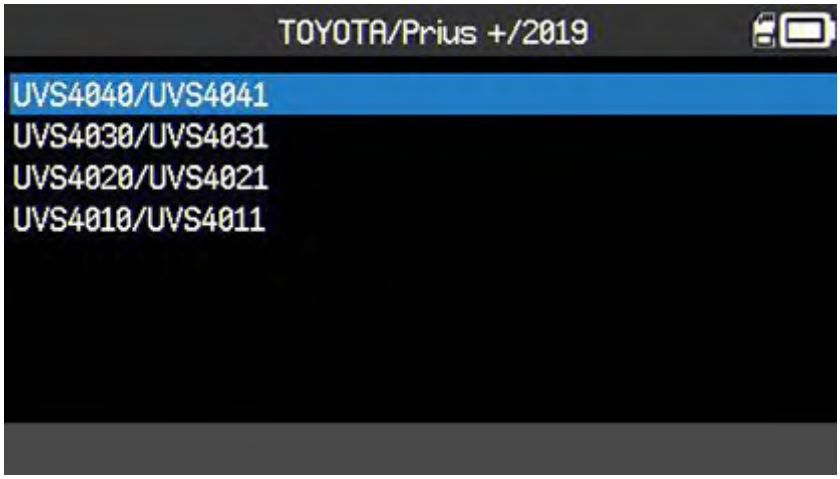


= next

= back

The makes shown may change, depending on the tool versions.

The sensor models compatible with your choices are displayed.
Select the model you want to program.

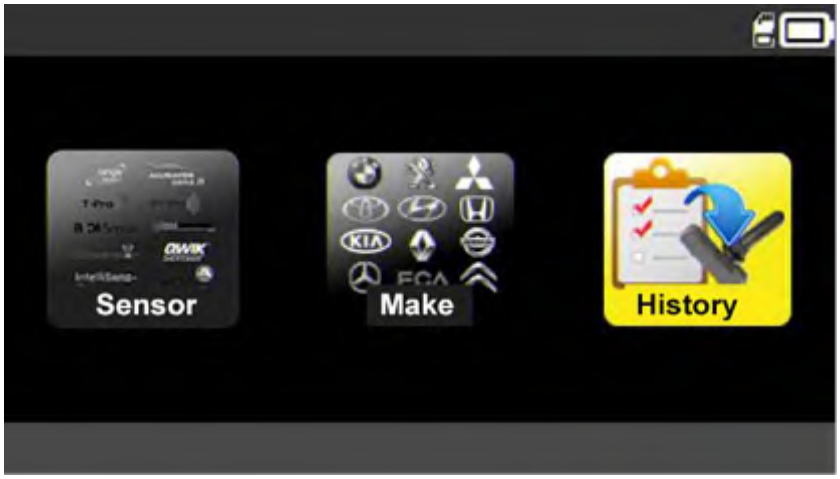


= next

= back

2.4.3. Select by history

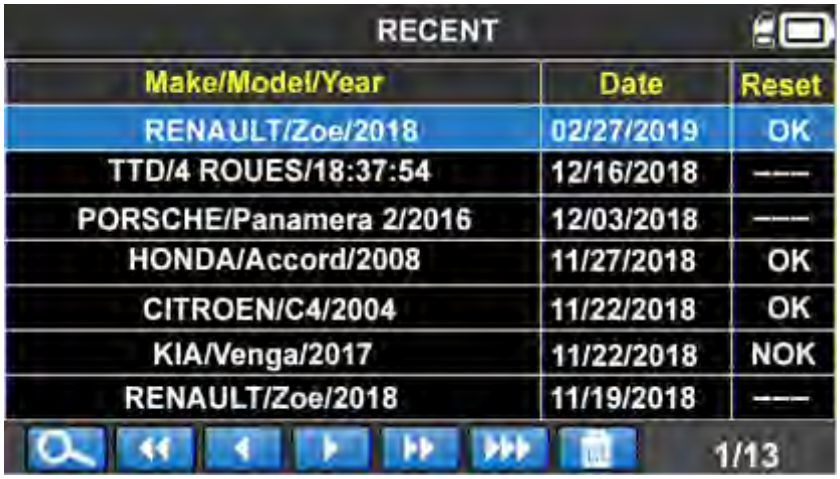
Choose the **History** selection mode



= next

= back

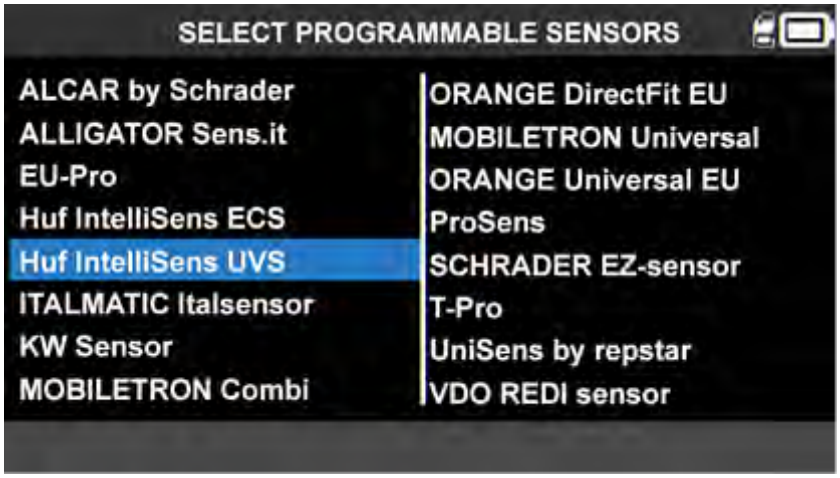
Choose the vehicle



= next

= back

Choose the sensor make

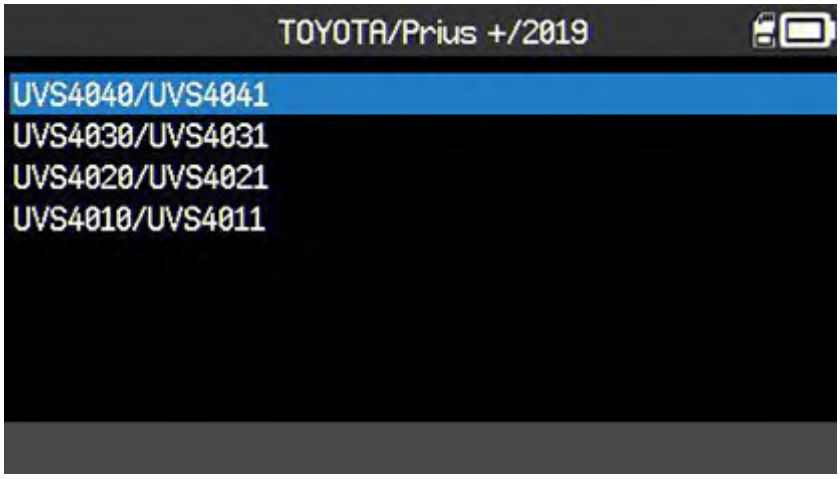


= next

= back

The makes shown may change, depending on the tool versions.

The sensor models compatible with your choices are displayed.
Select the model you want to program.



OK = next

C = back

2.4.4. Creating a TPMS sensor

This section concerns the procedure for creating a new TPMS sensor corresponding to the original model. This procedure should be used when it is not possible to copy the original sensor (e.g. faulty sensor).

The procedure for creating a new TPMS sensor generates a new ID randomly created by the VT57. This ID will not be the same as the original ID. The vehicle's ECU will then have to relearn the new ID; refer to paragraph ODB-II relearning on page 30.

Choose the **Create** mode

OK = next

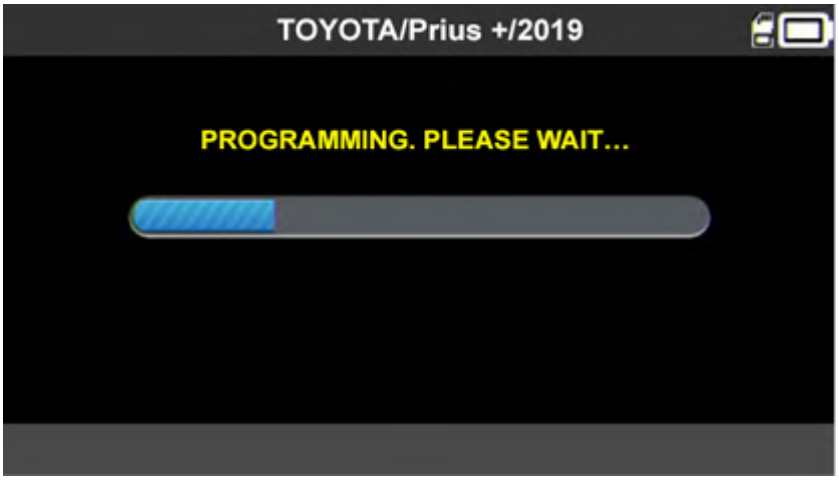
C = back

Position the programmable sensor in front of the device antenna to program it.

OK = next

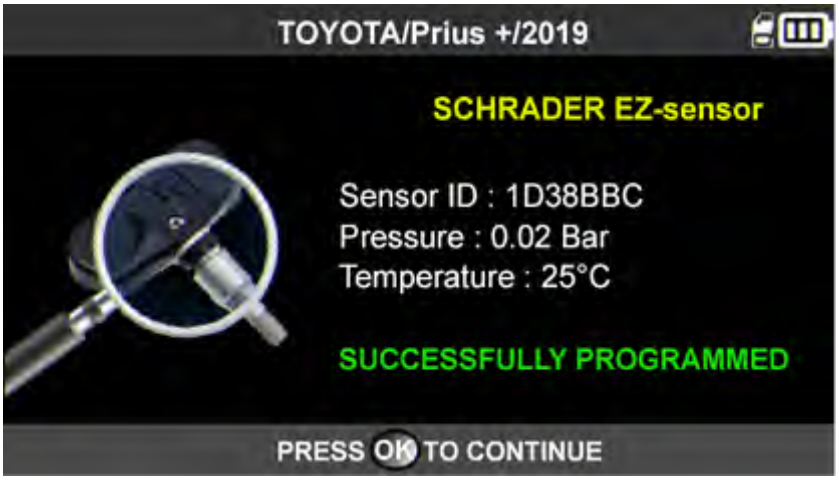
= Main menu

Wait a few seconds.



When the new sensor is created, the VT57 screen shows the information related to the sensor with the message **Successfully programmed**.

The sensor is created



OK = next

C = back l

2.4.5. Copying a TPMS sensor

This section describes copying the ID from an old original sensor and then transferring that ID to a new programmable sensor.

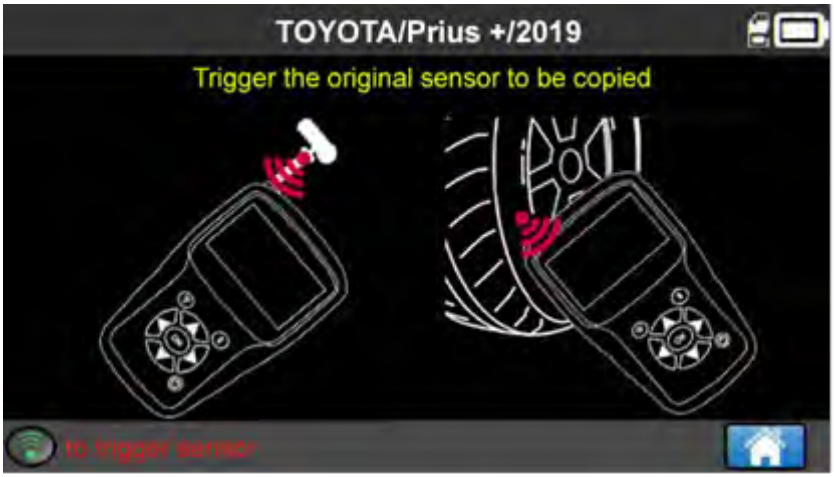
Choose the **Copy** mode

= next

= back

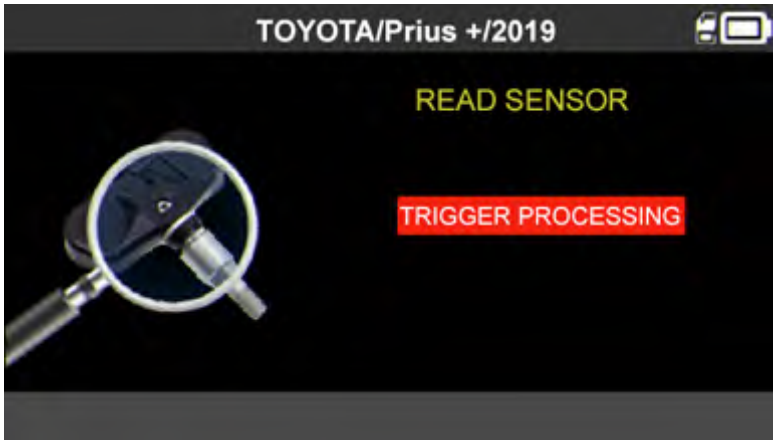
Position the old sensor in front of the VT57 antenna to read it.

Old sensor

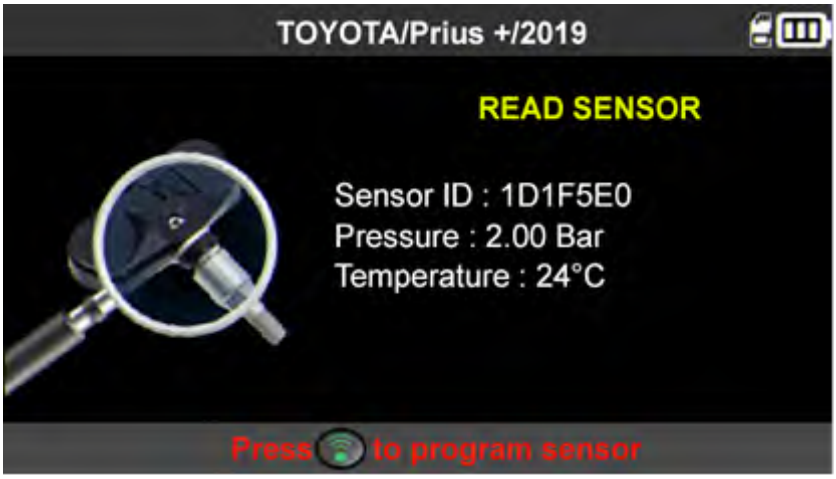


to come out of standby and read the sensor

Wait a few seconds for the VT57 to come on and read the sensor.



The sensor information is displayed

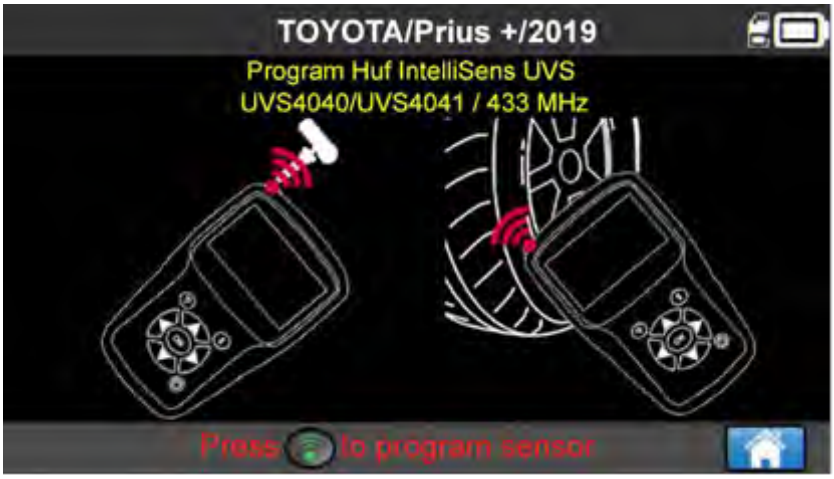


to proceed to the next step

= back

Position the new sensor in front of the VT57 antenna to carry out the programming.

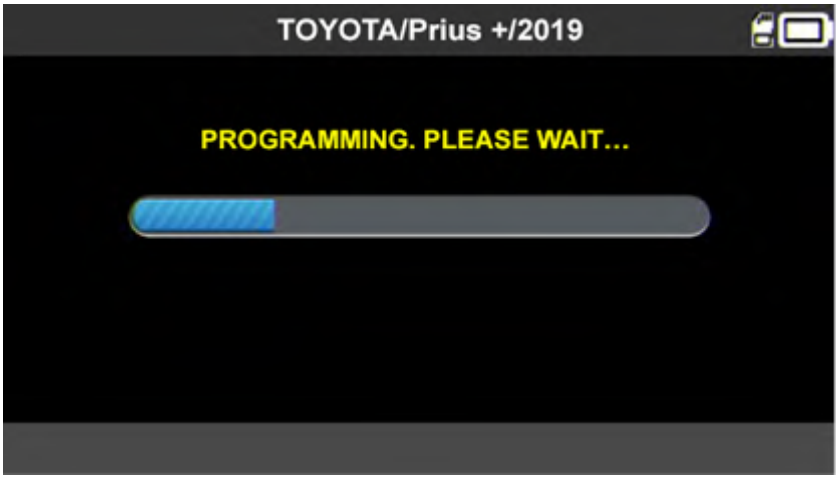
New sensor



to program the sensor

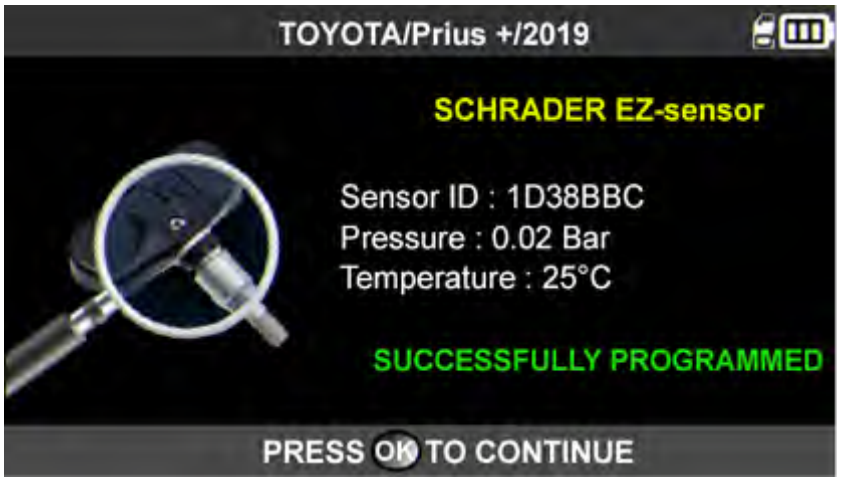
= Main menu

Wait a few seconds.



When the programming is complete, the new sensor is created. The VT57 screen shows the information related to the sensor and the message **Successfully programmed**.

The sensor is created



OK
to program another sensor

C
= back

2.4.6. Copying all TPMS sensors

This section describes copying the IDs of the 4 or 5 old sensors of a vehicle, where these can be activated, and then copying these IDs into 4 or 5 new programmable sensors.

This option can be used to create a set of winter tires, for example.

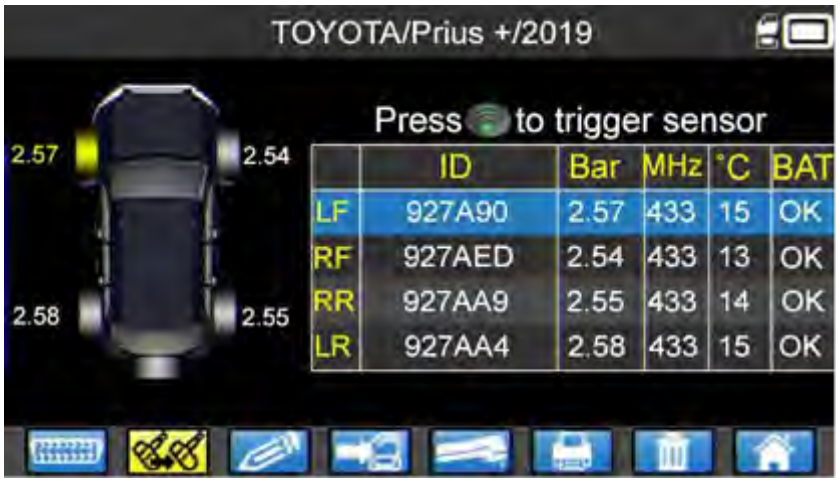
Choose the **Copy set** mode

= next

= back

Read the 4 or 5 old sensors of the vehicle whose IDs you wish to copy. Please refer to Reading sensors on page 20.

