



Tire Pressure Analyzer 400

Diagnostic device for
tire pressure monitoring systems



en Original instructions

Diagnostic device for
tire pressure monitoring systems

en – Contents

Introduction

1. Specifications	3
2. Product Content	4
3. Important Safety Instructions	5
4. Overview	7
5. Function Keys	7
6. Header Icons	8
7. Footer Icons	8
8. Power On	8
9. Quick Start	9
10. Service Procedure	10

Usage

1. Check Sensors	12
2. Service TPMS	16
3. Program Sensor	20
4. Settings	31
5. History	41
6. RKE Test	42

Miscellaneous

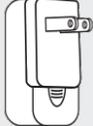
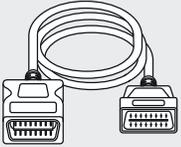
1. Charging	43
2. Tool Update	44
3. Spare and wearing parts	52
4. Limited Warranty / Certificates (USA/Canada)	53
5. Software Product License Agreement (USA/Canada)	54
6. Important Notes	58
7. Information on battery safety and the charging process	59
8. Disposal and scrapping	60
9. RED (Radio Equipment Directive)	60
10. Federal Communications Commission Interference Statement	61
11. ISED Canada Statement	61

Introduction

1. Specifications

Battery Type:	3.000 mAh rechargeable lithium-polymer battery
Battery Life:	Approximately 300 activations per full charge
Dimensions (H x W x D)	174 mm x 97 mm x 36 mm (6.850 in x 3.818 in x 1.417 in) without rubber boot 176 mm x 109 mm x 43 mm (6.929 in x 4.291 in x 1.692 in) with rubber boot
Case Material:	High Impact ABS
Response Frequency:	Main frequencies: 315 MHz, 433 MHz and 2,4 GHz
Weight:	280 g (0.617 lb) Tool without rubber boot 449 g (0.989 lb) Tool with rubber boot
Temperatures:	Operating: -20° C to +55° C (-4° F to 131° F) Storage: -40° C to +60° C (-40° F to 140° F)
Operating Altitude:	Up to 2000 m (6560 ft)
Screen:	71 mm display (2.8")

2. Product Content

Item	Component	Image	Quantity	Part Number
1	Tire Pressure Analyzer 400		1	–
2	Quick Start Guide		1	1 689 989 674
3	Battery Charger		1	1 681 335 142
4	Connecting Cable USB A / USB B		1	1 684 465 491
5	OBD Cable		1	1 684 465 940
6	Carrying Case		1	–

3. Important Safety Instructions

Do not discard. Retain for future reference.

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

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- *Reorient or relocate the receiving antenna.*
- *Increase the separation between the equipment and receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- *Consult the dealer or an experienced radio/TV technician for help.*

This device complies with:

- Part 15 of the FCC Rules (FCC ID under "Settings / Certifications" visible).
- CE / CEM standards
- ROHS standards

Operation is subject to the following two conditions:

- (1) This device will not cause harmful interference, and
- (2) This device will accept any interference received, including interference that may cause undesired or improper operation.

Other applicable documents

General safety notes for Bosch Mobility Aftermarket can be found here:

<https://help.boschdiagnostics.com/generalsafetynotes>



Warning:

Tire Pressure Analyzer 400 emits electromagnetic and electronically generated waves that may interfere with the safe operation of pacemakers.

Individuals with a pacemaker should never use this product.



Always read these operating instructions before use.

Read the information of safety and charging the battery (page 59).

Read the warranty, safety and recycling information at the end of the operating instructions.

Tire Pressure Analyzer 400 has been designed to be durable, safe, and reliable when properly used.

Tire Pressure Analyzer 400 is intended for use only by qualified and trained automotive technicians or in a light industrial repair shop environment. Please read all instructions below before use. Always follow these safety instructions. If you have any questions pertaining to the safe or reliable use of this tool, please call your local dealer.