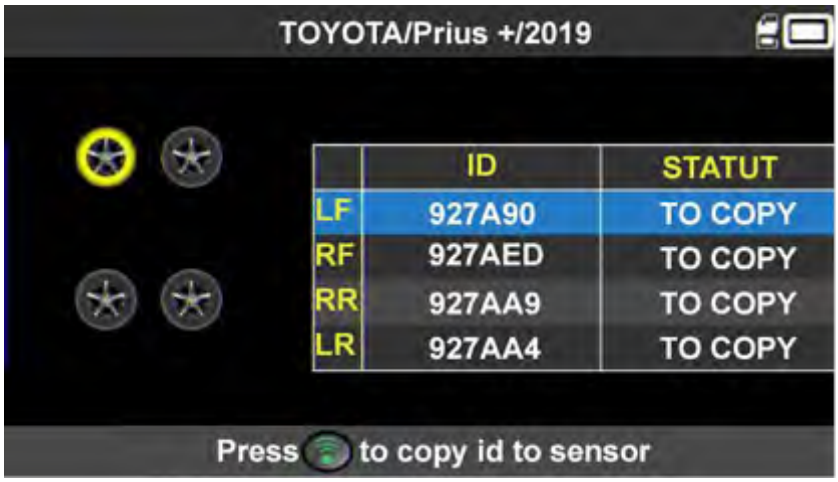
once all the sensors have been read, select the icon



= next

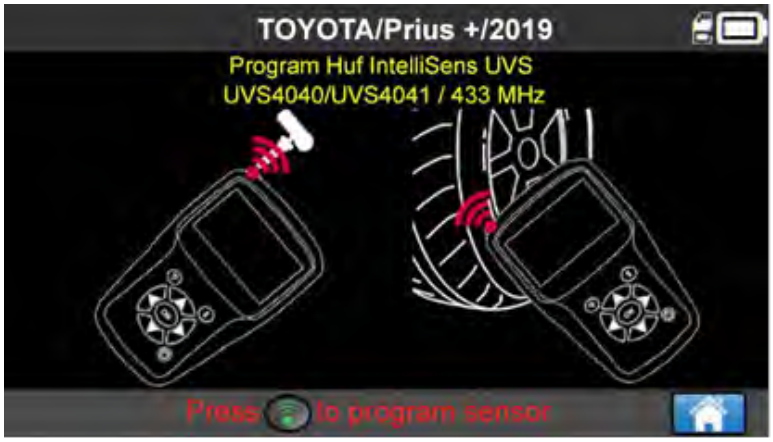
= back

Select the wheel to copy



to copy the ID from the old sensor to the new sensor

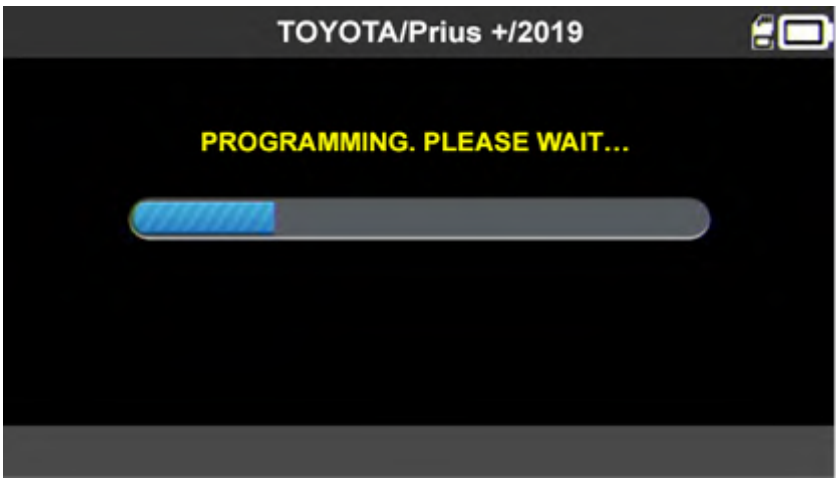
Position the first new sensor in front of the tool antenna to program it



= next

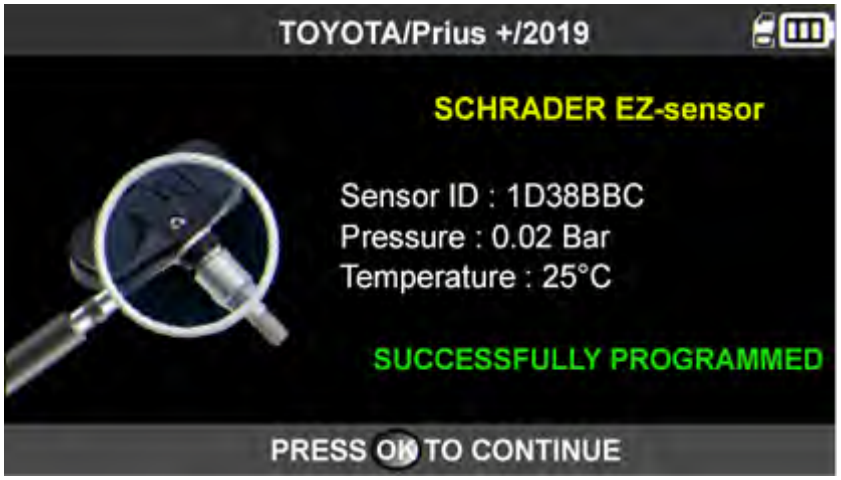
= Main menu

Wait a few seconds.



When the programming is complete, the new sensor is created. The VT57 screen shows the information related to the new sensor and the message **Successfully programmed**.

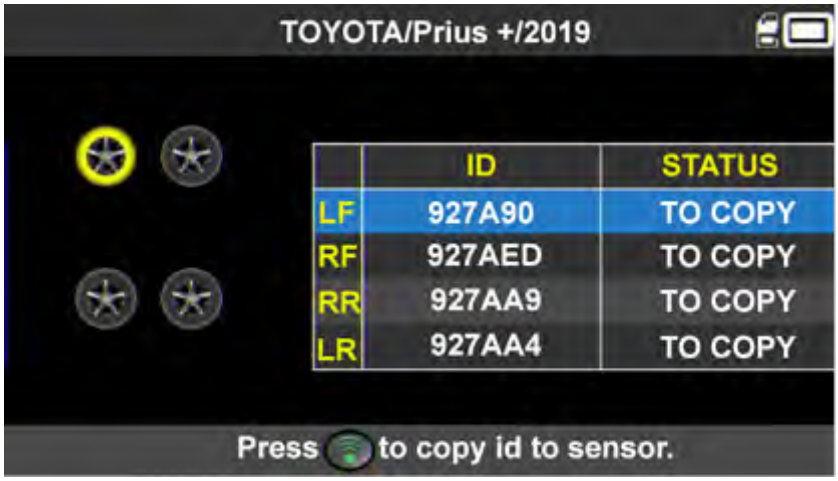
The sensor is created



= next

= back

Select the second wheel to copy



to copy the ID from the old sensor to the new sensor

Perform the same operation for all wheels on the vehicle.

2.4.7. Programming fault

If there is a problem when copying an ID, the message below appears on the screen of the VT57.

If there is a copy error, repeat the operation

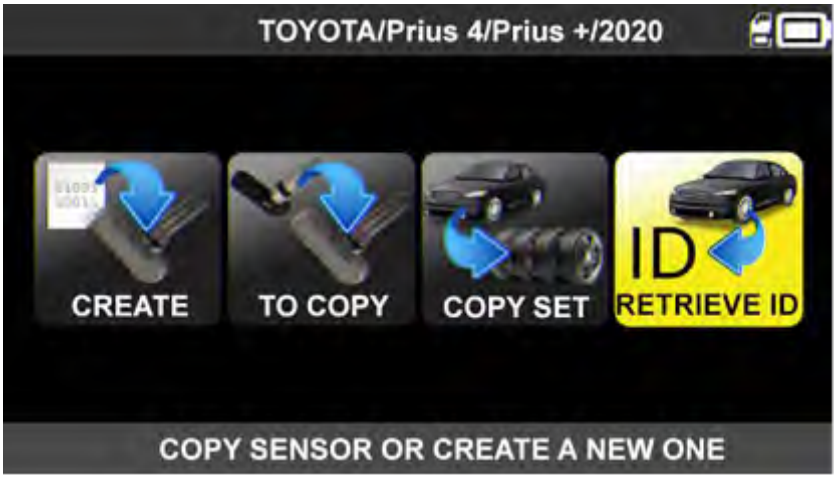
= try again

= back

2.4.8. Retrieving the ID of a TPMS sensor

This section describes the procedure for retrieving the TPMS sensor IDs stored in the vehicle's TPMS ECU.

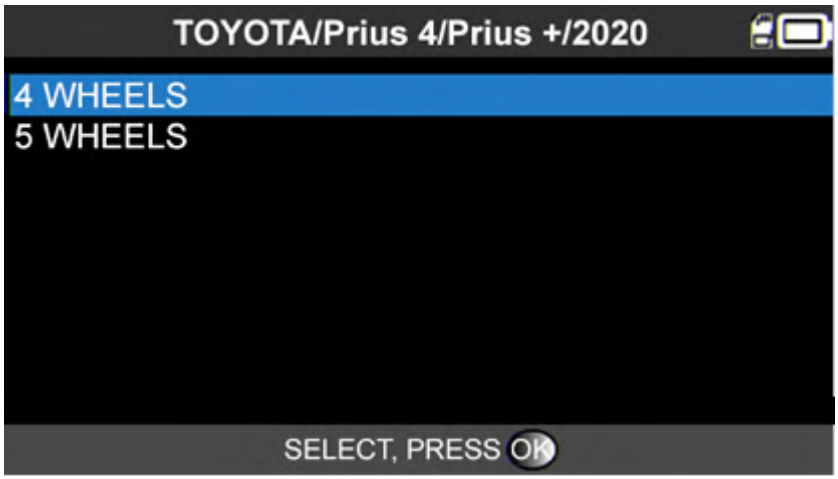
Choose the **Retrieve ID** mode



= next

= back

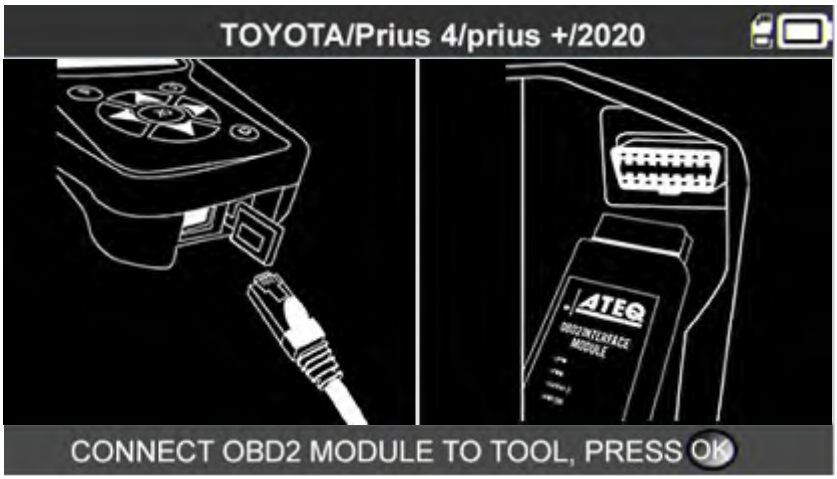
Depending on the vehicle model selected, specify the number of wheels equipped with TPMS sensors whose IDs you want to retrieve.



= next

= back

Connect the OBD-II module to the VT57 then press **OK**.



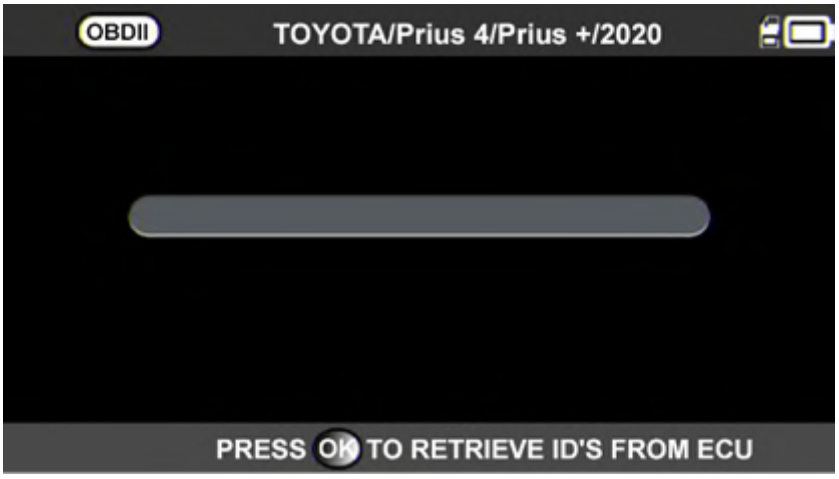
= next

The VT57 shows the location of the OBD-II port for the selected vehicle.

OK = next

Connect the OBD-II module to the vehicle then press **OK**.

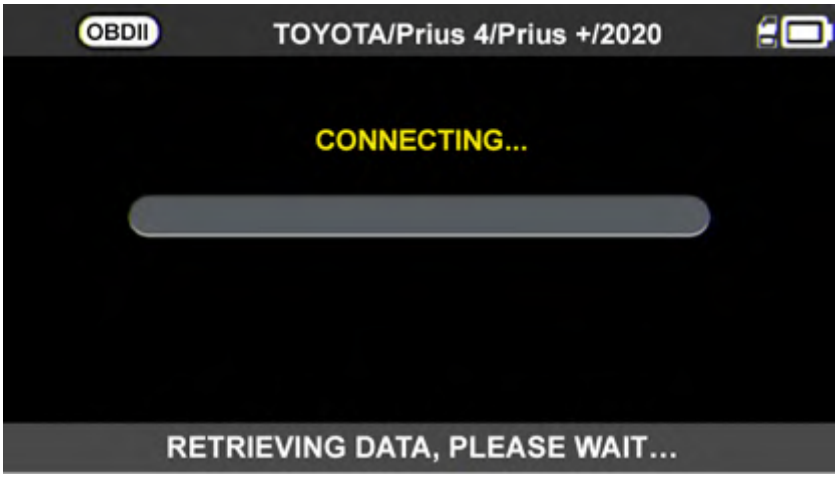
Switch on the ignition then confirm by pressing OK to query the TPMS ECU.



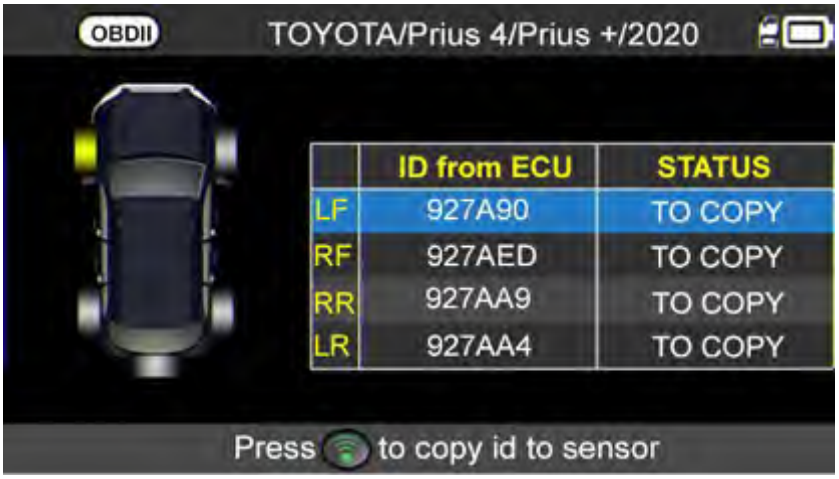
OK = next

The VT57 connects to the vehicle's ECU.

Wait during this operation



The VT57 shows the TPMS sensor IDs saved in the vehicle ECU.



to copy the first sensor

2.4.9. Manual ID entry

This function describes the procedure for manually entering an ID for a damaged TPMS sensor. You must know the ID of the damaged sensor to use this function.

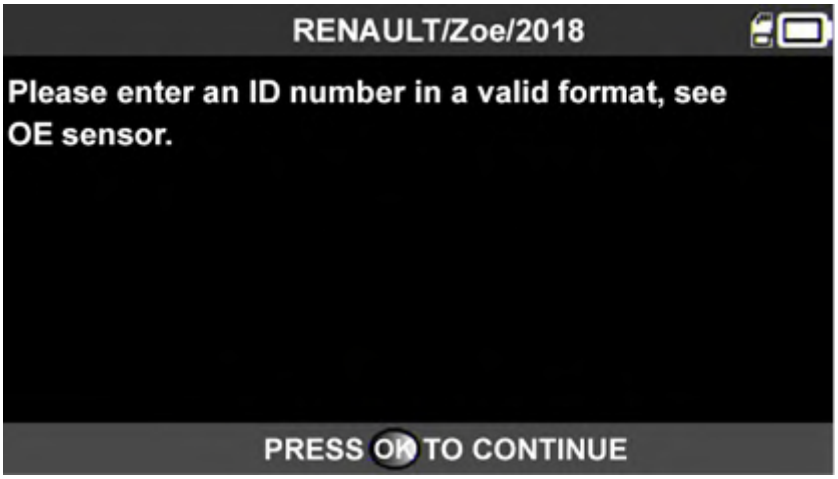
The manual ID entry function is only available for certain makes of programmable sensors.

Choose the **Manual ID** mode

= next

= back

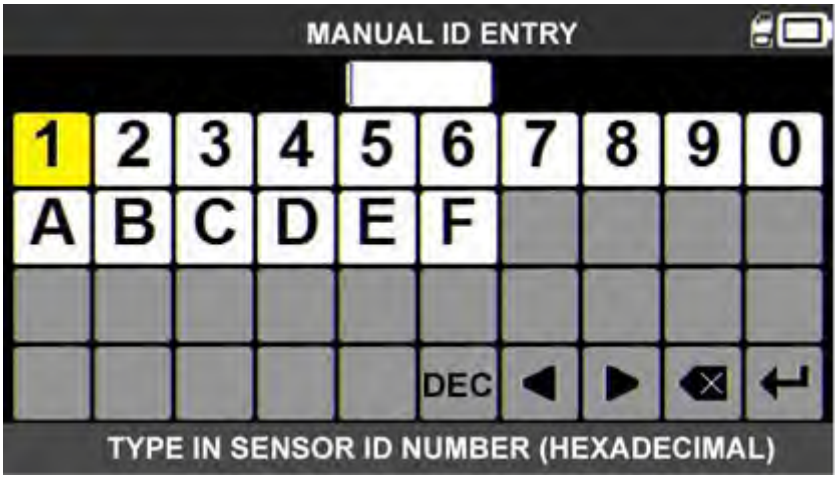
The VT57 asks you to enter a valid TPMS sensor ID in the correct format (decimal or hexadecimal).



OK = next

C = back

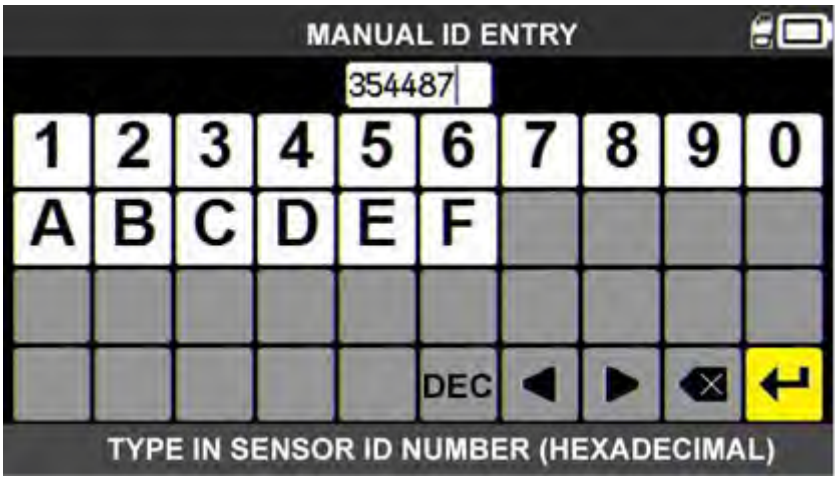
Use the virtual keyboard to enter the sensor ID



OK = next

C = back

Press ↵ to confirm your entry

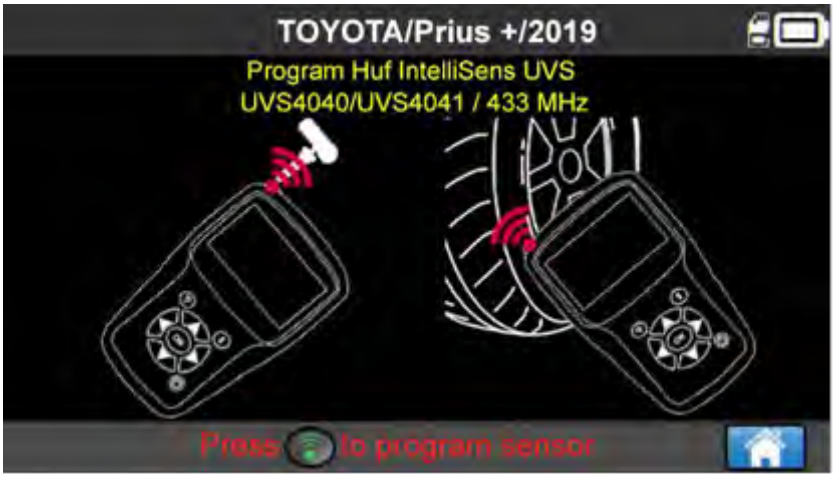


OK = next

C = back

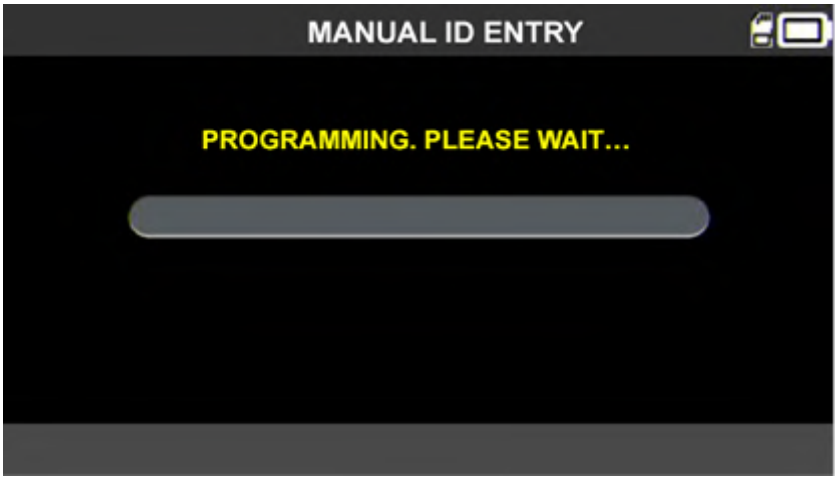
The VT57 is ready to program the sensor.

Move the sensor you want to program close to the VT57 antenna.



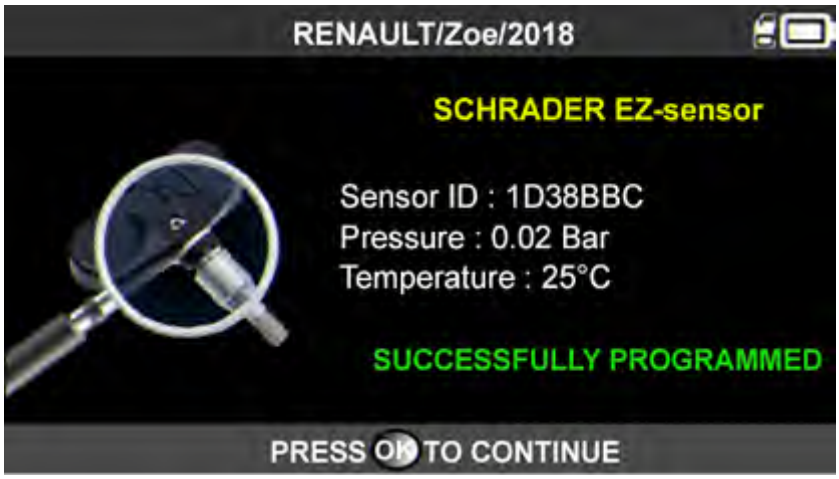

to program

Please wait while the VT57 programs the TPMS sensor.



When the new sensor has been programmed, the VT57 screen shows the information related to the new sensor and the message **Successfully programmed**.

The sensor is created



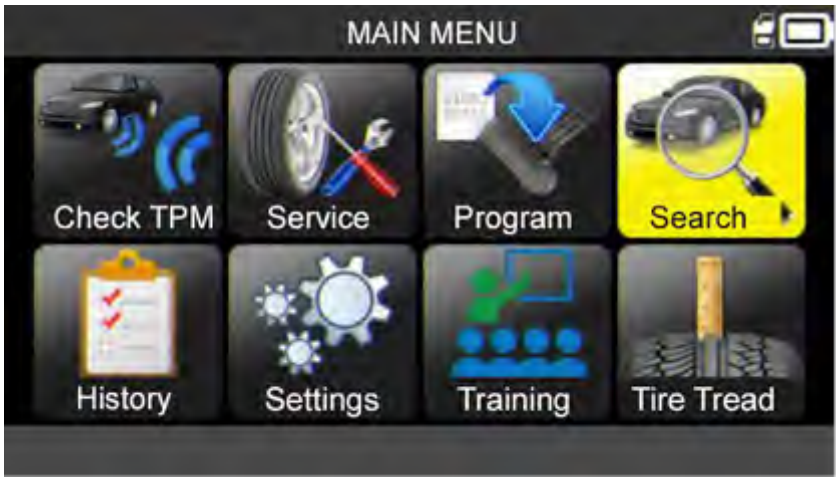
= next

2.5. Search

This section describes how to search for a task recorded on the VT57. For good results, it is advisable to complete additional fields beforehand such as:

- customer name,
- registration number,
- VIN,
- vehicle make.

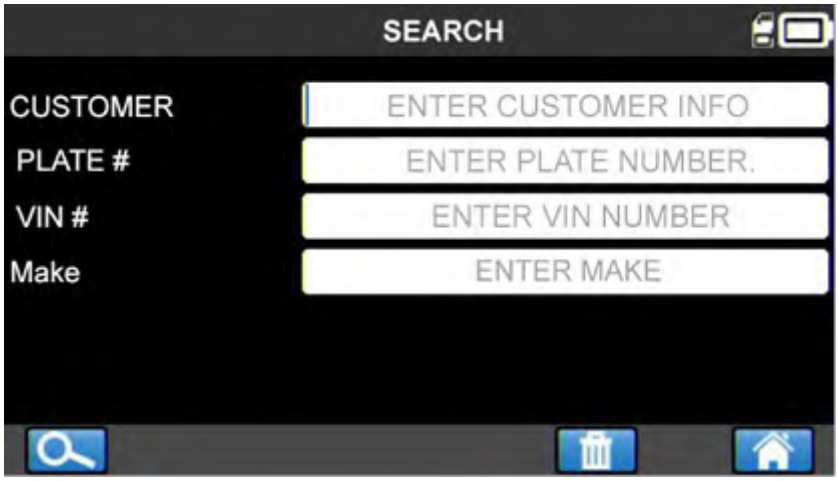
Use the arrow buttons to select the **Search** icon.



= next

= back

Use the up and down arrows to select the search criteria you wish to use: customer name, registration number, VIN or vehicle make.

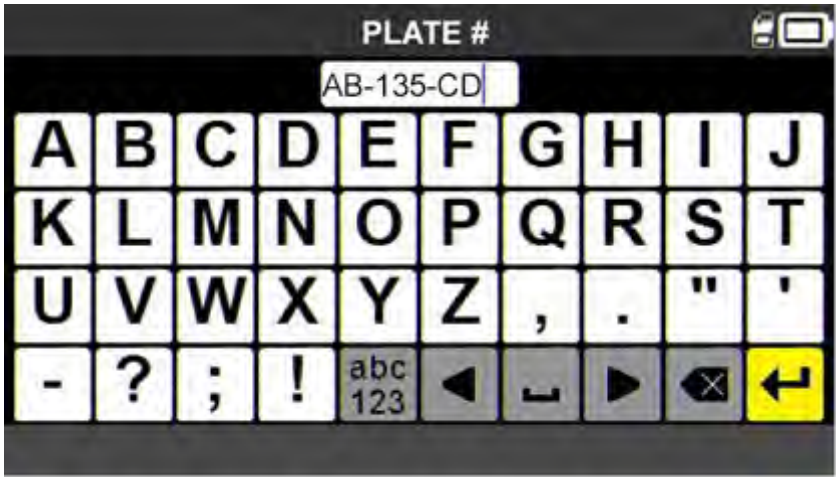


= next

= back

Enter your search using the arrow buttons and the virtual keyboard.

Confirm your entry with this icon



= next

= back

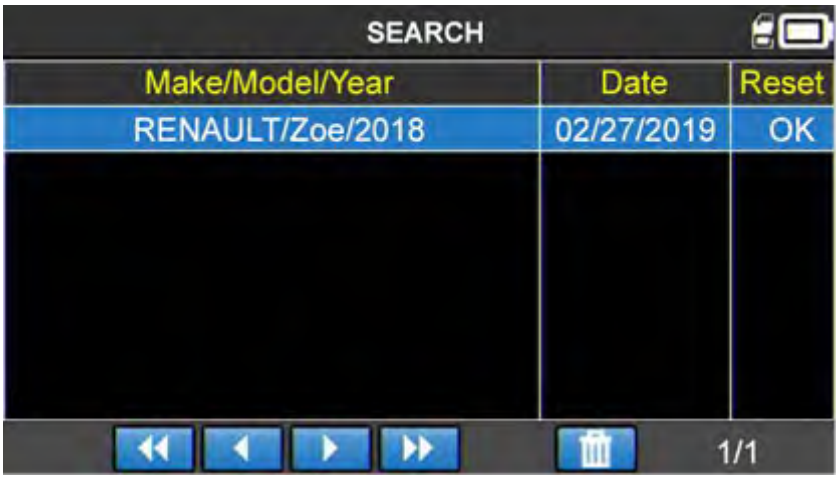
The VT57 confirms the entry.

= next

= back

The results corresponding to the search are displayed.

Use the arrow buttons to select the vehicle you are interested in.



= next

= back

Detailed information for the selected vehicle is displayed.

You are now ready to perform all TPMS maintenance actions on the vehicle.

= next

= back

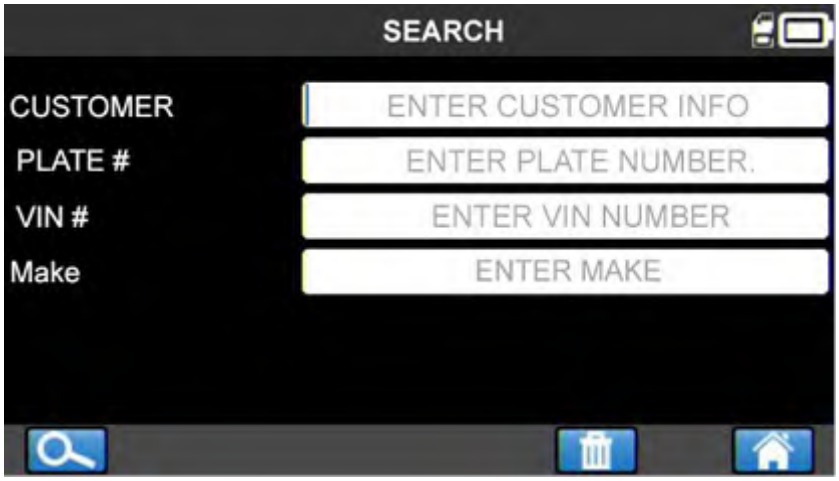
2.5.1. Search by VIN

This function allows you to search for a vehicle that has already been registered in the VT57 by its VIN.

= next

= back

Use the up or down buttons to select the VIN # field.



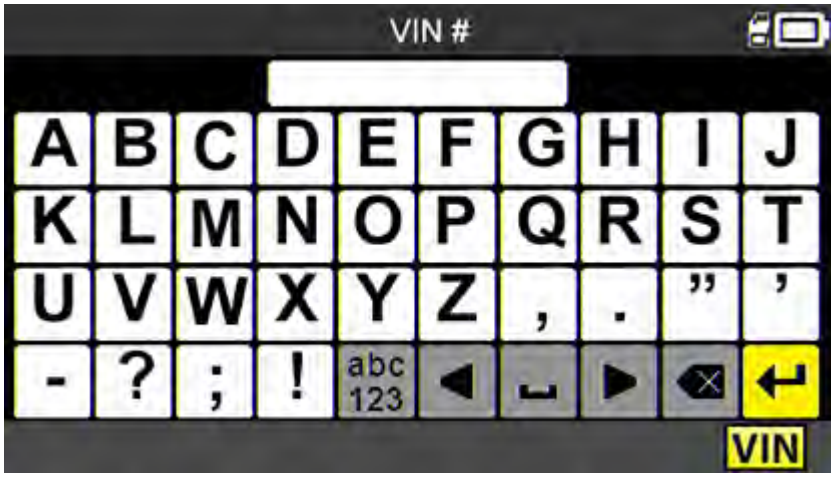
= next

= back

You can choose between:

- entering the VIN manually using the arrow buttons
- scanning the VIN on the vehicle using the VT57.

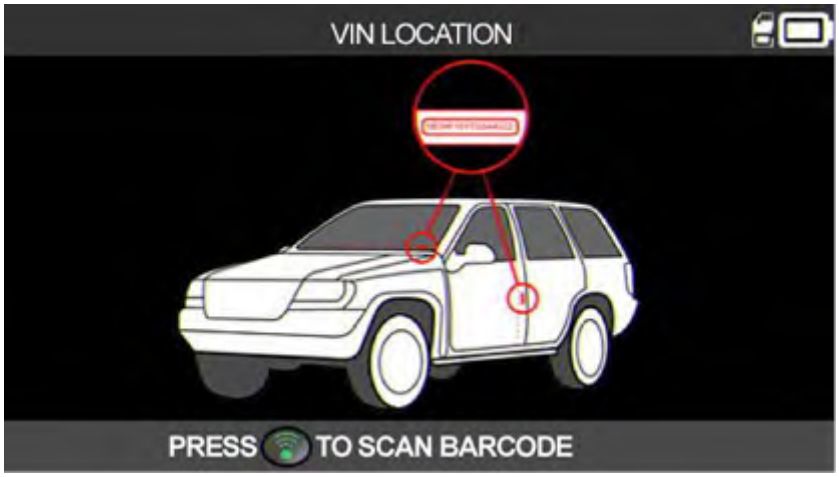
To scan the VIN, select the icon VIN



= next

= back

The VT57 shows the most common locations for the VIN.

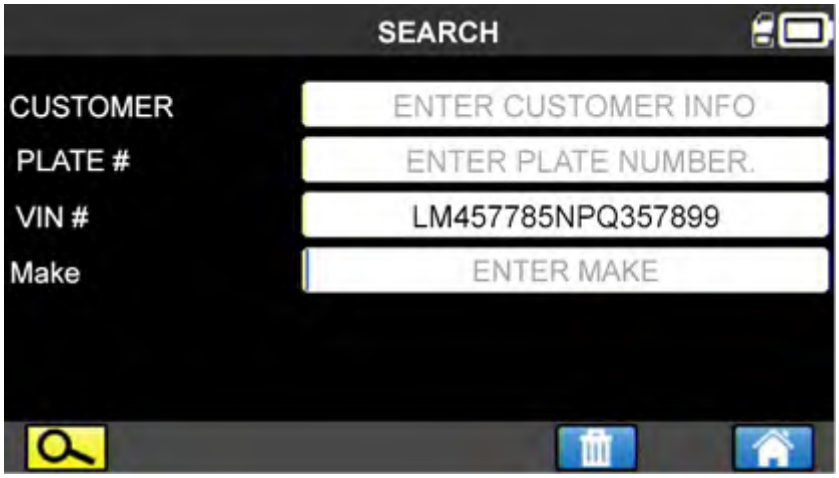


To scan the VIN barcode.

The scanned VIN is displayed in the VIN # field.

Select the icon

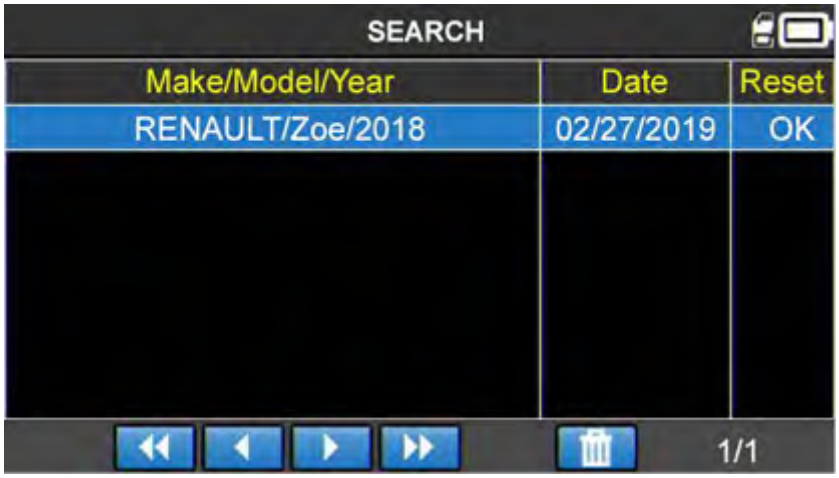
to show the data relating to the vehicle.



= next

= back

The vehicle corresponding to the VIN is displayed.



= next

= back

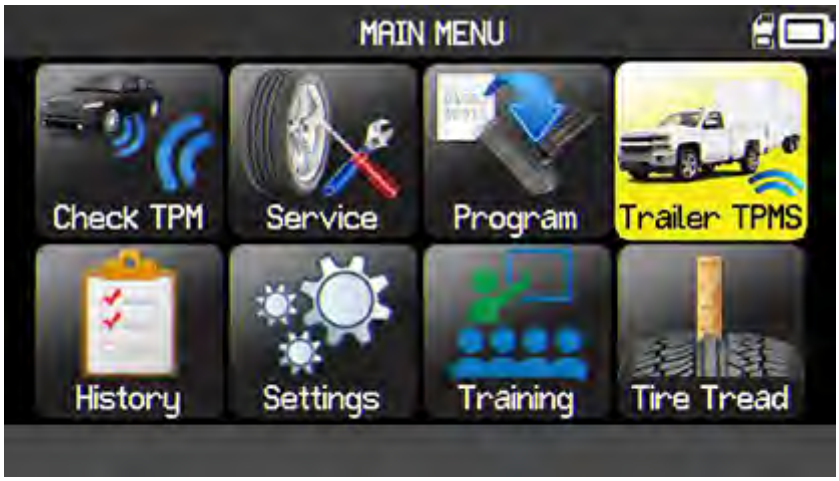
2.6. Trailer TPMS

This section covers reading the TPMS sensors of a trailer. The trailer can have 1, 2 or 3 axles and 2, 4, 6, 8 or 12 wheels.

The Trailer TPMS function is only available when the VT57 is configured to the America geographical region.

When the VT57 is not configured to the America geographical region, the Trailer TPMS icon is replaced by the Search icon.

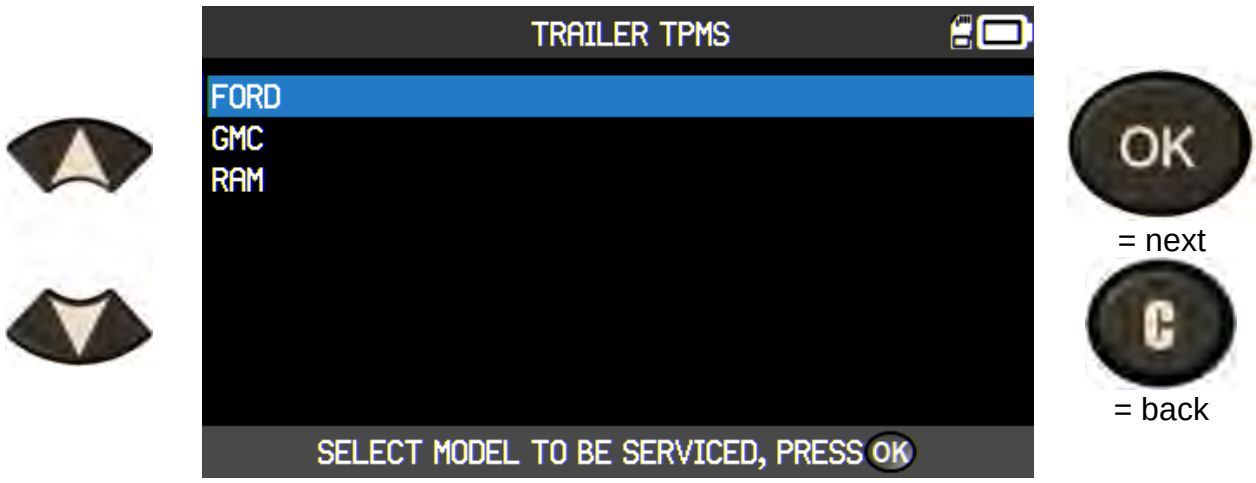
Use the arrow buttons to select the **Trailer TPMS** icon.



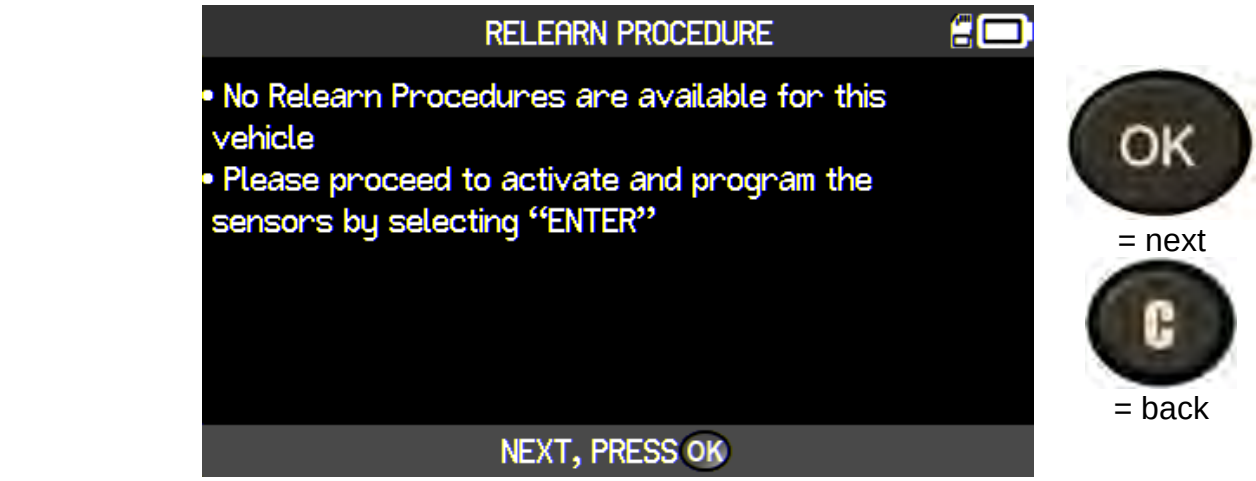
= next

= back

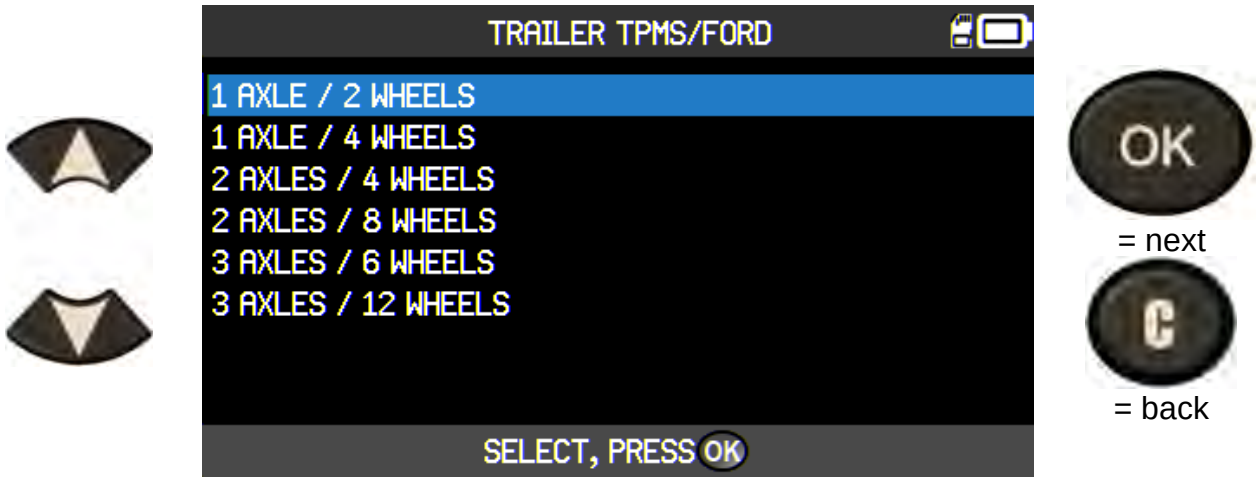
Select a make from the different makes presented using the up and down arrows.



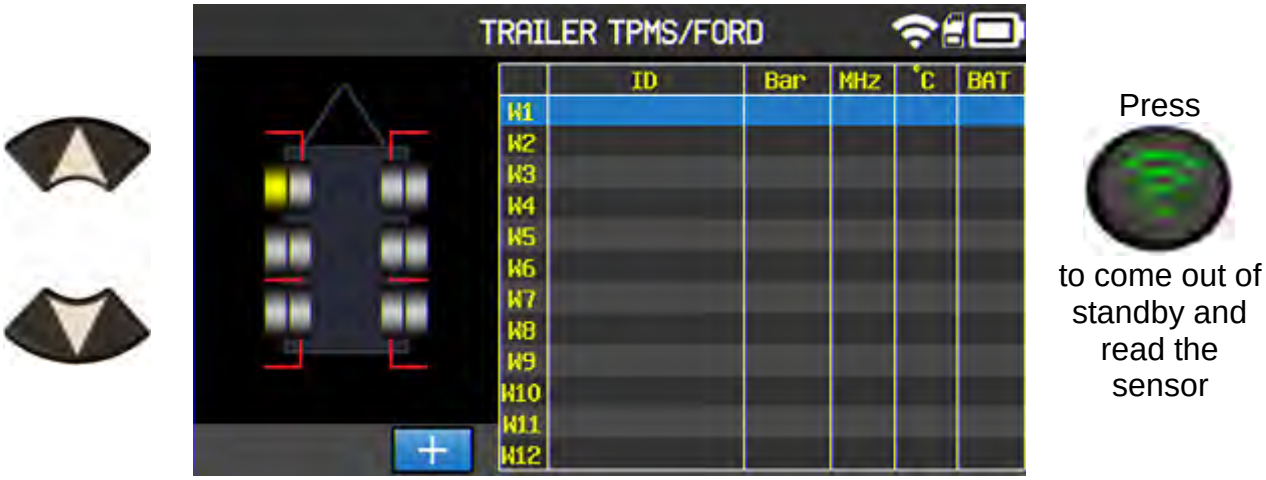
Read the information message indicating that there is no relearn procedure for this type of vehicle.



Select the number of trailer axles and wheels using the up and down arrows.



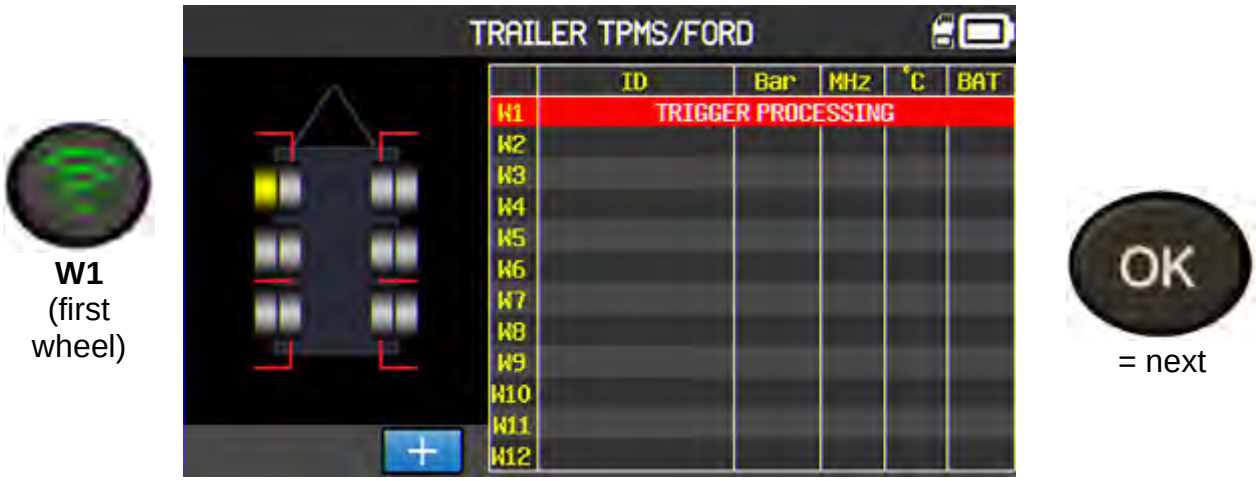
Place the VT57 close to the sidewall of the **left front** tire of the trailer at the level of the **left front** wheel valve and then press the **Read sensor** button to come out of standby and read the sensor.



The VT57 brings the trailer's first sensor out of standby and reads the information it contains.

Press **OK** to move on to the next sensor.

The wheel currently being read is displayed in yellow on the screen.



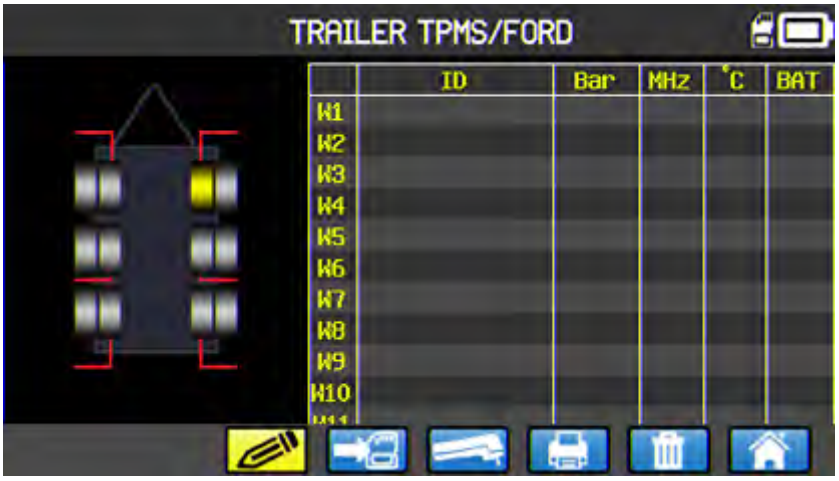
When you choose to read the sensors of a trailer with 2, 4, 6 or 8 wheels, the icon bar displayed at the bottom of the screen allows you to:

- Edit / add information on the current task,
- Save the data from the trailer sensors in the VT57 history,
- Display tire tread depth gauge screen (TTD),
- Print the sensor information displayed on the screen,
- Delete the sensor information displayed on the screen,
- Return to the home screen.

When you choose to check the sensors of a trailer with 12 wheels, the icon bar is not displayed at the bottom of the screen.

You can show the icon bar at the bottom of the screen by selecting the **+** button and pressing **OK**.

Button  to show the icon bar



2.7. History

This section described the function that allows you to view all the tasks recorded in the history of the VT57.

Use the arrow buttons to select the **History** icon.

= Next

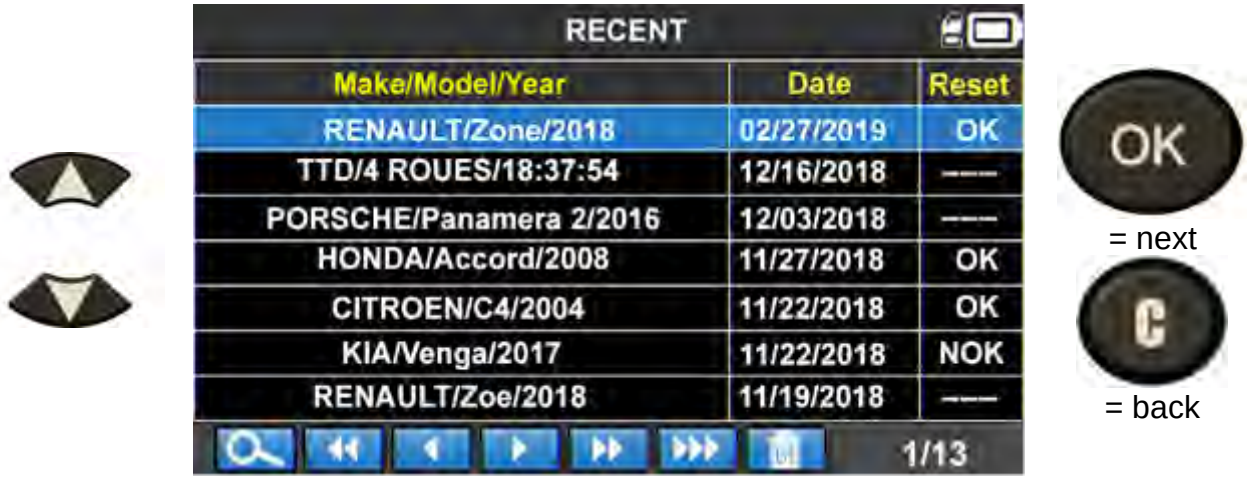
2.7.1. Recent history

Use the left and right arrows to select the **Recent** option.

= next

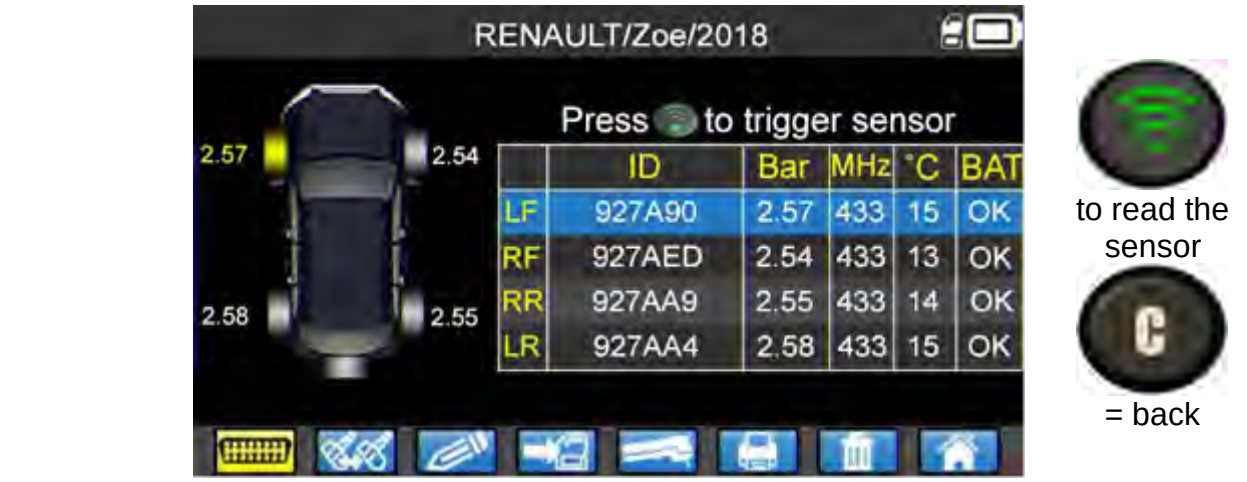
= back

Select a vehicle from the list of recent vehicles in the history using the up and down arrows.



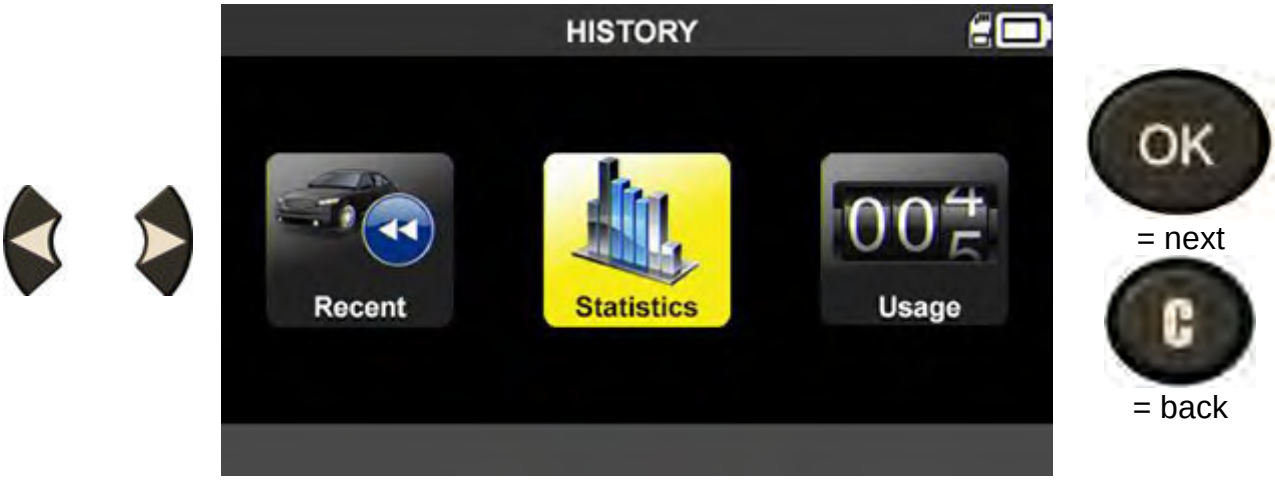
Information for the selected vehicle is displayed.

You can resume a pending task to complete it, add information or print the vehicle history sheet.

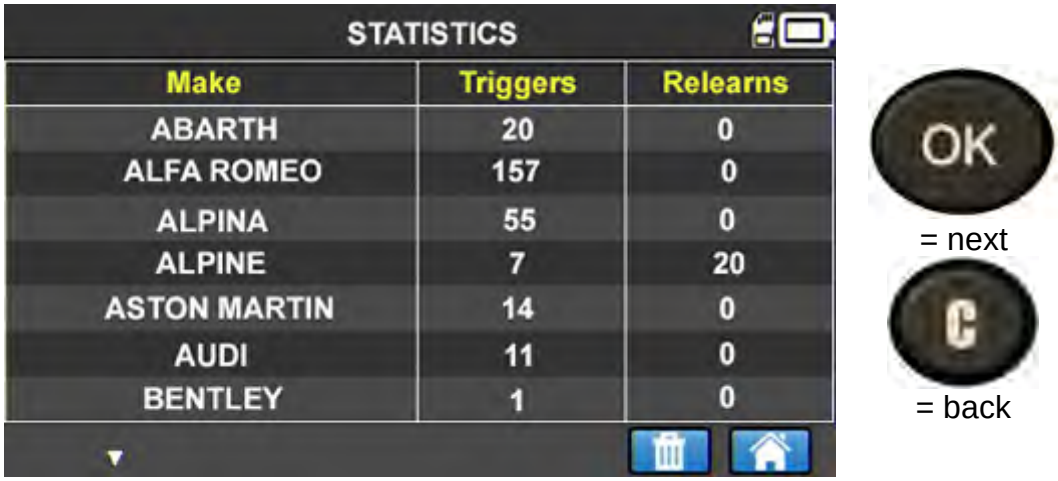


2.7.2. Statistics history

Use the left and right arrows to select the **Statistics** option.



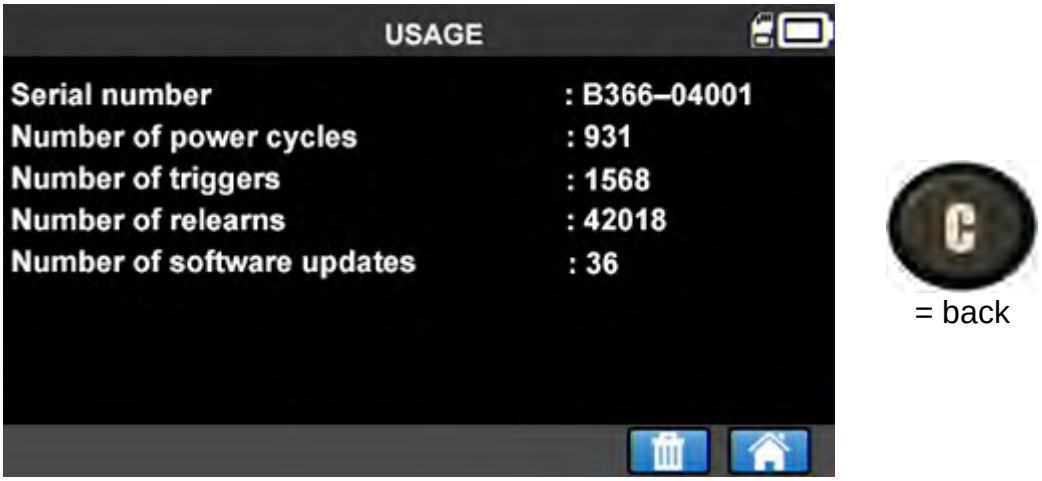
The VT57 shows all the operations carried out since it was first used.



2.7.3. Usage history

Use the left and right arrows to select the **Usage** option.

The VT57 displays the overall usage statistics of the VT57.



2.8. Settings

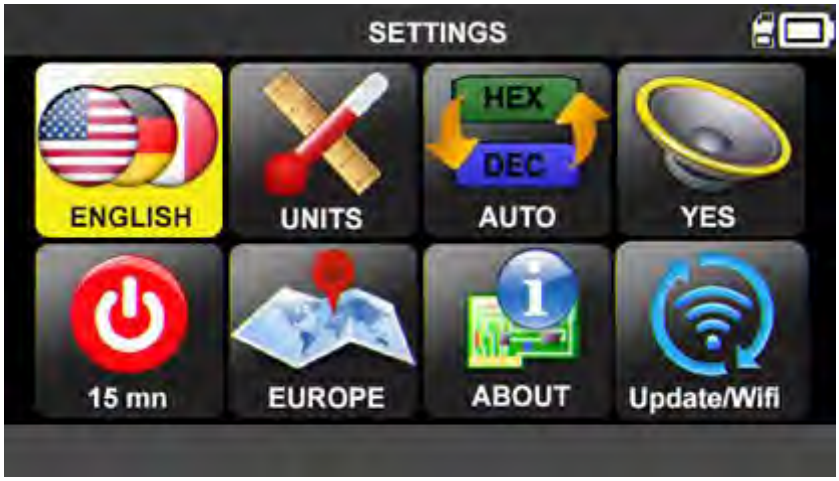
This section covers the Settings menu of the VT57.

2.8.1. Open the Settings menu

Use the arrow buttons to select the **Settings** icon.

= next

The **Settings** menu opens



= next

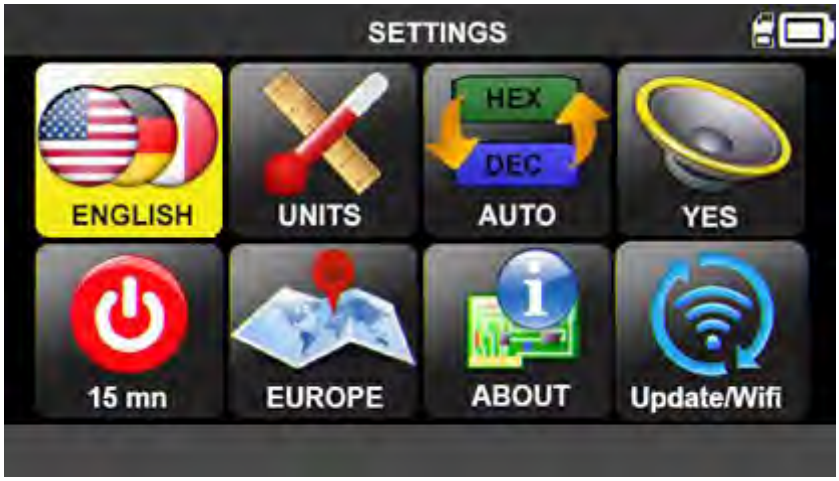
= back

2.8.2. Description of the settings for the VT57

	LANGUAGE	Change the language used in the menus.
	UNITS	Change the units used to display pressure, temperature and tire tread depth (TTD).
	FORMAT	Change whether the TPMS sensor ID is displayed in hexadecimal or decimal.
	SOUND	Enable or disable sound from the VT57.
	AUTO OFF	Set the time before the tool switches off automatically when not in use.
	GEOGRAPHIC ZONE	Select the geographical region of the database to switch from a European vehicle to an American vehicle for example. Please note that when changing regions, a download using the WebVT software or an SD card may be required to load the data from the selected region.
	ABOUT	Display the version numbers of the VT57 components.
	WIFI	WiFi update of the VT57 and change the WiFi settings.

2.8.3. Change the language setting

Use the arrow buttons to select the **Language** icon in the **Settings** menu



= next

= back

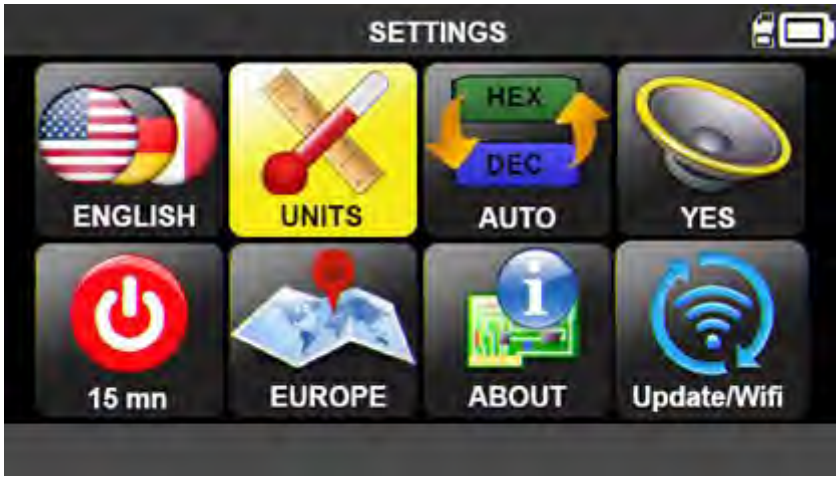
Use the arrow buttons to select the language.

= next

= back

2.8.4. Change the Units setting

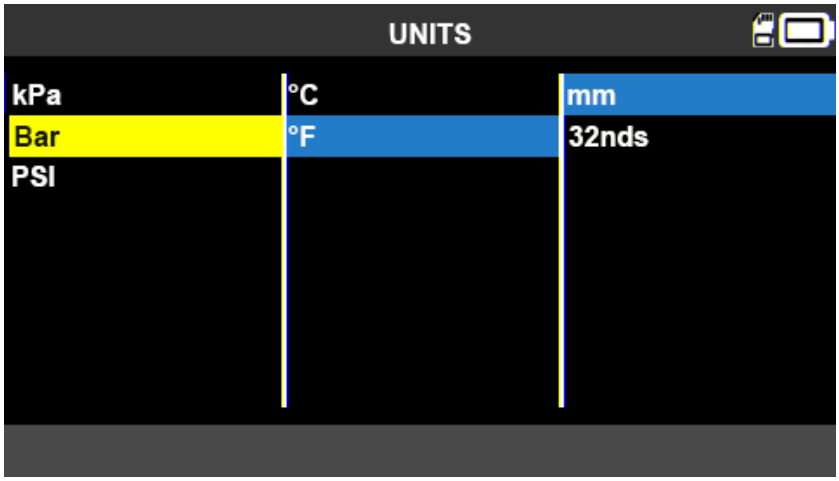
Use the arrow buttons to select the **Units** icon in the **Settings** menu



= next

= back

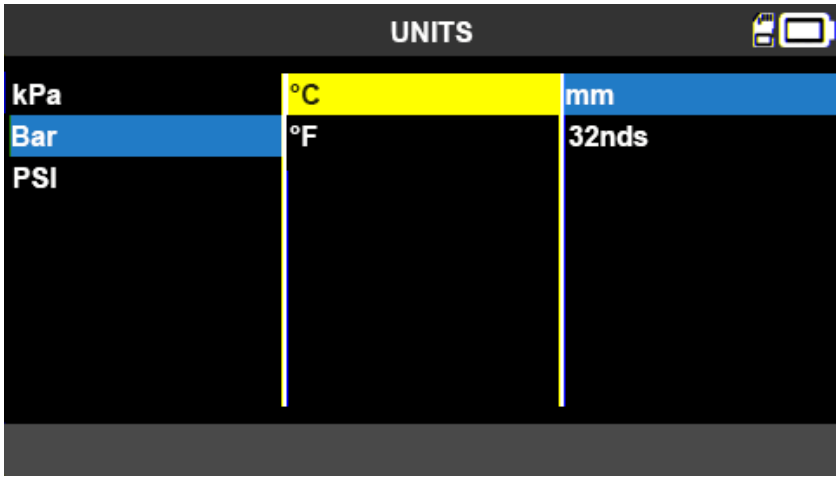
In the left-hand column, select the pressure unit that you want to use



= next column

= back

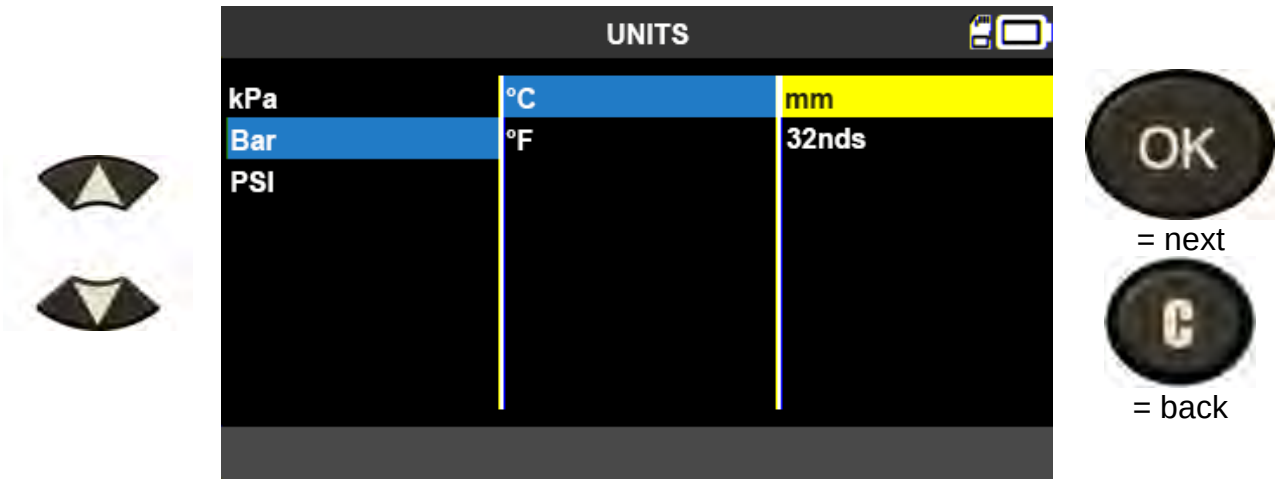
In the centre column, select the temperature unit that you want to use



= next column

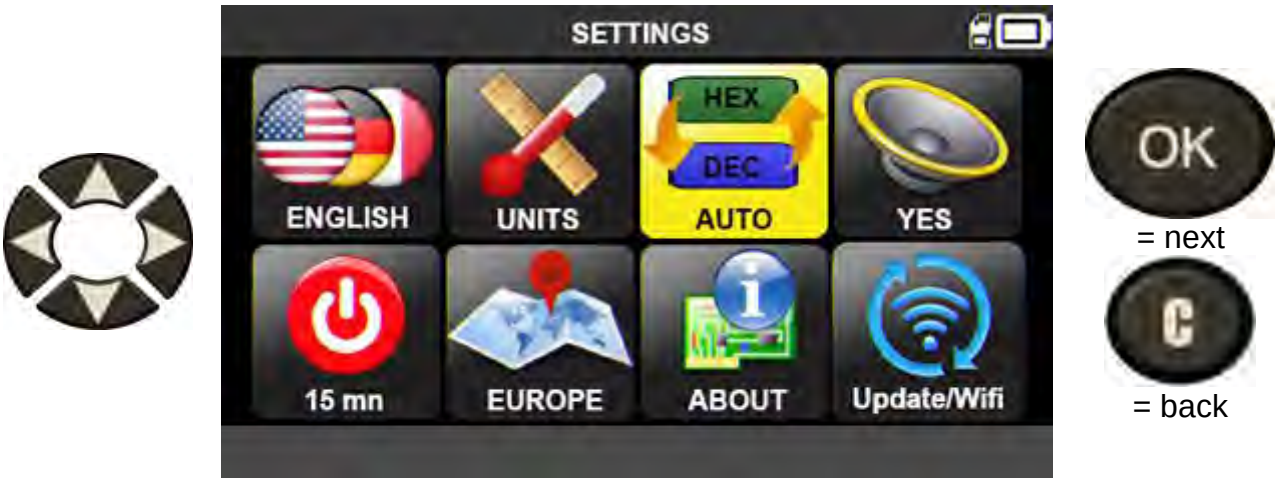
= back

In the right-hand column, select the tire tread depth unit you want to use



2.8.5. Change the Format setting

Use the arrow buttons to select the **Format** icon in the **Settings** menu

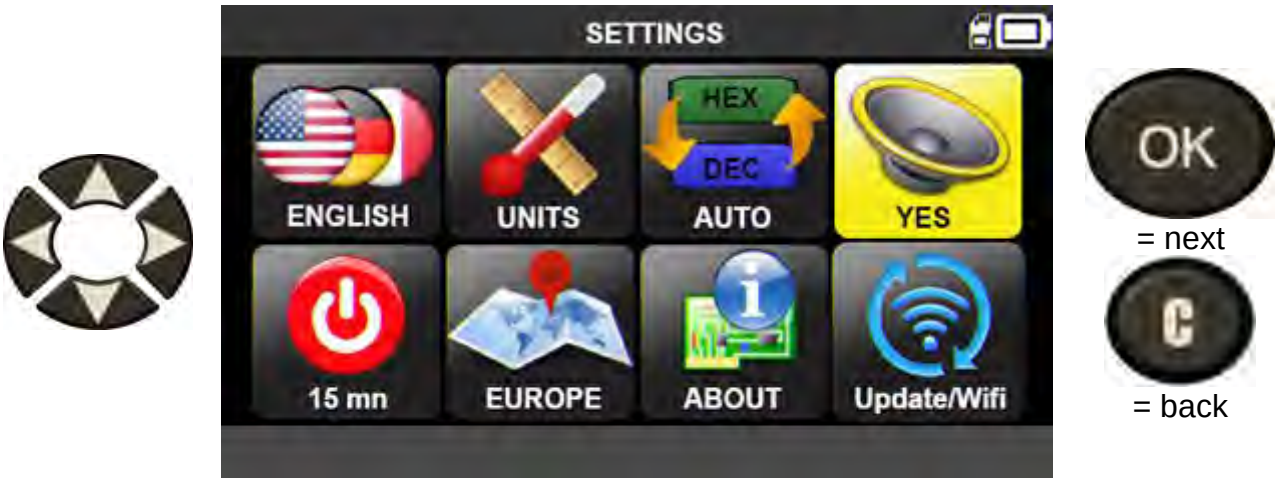


Use the up or down arrows to choose the **Format** setting.

- **AUTO** displays the sensor ID following the format sent by the sensor
- **DECIMAL** displays the sensor ID in decimal format (0 to 9)
- **HEXADECIMAL** displays the sensor ID in hexadecimal format (0 to 9 and A to F).

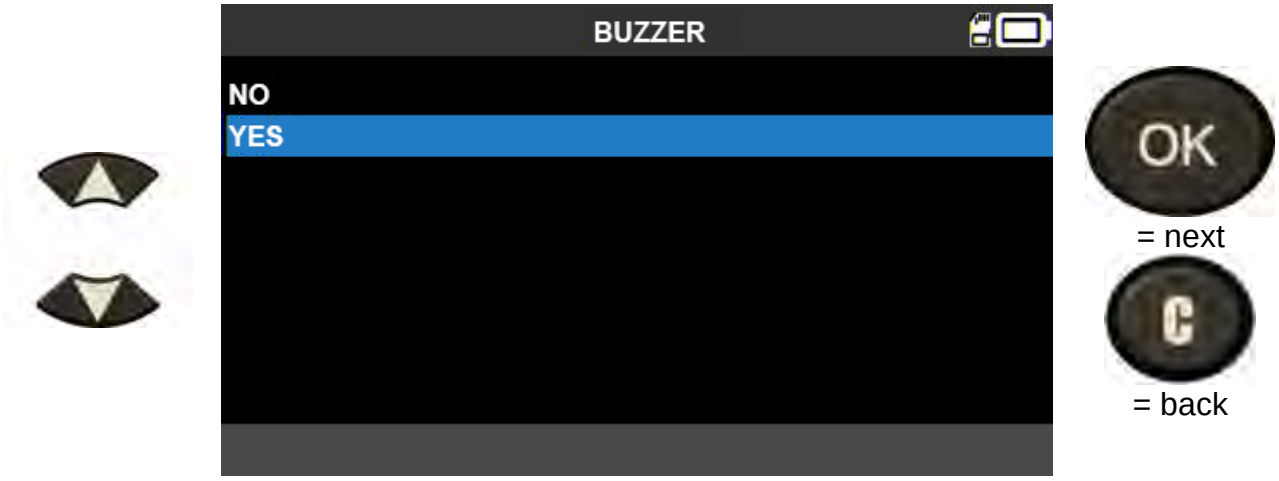
2.8.6. Change the Sound setting

Use the arrow buttons to select the **Sound** icon in the **Settings** menu



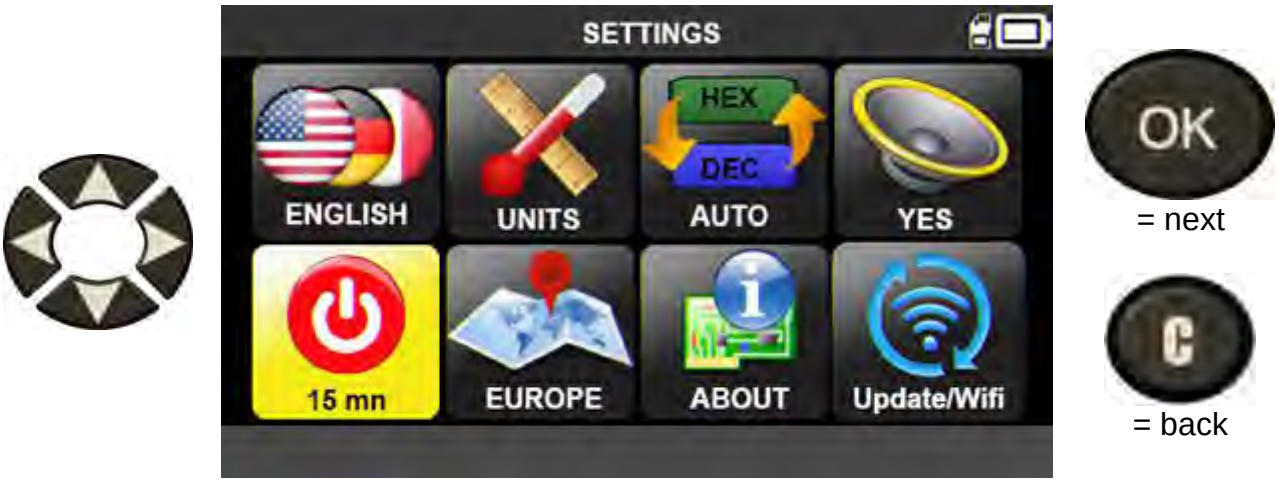
Select:

- **Yes** to enable the sound that will be emitted by the tool's buzzer
- **No** to mute sound from the tool.



2.8.7. Change the Auto Off setting

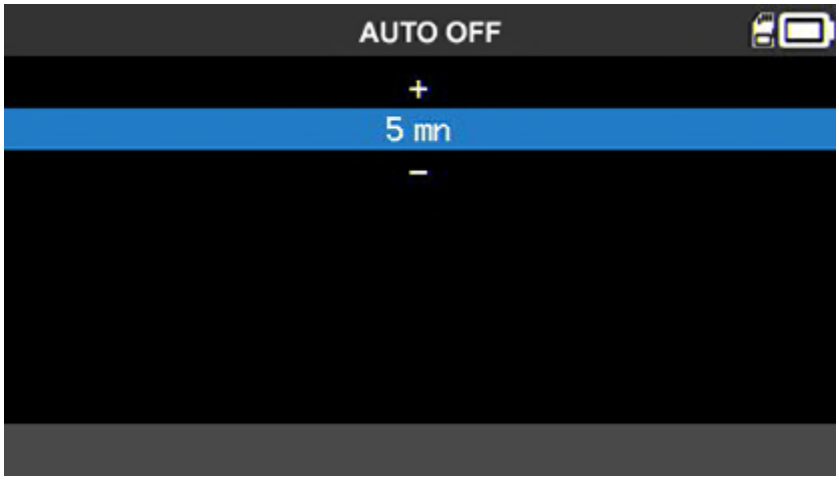
Use the arrow buttons to select the **Auto Off** icon in the **Settings** menu



Set the time before the tool switches off automatically when not in use by pressing:

- the up arrow to increase the delay by 1 minute
- the down arrow to reduce the delay by 1 minute.

It is possible to disable the tool's automatic power off function when not in use by reducing the time to 1 minute and then pressing the down arrow again.



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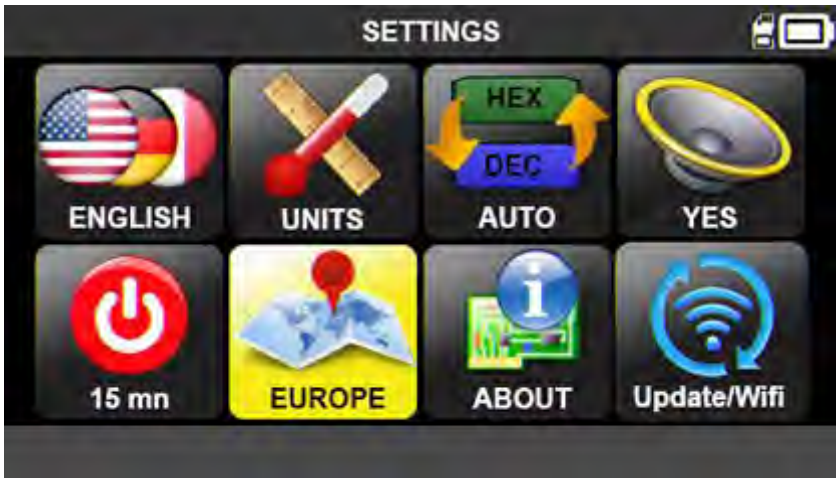
2.8.8. **Change Geographical Zone** setting

Use the arrow buttons to select the **Geographical Zone** icon in the **Settings** menu



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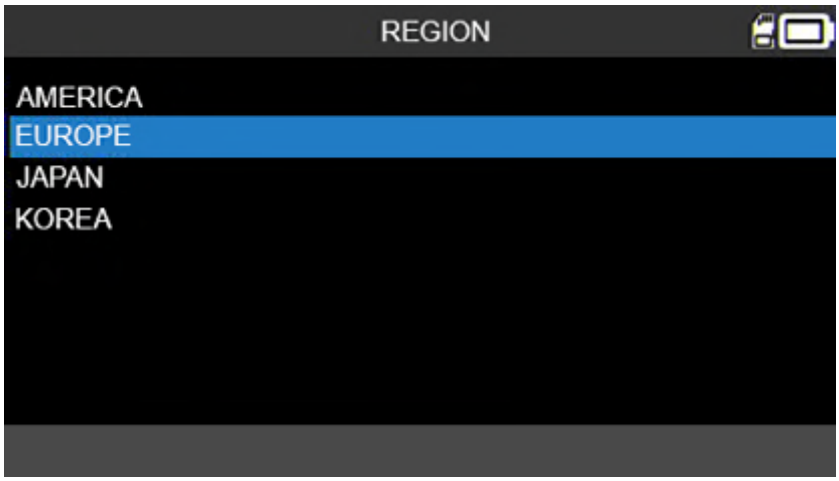
Use the up or down arrows to select the region.



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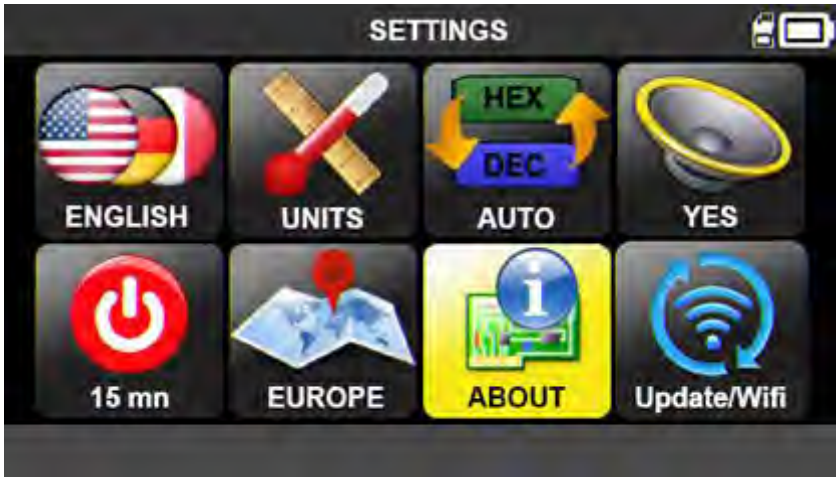
2.8.9. About

Use the arrow buttons to select the **About** icon in the **Settings** menu



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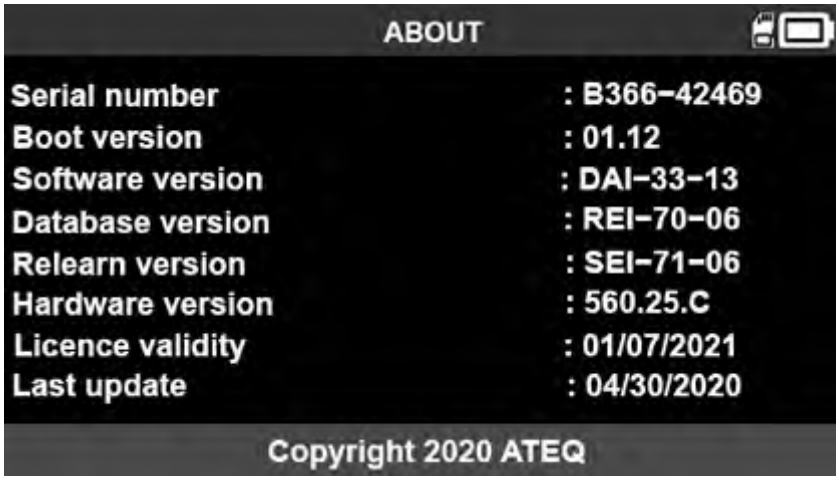
The **About** screen is displayed. This displays the VT57 serial number, the firmware and database version numbers and the validity of the user licence.



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2.9. WiFi settings

The VT57 can connect to WiFi networks in order to:

- update its firmware and databases via WiFi
- send the tasks performed on the VT57 to the WebVT software installed on a PC

2.9.1.1. WiFi requirements and recommendation

Before wirelessly transferring the tasks performed on the VT57 to the WebVT software installed on a PC, you must make sure that:

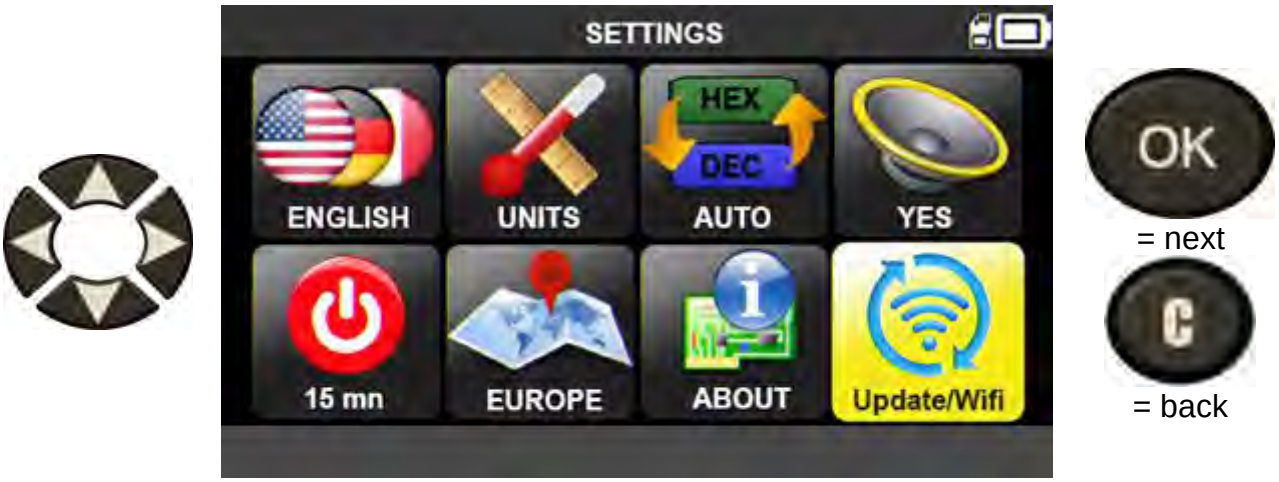
- the latest version of the WebVT software is properly installed on the PC that will receive tasks from the VT57 via WiFi

- the VT57 is updated with the latest version of its internal firmware. To do this, use the WebVT software and refer to the paragraph Updating on page 110
- the VT57 and the PC are both connected to the same WiFi network
- the WiFi router is compatible with the 802.11b standard
- the DHCP setting of the WiFi router is set to the *Default Gateway* setting
- MAC address filtering is disabled on the WiFi router

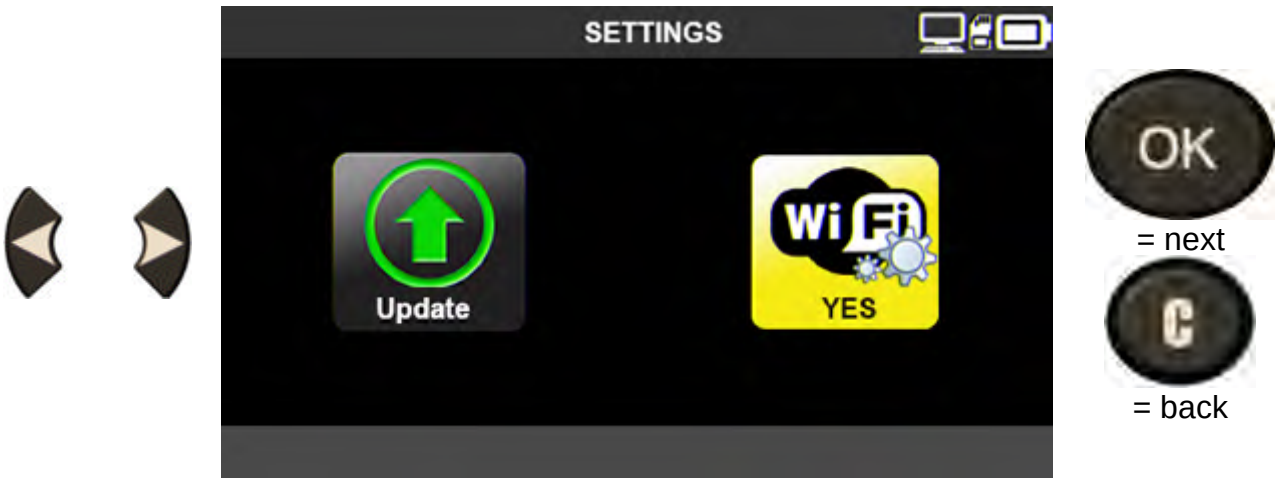
2.9.1.2. WiFi, sending tasks to the WebVT software

After checking the points explained in the previous paragraph, follow this procedure to connect the VT57 to a WiFi network and then to transfer tasks performed on the VT57 to the WebVT software.

Use the arrow buttons to select the **Update/WiFi** icon in the **Settings** menu



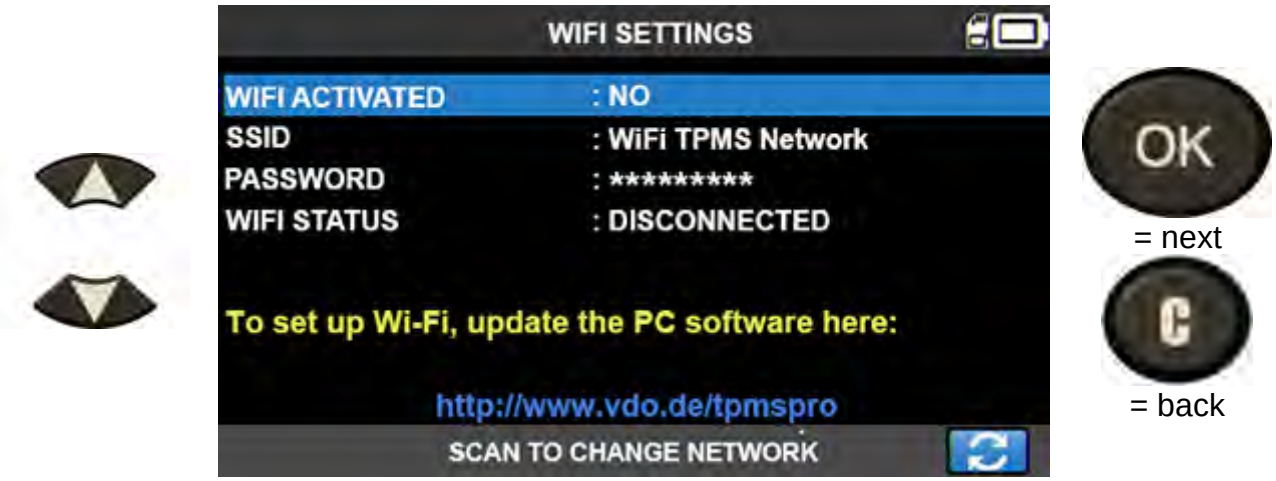
Use the up or down arrows to select the **WiFi** icon then press **OK**.



The **WiFi settings** screen indicates the status of the WiFi connection. You can also:

- connect the VT57 tool to a WiFi network
- disconnect the VT57 tool from a WiFi network

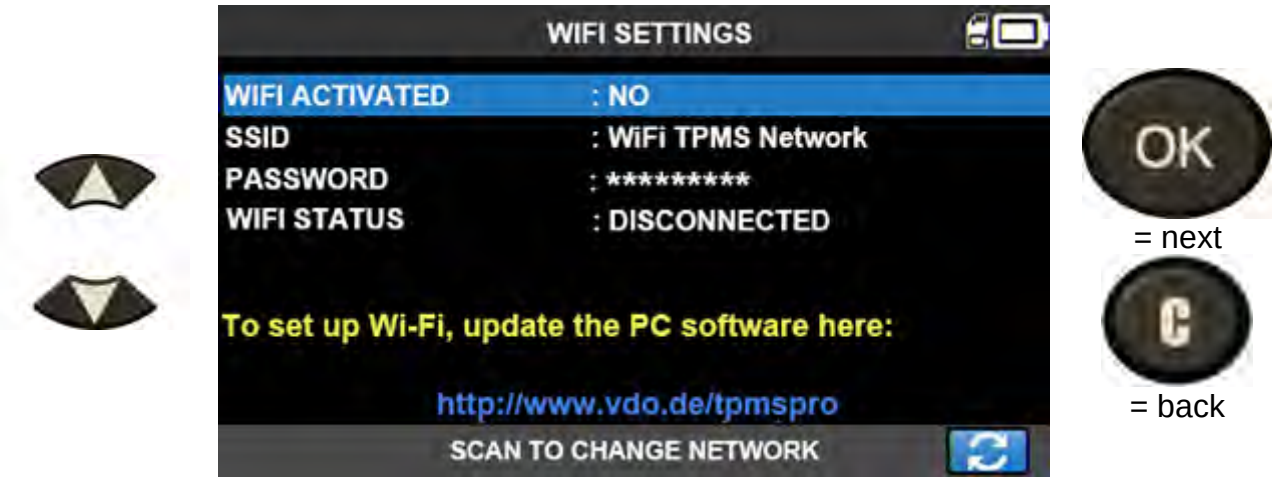
- change WiFi network.



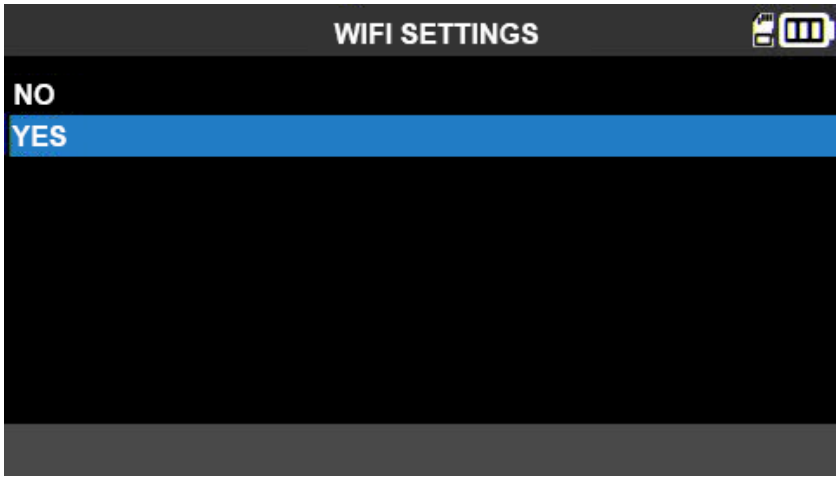
2.9.1.3. WiFi, connect to a network

To connect the VT57 tool to a WiFi network:

- Use the up or down arrows to select **WIFI ACTIVATED**
- press OK.



Select **YES** to activate the WiFi of the VT57.



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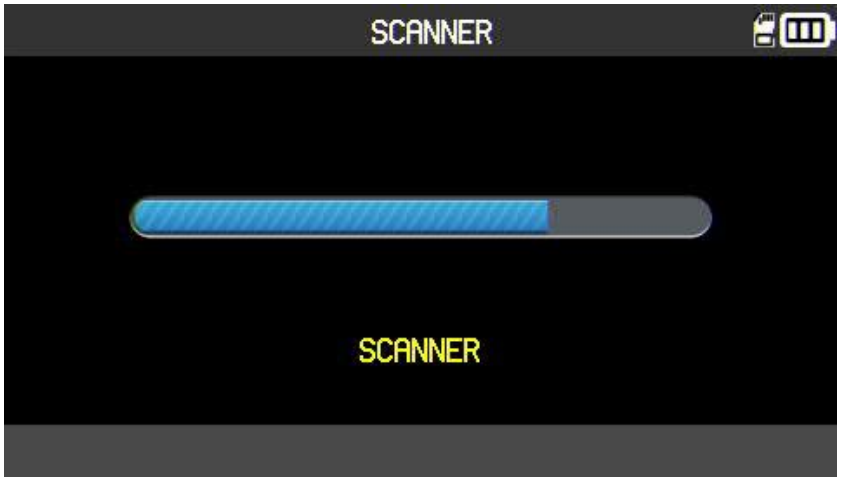
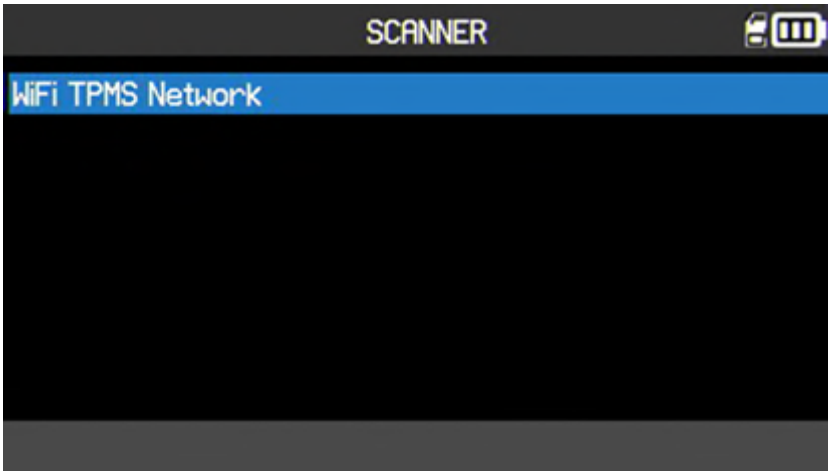
Wait while the VT57 searches for a nearby WiFi network.



The WiFi networks found will be displayed on the screen.
Select the WiFi network you want to connect to and press **OK**.



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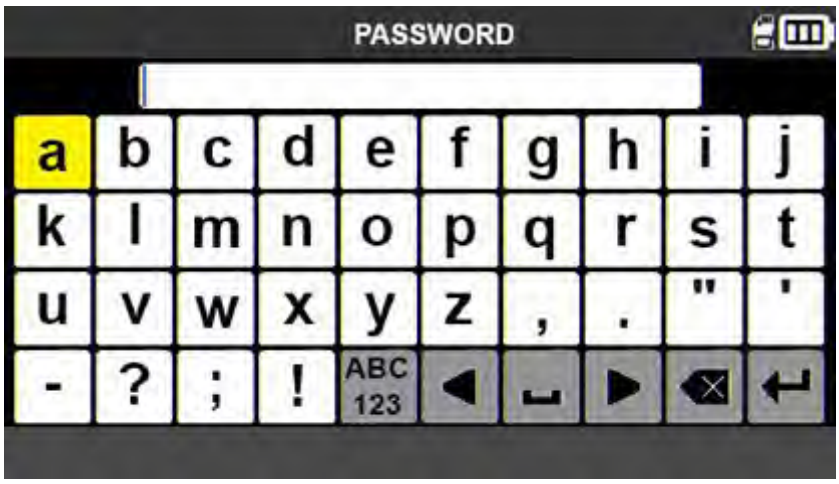
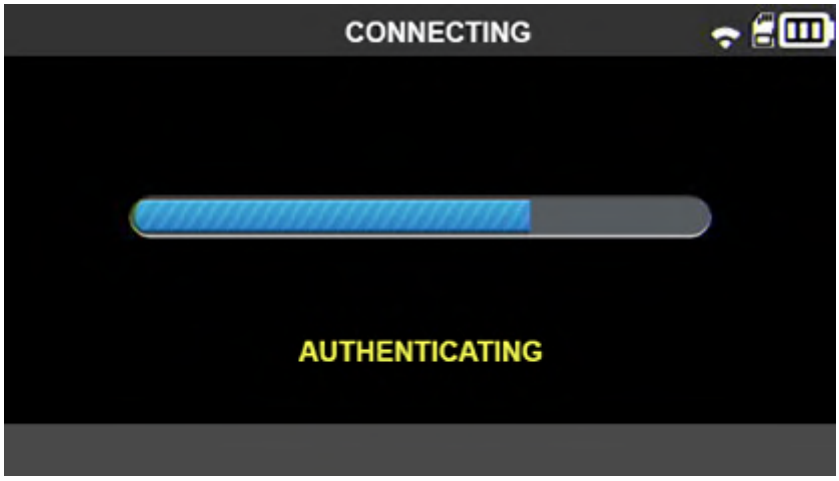
Enter the WiFi network password using the virtual keyboard.

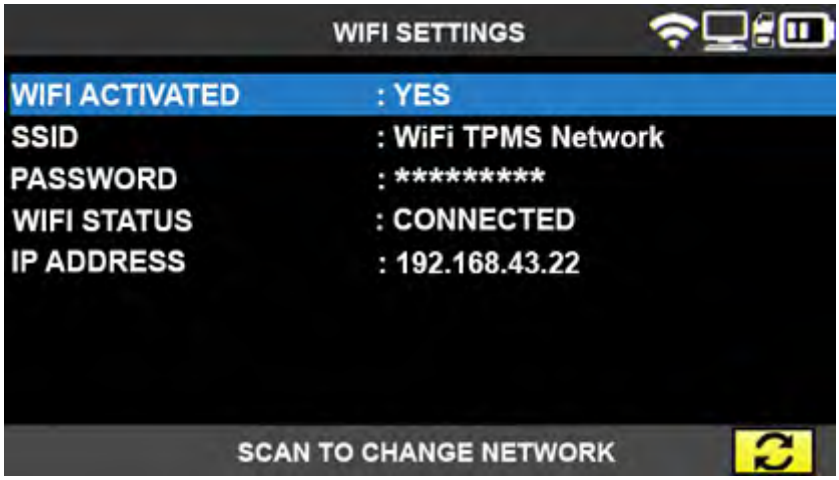


Confirm your entry with the button

Wait while the VT57 authenticates itself on the selected WiFi network.



The VT57 is connected to the selected WiFi network.



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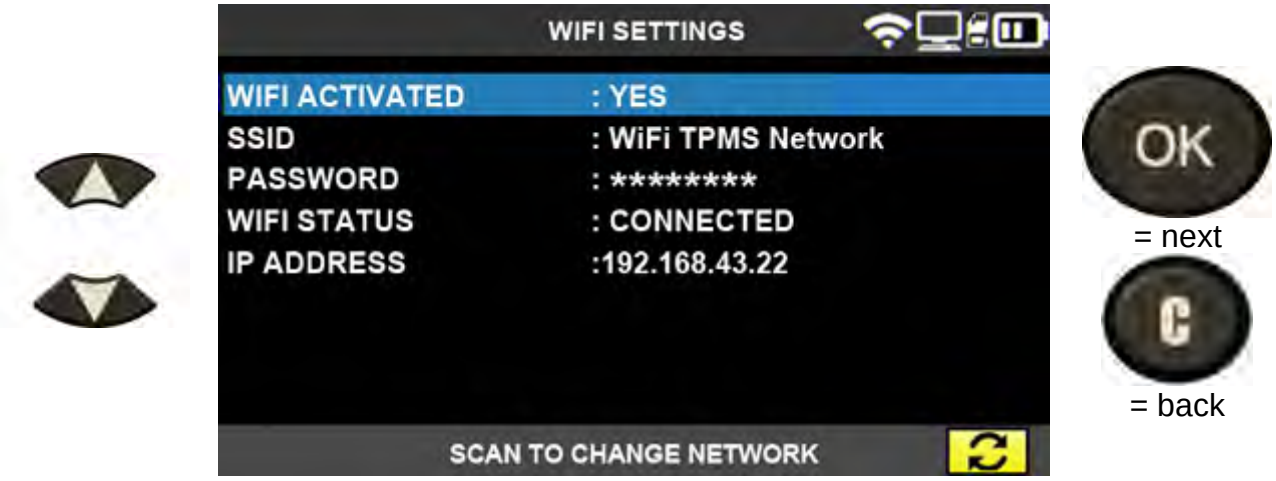
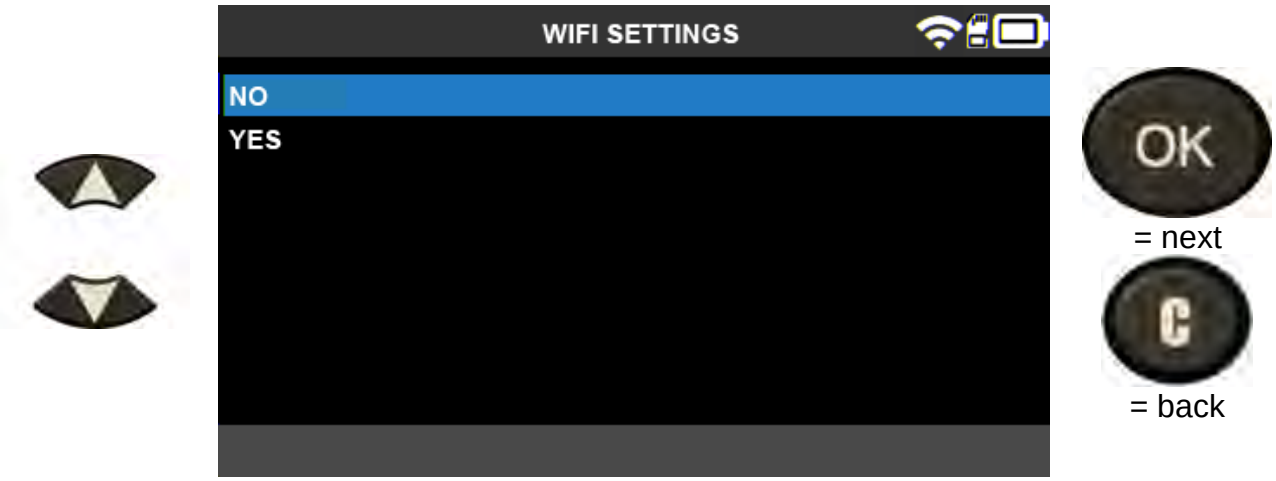
2.9.1.4. WiFi, disabling

To disable the WiFi function of the VT57:

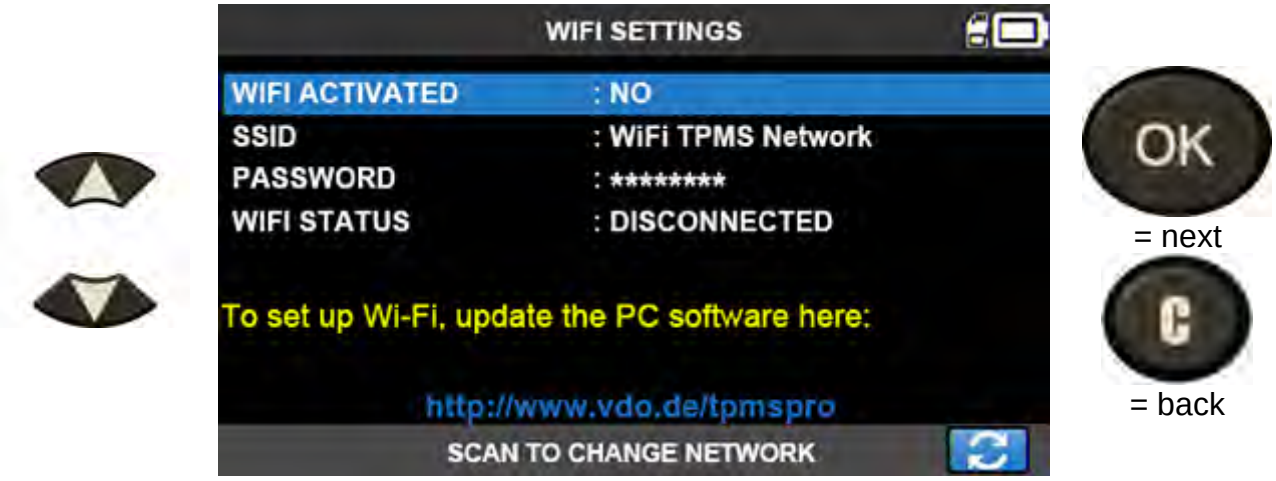
- Use the up or down arrows to select **WIFI ACTIVATED**
- press OK.



Select **NO** to disable the WiFi function of the VT57.

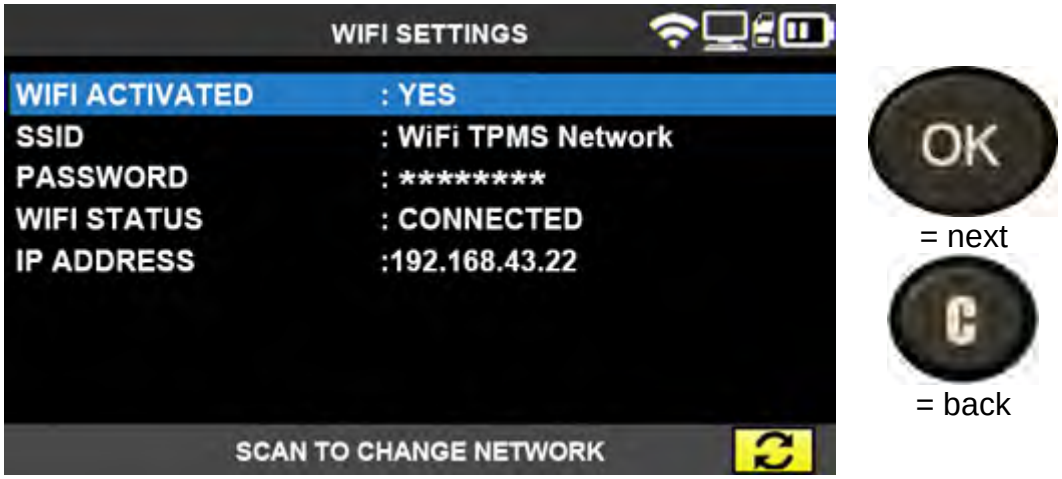


The VT57 is disconnected from the WiFi network.



2.9.1.5. WiFi, change network

To change the WiFi network, select the icon 



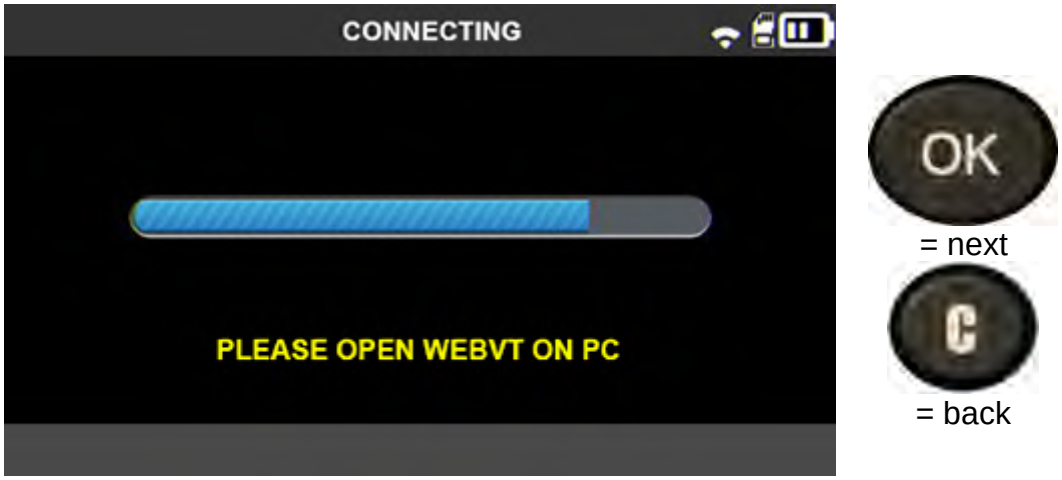
The VT57 asks you if you want to change WiFi network.

Select the icon  to change WiFi network

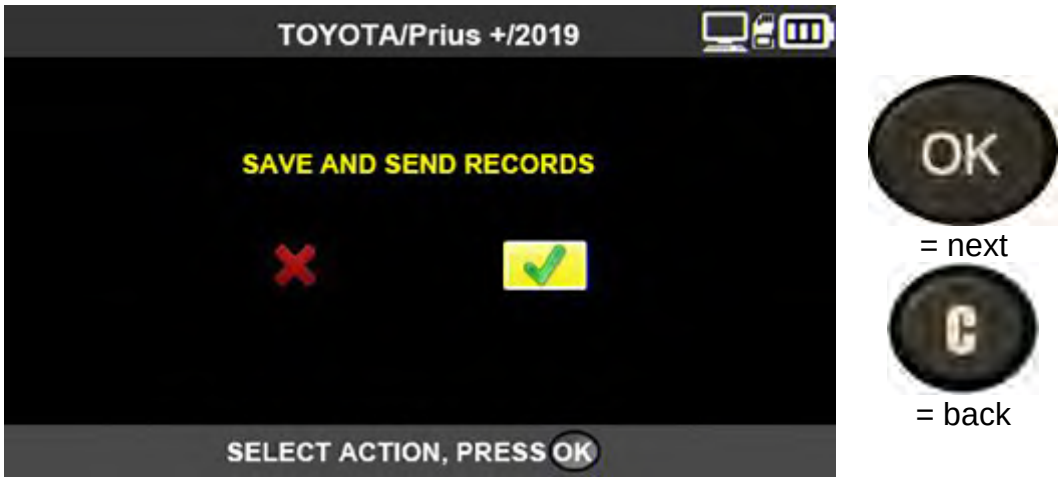
After searching for available WiFi networks, the VT57 displays the list of WiFi networks found. Choose a network and connect the VT57 as described in the paragraph **Connect to a WiFi network** on page 89.

2.9.1.6. WiFi, transfer tasks to the WebVT software

Once connected to a WiFi network, the VT57 will ask you to open the WebVT software. The WebVT software must be opened on a PC connected to the same WiFi network as the VT57.



When saving a task, the VT57 offers the option of sending the data to the WebVT software so that it can be saved on the PC.



2.9.1.7. WiFi, advanced settings

If your WiFi connection requires advanced settings: specific network key, manual IP address, TCP port configuration, connect the VT57 to your PC via the USB cable and open the on your computer.

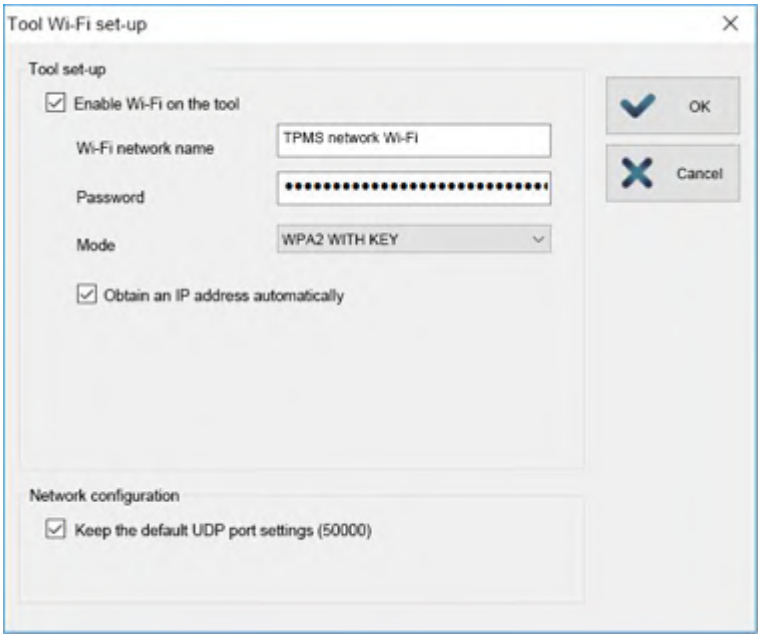
In the WebVT software:

- select **WiFi Configuration** from the menu bar,
- then click on **Manual configuration**.

The manual WiFi configuration menu for the VT57 is displayed.

Manual configuration allows you to:

- enter the name of the WiFi network (SSID)
- manually enter the password
- choose the type of WiFi key
- manually configure the IP address, the subnet mask and the gateway of the VT57
- change the TCP port. (UDP)



You can check that the VT57 is properly connected to the WebVT software via WiFi at any time. To do this, select **WiFi configuration** from the menu bar.

The **Connection status** box shows the number of TPMS tools connected.

Click on **My tools** to display the serial number of the VT57 in the left-hand column.

This information indicates that the WiFi has been successfully configured and that the VT57 is connected to the WebVT software.

2.10. WiFi update

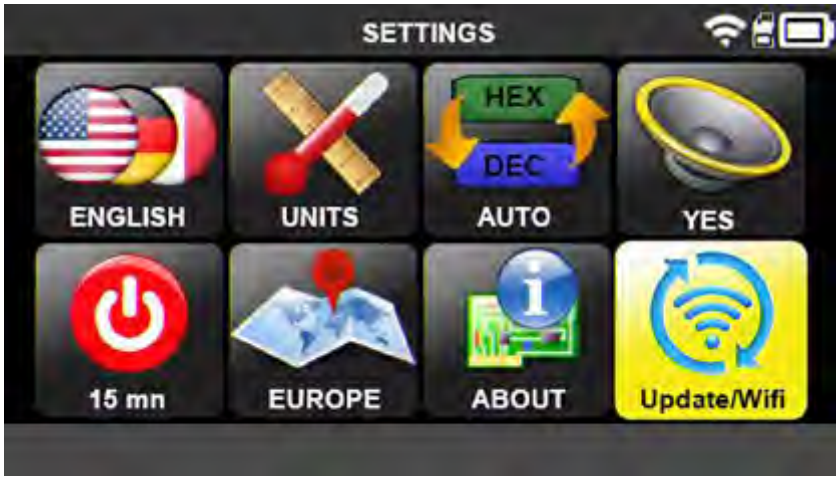
The VT57 can update its program and internal databases via WiFi. The procedure to perform this operation is as follows.

If you have difficulties updating via WiFi, we recommend that you update the internal firmware of the VT57 using the WebVT software installed on a PC. Refer to Updating on page 110 to see this procedure.

First of all, make sure that the VT57 is connected to a WiFi network. If not, first configure the WiFi function of the tool by following the procedure explained in the section WiFi, connect to a network on page 88.

Use the arrow buttons to select the WiFi update icon.

the icon  displayed in the top right corner of the VT57 screen indicates that the device is connected to WiFi.



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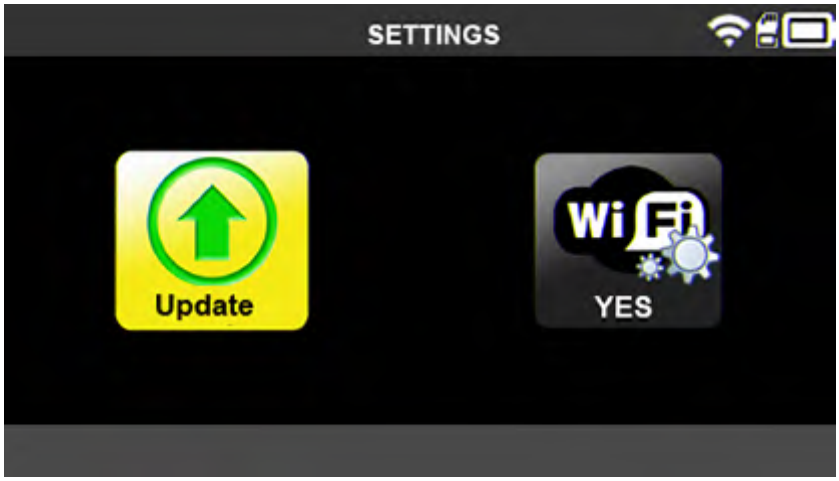
Use the arrow buttons to select the **Update** icon.



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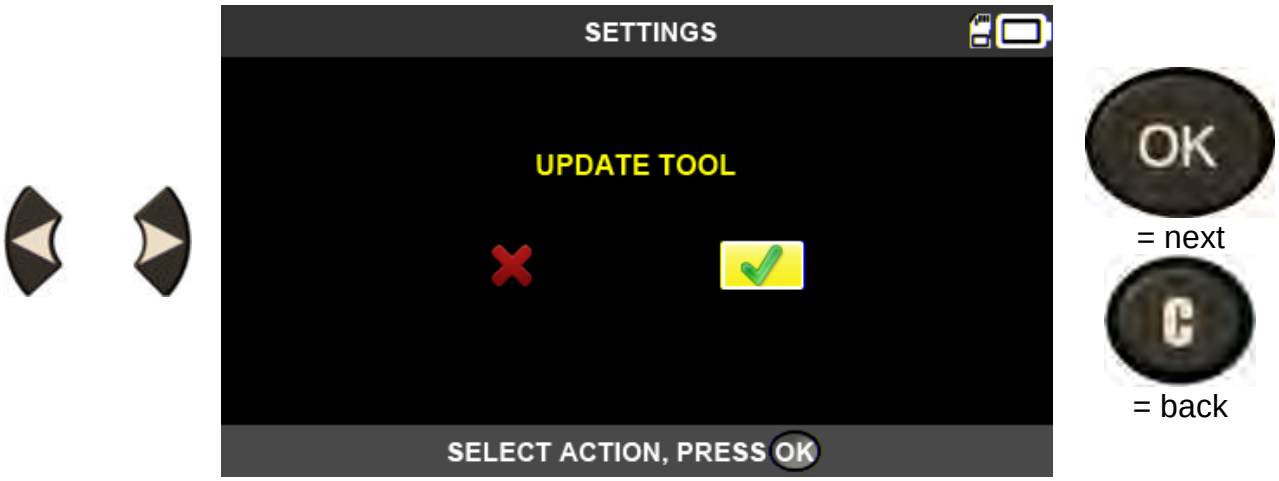
Select the green tick icon using the arrows to confirm that you want to update your tool via WiFi.



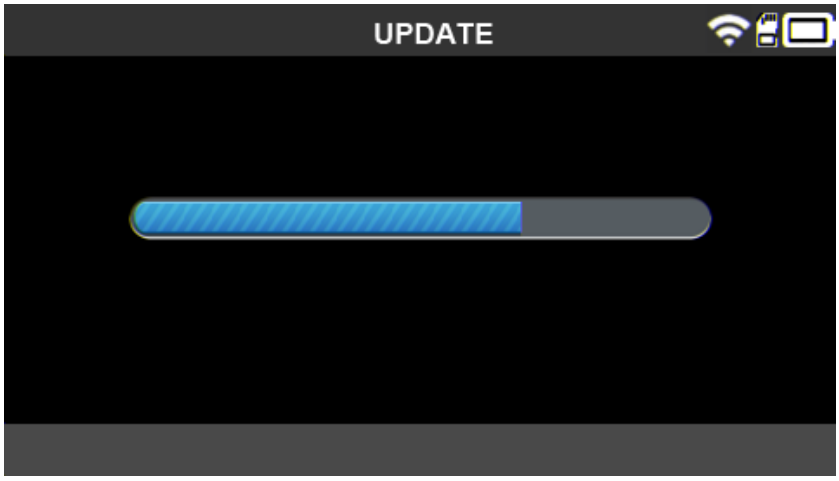
Read the warning message that appears on the screen.

This message indicates that while updating, the VT57:

- must be connected to the mains through its charger
- must not be used
- must not be turned off
- will automatically restart several times.

Wait while the VT57 is updated.

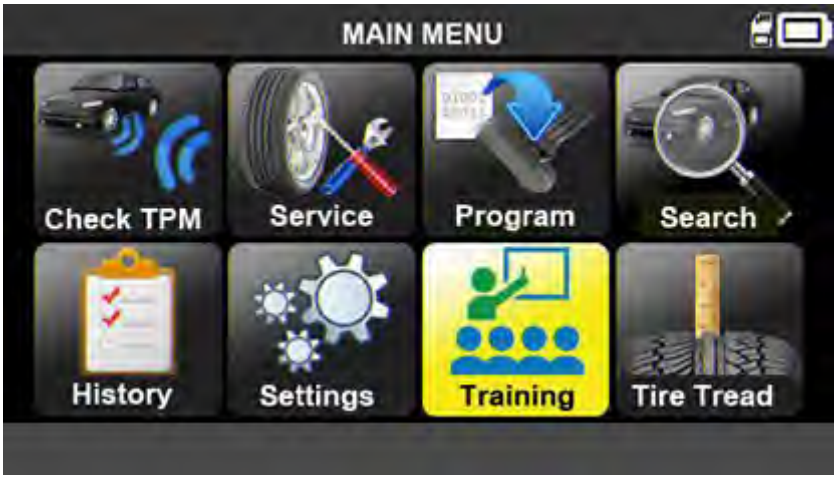
A WiFi update takes about 15 minutes, during which the VT57 will automatically restart several times.


UPDATE

2.11. Training

This section allows you to view some tutorials that describe the main functions of the tool.

To open the list of available tutorials, use the arrows to select the Training icon.



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The list of available tutorials is displayed:

- **OBD-II**, tutorial about the OBD-II relearn function
- **Auto**, tutorial about the automatic relearn function
- **Stationary**, tutorial about the stationary relearn function
- **Indirect**, tutorial about the indirect relearn function
- **Update**, tutorial about updating the VT57.

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To view a tutorial, select the tutorial icon of your choice using the arrows. Press **OK** to confirm your choice.

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The tutorial is displayed.

Use the up and down arrows to scroll through the tutorial screens

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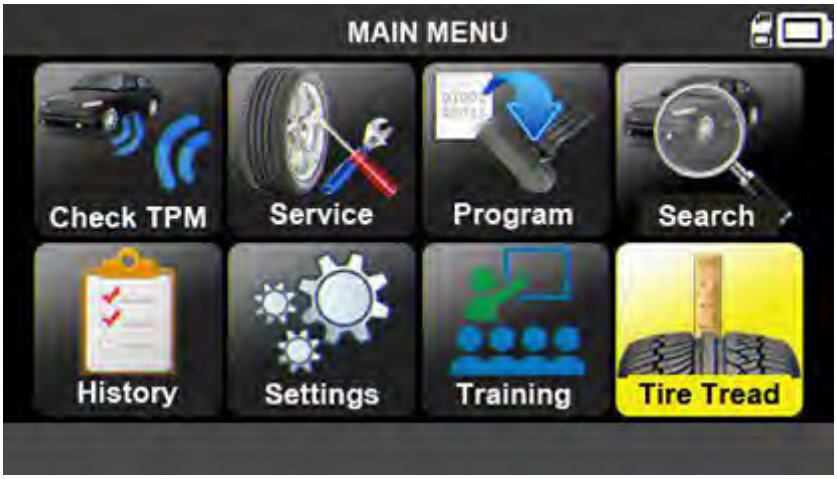
2.12. Tire Tread Depth Test

This section describes the tire tread depth test function. The tire tread depth test consists of measuring the tire tread depth. This test is performed using the optional **Tire Tread Depth gauge (TTD)**.

The Tire Tread Depth gauge (TTD) provides an accurate measurement of the depth of tire treads. Measurements can be saved and printed out.

Use the arrow buttons to select the **Tire Tread Depth Test** icon.



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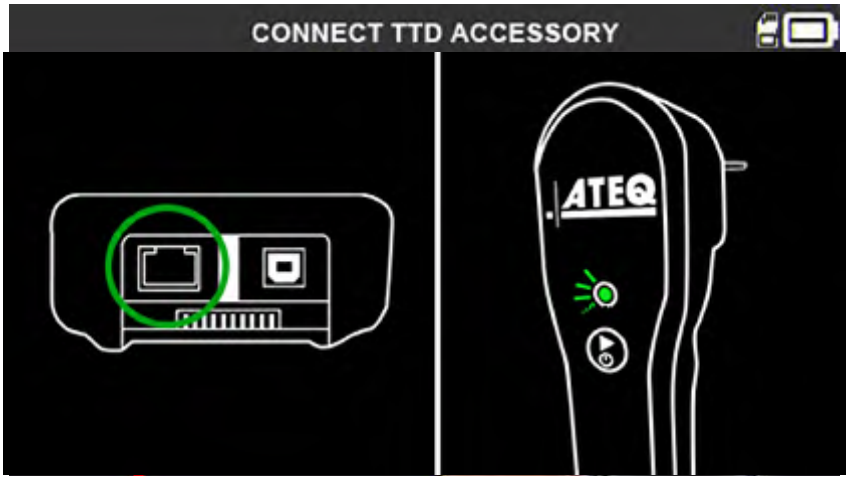
Connect the optional Tire Tread Depth (TTD) accessory to the VT57.



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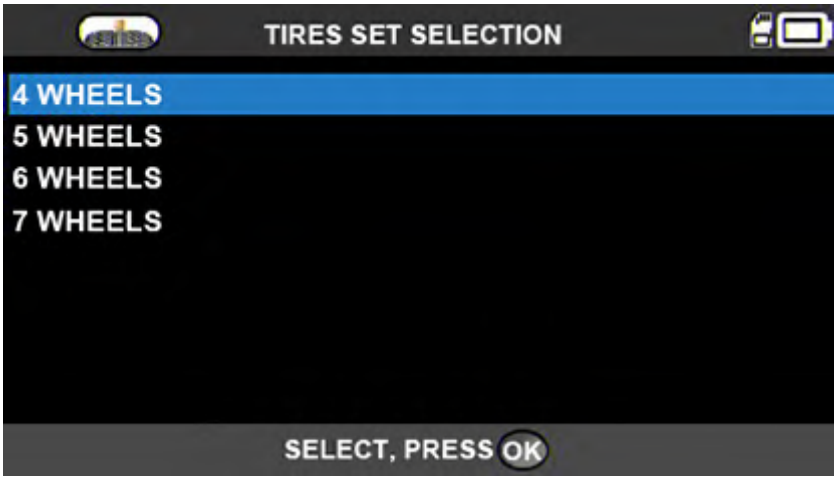
Check that the **Tire Tread Depth gauge** indicator light is green.

When the **Tire Tread Depth gauge** accessory is properly connected to the VT57, the TTD icon is displayed in the header bar.

When the Tire Tread Depth gauge accessory is properly connected to the VT57, the TTD icon is displayed in the header bar.

The **Tire Set Selection** screen asks you to specify the number of wheels you want to check.



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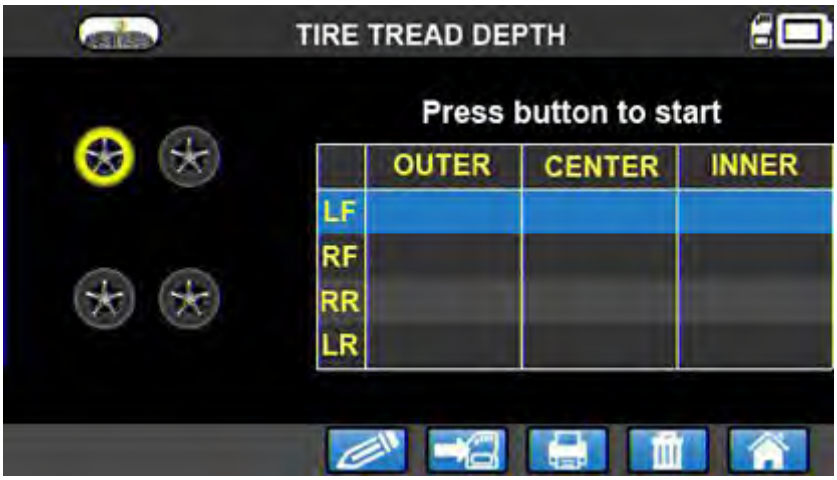
The VT57 and its Tire Tread Depth gauge accessory are ready to take tire tread measurements.



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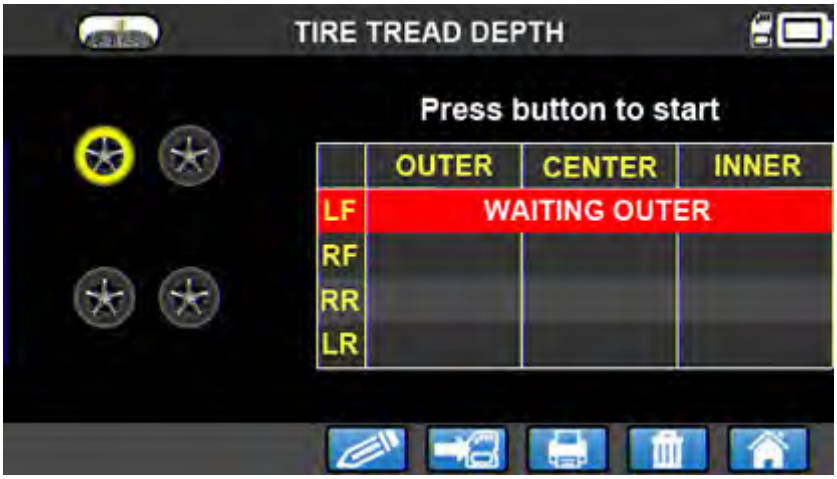
Press the button on the **depth gauge** to start the measurement.

For each wheel, you must check the depth of the tread in order:

- outer tread
- centre tread
- inner tread.

Follow the on-screen instructions.



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The instructions on the screen relate to each wheel one after the other. The line:

- LF (Left Forward) represents the front left wheel
- RF (Right Forward) represents the right front wheel
- RR (Right Rear) represents the right rear wheel
- LR (Left Rear) represents the left rear wheel

For each wheel, the following instructions are displayed in succession on the line corresponding to the wheel being checked:

- **WAITING OUTER**
- **MEASURE PROCESSING**
- **RELEASE**

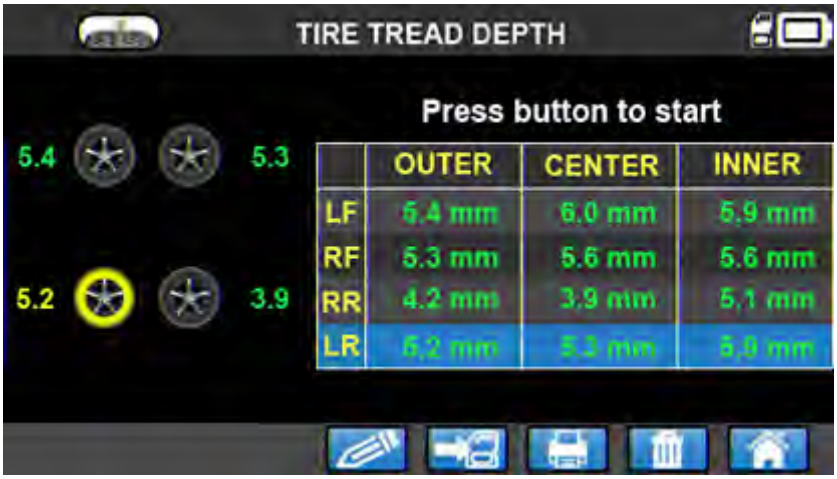
- **WAITING CENTRE**
- **MEASURE PROCESSING**
- **RELEASE**

- **WAITING INNER**
- **MEASURE PROCESSING**
- **RELEASE**

For each new wheel, press the button on the Tire Tread Depth gauge accessory to begin measurement.

When all the wheels have been checked, all the measurements taken are displayed.

You can send these results to a PC using the WebVT software.



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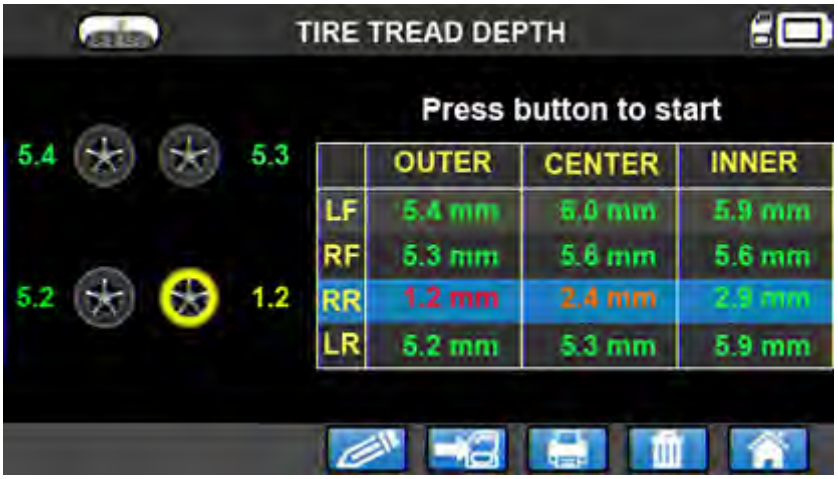
The results of the tire tread depth measurement can be reviewed using the **History** > **Recent** menu.

Measurements in green are higher than the legal minimum.
Measurements in orange are near the legal minimum.
Measurements in red are below the legal minimum.



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3. Miscellaneous

3.1. Charging the battery

The VT57 has a low battery detection circuit.

A full charge enables an average of 800 sensors to be read (approximately 160 to 200 vehicles). These data can vary based on the sensors used.

Battery level indicators

0% 25% 50% 75% 100%

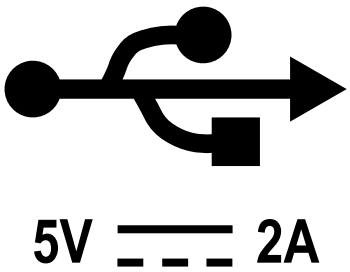
When the battery reaches 0%, the battery level indicator flashes and the VT57 switches off after 10 seconds.

This icon indicates that the battery is charging.

This icon indicates that the battery is faulty. Please contact the after-sales service.

Warning! Do not use a tool with a low battery level, because data issue and reception may become unstable.

Directly connect the mains charger to the VT57 and then connect the charger to a wall outlet.



Battery replacement

It is recommended to return the tool to your dealer to replace the battery.

3.1.1. Print TPMS information

***Note**: this function will only become activated after all the vehicle TPMS sensors have been read.*

1) Place the ATEQ VT57 in its docking station and check that all the TPMS sensors have been read.

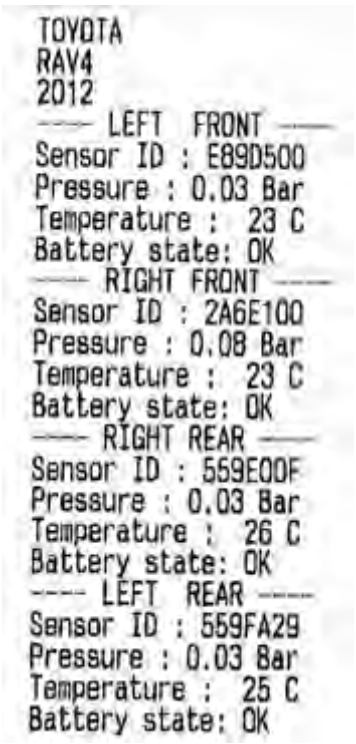
2) Connect and check that the charger is properly connected to the docking station.

3) Turn on the printer by pressing the button

until the green light on the printer blinks.

4) The printer is ready to use when the light is on.

This button feeds the paper through.



***Note**: communication between the VT57 and the printer is provided by an infra-red connection.*

5) Select the icon

6) Print the results by pressing the icon

= print

= back

3.1.2. Troubleshooting, TPMS valve reading problems

If your VT57 does not detect one or more TPMS valves, carefully follow this process in order to diagnose the problem:

1) The vehicle has **no TPMS valve** even if a metal stem is present. There are non-TPMS valves that look like TPMS valves. This is the case with Schrader valves.

    a. Check for the presence of TPMS valves on the vehicle. You can also use your VT57 to check the **type of TPMS valve** (direct or indirect) fitted on your vehicle. Caution, indirect TPMS systems operate without sensors mounted in the tires.
    b. If the vehicle you are checking was **not originally fitted with TPMS valves,** your VT57 will tell you clearly through the message "**Indirect TPMS**".

2) The **sensor** or **TPMS ECU** may be **damaged** or **defective**.

    a. Check each element to eliminate the possible origin of the problem.

3) The **TPMS valve** may respond only to its own **frequency** and not be designed to be triggered by another frequency.

    a. Check the communication frequency of the vehicle's TPMS valves. This frequency is generally 433 MHz for Europe and 315 MHz for the United States and Japan. Make sure the vehicle is not a vehicle imported from one of these countries since it may be set to a different frequency.

4) The **TPMS valve** fitted on the tire is not the **correct P/N**

    a. Each vehicle model – even each version – can be fitted with a different make or model of TPMS valve. Make sure that the vehicle is fitted with the correct TPMS sensor P/N.

5) The VT57 may require a software **update**.

    a. If all the previous points have been checked, you might have a vehicle that is not yet in the TPMS tool's database. In this case simply update your tool using the WebVT software. Refer to Updating on page 110.

6) The VT57 is damaged or defective.

    a. If all the previous points have been checked, the VT57 might be damaged or defective. In this case contact your local dealer.

3.2. Updating the VT57 firmware

3.2.1. Updating the TPMS tool

You must update the VT57 as soon as:

- a new model or a new generation of vehicle arrives on the market
- a new TPMS communication protocol is available.

To update the VT57, please follow the update procedure set out below.

IMPORTANT: Temporarily disable all anti-virus and spam blocking software on your computer. This is necessary to ensure the program and drivers are successfully installed.

3.2.2. Install the WebVT software (PC with Windows system)

1) Go to the website **www.ateq-tpms.com** to download the latest version of the **WebVT** software.

2) Unzip the archive containing the software and then run the installation of the **program** and the **drivers**.

3) Follow **all the installation steps** carefully and confirm when necessary.

4) Once the software has been installed, **run** WebVT.

5) Connect your TPMS tool to the PC with the supplied **USB cable**.

6) Register your product online to receive information about the latest improvements and new features of your VT57.

7) Follow the update instructions displayed on screen.

8) Wait for the update procedure to complete, this can take 10 minutes, **do not disconnect the VT57** or the PC during the update procedure.

9) The WebVT software will let you know when the update is finished. You will now be able to use your VT57 again.

3.2.3. Important points to respect when updating the software

1) Make sure that the battery is fully charged before updating.

2) Before connecting the VT57 to your PC, make sure you have properly **installed** and **run** the **WebVT** software on your PC.

3) Make sure that the PC is correctly connected to the **internet** so that WebVT can automatically download the software and database updates for the VT57.

4) Temporarily disable all **anti-virus** programs which could block internet access for the WebVT software.

5) The WebVT software is only available for **Windows PC** platforms.

Warning!

Do not disconnect the VT57 from your PC or turn off your computer during the update process. This may result in serious damage to the VT57.

3.3. Warranty

3.3.1. 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 non-transferable and is limited to the original buyer. This warranty gives you specific statutory rights, and you may also have other rights that vary under local laws.

3.3.2. Remedies

In the event of breach of the warranty, the sole responsibility of **ATEQ** and your sole remedy consists, at **ATEQ's** choice, in repairing or replacing the hardware. Shipping and handling charges may apply, unless prohibited by the applicable law. To repair or replace any hardware, **ATEQ** may, as it chooses, use parts that are new, restored or already used but in good working order. 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 (a) from accidents, abuse, incorrect use or any repair, any modification or any unauthorised disassembly; (b) from inappropriate use or maintenance, use not in compliance with the instructions of the product or from connecting to power supply with incorrect voltage; or (c) from use of consumables, such as replacement batteries, not supplied by **ATEQ**, apart from where such restriction is prohibited by the applicable law.

3.3.3. How to Obtain Warranty Support

Before submitting a warranty claim, we recommend you visit the technical support section of our website at https://www.ateq-tpms.com/ for technical assistance. Valid warranty claims are generally processed through the point of sale during the first thirty (30) days after purchase. However, this period of time may vary depending on the place of purchase. Contact **ATEQ** or the retailer who sold you the product to get more details. Warranty claims that cannot be processed through the point of sale and any other product-related questions should be addressed directly to **ATEQ**. The addresses and contact details of ATEQ's customer services are given in the documentation provided with your product, and on the internet at https://www.ateq-tpms.com/.

3.3.4. Limitation of Liability

ATEQ SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT OR ACCIDENTAL DAMAGE 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 YOU HAVE NOT BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Some jurisdictions do not allow the exclusion or limitation of special, indirect or accidental damage, and so the above limitations or exclusions may not apply to you.

3.3.5. 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, and so the above limitation may not apply to you.

3.3.6. National Statutory Rights

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

3.3.7. No Other Warranties

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

3.3.8. Warranty Period

The warranty period for ATEQ tools is one year.

3.4. Safety precautions

You must read and understand these safety precautions and warnings before using or charging your Li-Po batteries.

3.4.1. Operating environment

Remember to always follow any specific regulations in force in your sector of work, and to switch off your device when its use is prohibited, or when it may cause interference or danger.

Only use the tool in its normal operating position.

3.4.2. About charging

Only use the power supply provided with your VT57. The use of any other power supply may damage the tool and/or be dangerous.

When the red LED goes off and turns green, charging is finished.

3.4.3. About the charger

Do not use this charger in wet environments; never touch the charger if your hands or feet are wet.

Allow sufficient space around the charger for ventilation when you use it to power or recharge the tool's battery. Do not cover the charger with objects liable to affect cooling. Do not use this charger inside a bag.

Connect the charger to a suitable power outlet.

Do not use the charger if it is damaged or if its power lead is damaged. Do not disassemble the charger and do not modify any of its parts. Do not attempt to repair the charger. It does not contain any part that can be repaired. Replace the charger if it has been damaged or exposed to excess moisture.

Do not try to use it as a power source.

Unplug it before undertaking any cleaning or care.

3.4.4. About the battery

CAUTION: this device contains a Li-Po battery. It can explode and release hazardous chemicals. To reduce any risk of fire or burns, do not disassemble, crush, pierce or dispose of the battery or the tool in fire or water, and do not short-circuit or short the contacts with a metal object.

Always use the power supply approved by **ATEQ** and supplied with the device.

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

Opening the tool or tampering with or breaking the seal placed on the tool will invalidate the warranty.

3.4.5. Safety instructions for Li-Po battery use

The VT57 must be placed on a non-flammable surface during charging (ceramic tray or metal box).

Only charge the Li-Po battery **WITH** the specific charger provided.

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

NEVER charge a battery pack immediately after use and while it is still hot. Let it cool down to room temperature.

If you see any smoke or liquid coming out of the battery, stop charging immediately. Disconnect the battery from the charger and place the battery in an isolated area for at least 15 minutes. **STOP USING THE BATTERY**, and return the device to your dealer.

Always keep a fire extinguisher for electrical fires within reach while charging the battery. In the unlikely event that the Li-Po battery catches fire, **DO NOT** use water to extinguish the fire, use sand or the extinguisher described above.

The parts of a Li-Po battery must be neutralized out of use. The neutralization procedure must be carried out within very strict safety parameters. You are recommended to contact a specialist in this battery type to carry out this process. They will have the out-of-use battery collected by a specialized recycling organization. Alternatively, contact your dealer.

Do not dispose of Li-Po batteries with household waste.

To avoid leaks or other hazards, do not store batteries above **60°C**. Never leave the battery inside a car (for example) where the temperature could be very high or in a place where the temperature might exceed **60°C**. Store the battery in a dry place to avoid contact with any type of liquid. Store the battery only on a non-flammable surface that is heat resistant and non-conductive, and away from any flammable materials or sources.

A Li-Po battery must be stored with a minimum charge of **30%**. If you store the battery completely discharged, it will quickly become unusable. If it has to be stored for a long period (over 6 months), remember to recharge it regularly (to more than 30%).

If you do not follow these safety instructions, you risk causing serious damage to people or property, and you even risk causing a fire!

ATEQ accepts no responsibility in the event of damage arising as a result of non-compliance with these safety instructions.

Since use of a Li-Po battery entails significant fire risks capable of causing serious damage to people and property, the user agrees to accept the risks and the responsibility involved.

Since **ATEQ** cannot control correct use of the battery (charging, discharging, storage, etc.), it cannot be held responsible for damage caused to people or property.

4. Index

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EU Declaration of Conformity (DoC)

We

Company name : ATEQ
Postal address : 15 rue des Dames
Postcode and City : 78340 Les Clayes sous Bois
Telephone number : 01 30 80 10 20
E-Mail address : info@ateq.com

declare that the DoC is issued under our sole responsibility and belongs to the following product:

Apparatus model/Product : TPMS (Tire-pressure monitoring system) Tool
Type : **VT57**

Object of the declaration

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Radio Equipment (RED) Directive 2014/53/EU

References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

EN 61010-1:2010, EN 61326-1:2013, EN 301 489-1 V2.2.3, EN 300 330 V2.1.1

Non-harmonizsed standards:

EN62479:2010, EN 301489-3 V2.1.1

Signed for and on behalf of :
Place and date of issue

Mr Jacques MOUCHET, Chairman and CEO