1. Read All Instructions

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

2. Retain Instructions

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

3. Heed Warnings

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

4. Cleaning

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

5. Water & Moisture

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

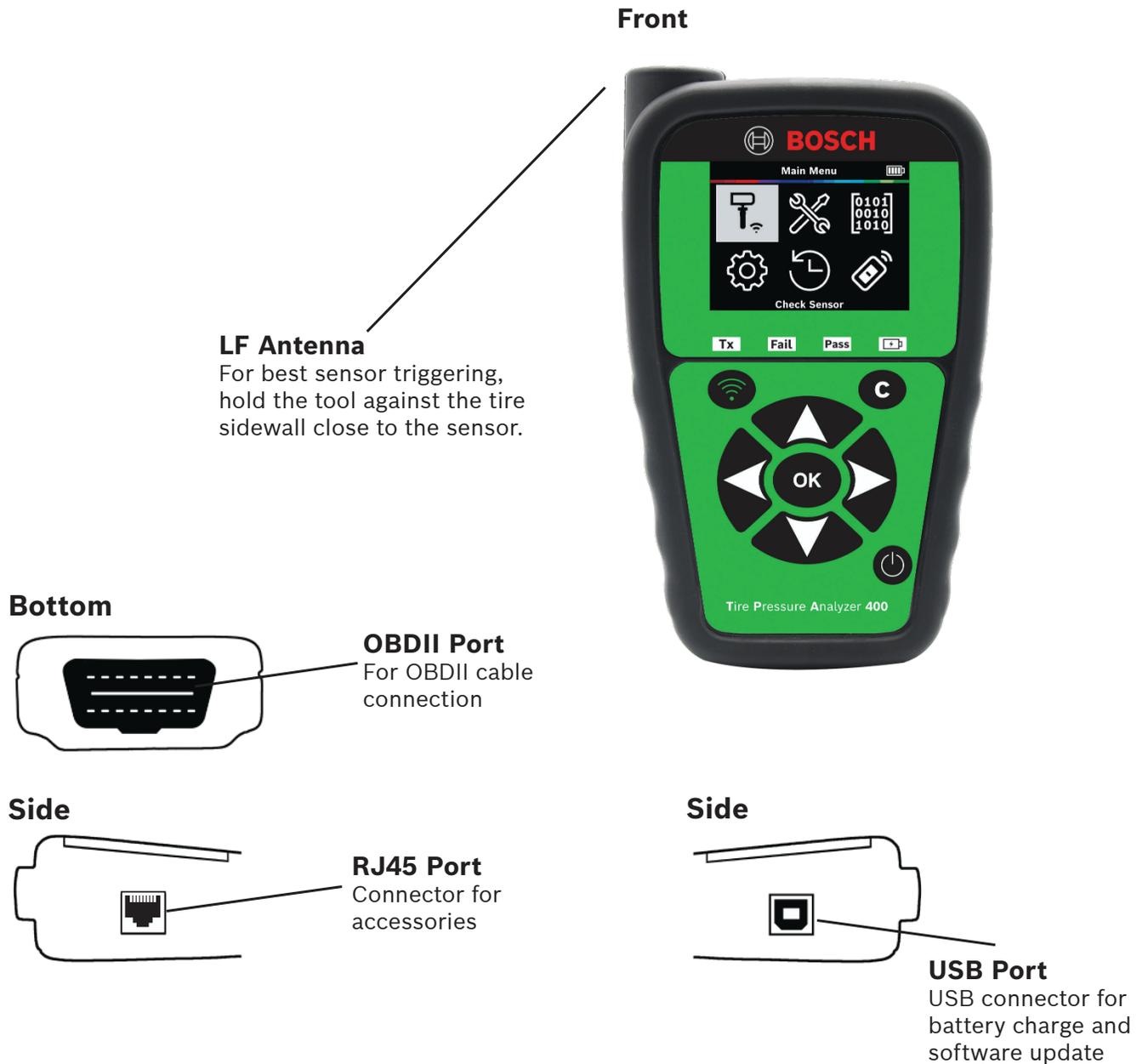
6. Storage

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

7. Usage

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

4. Overview



5. Function Keys

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

6. Header Icons



The tool is connected to PC via USB cable.



The Wifi is on, Wifi signal strength = 100 %; = 66 %; = 33 %



The tool is connected to an optional module (not available).



Battery status.

7. Footer Icons



Jump to the OBDII Relearn function.



Jump to the Program Sensor function.



Delete the sensor data displayed.



Input the client detail information.



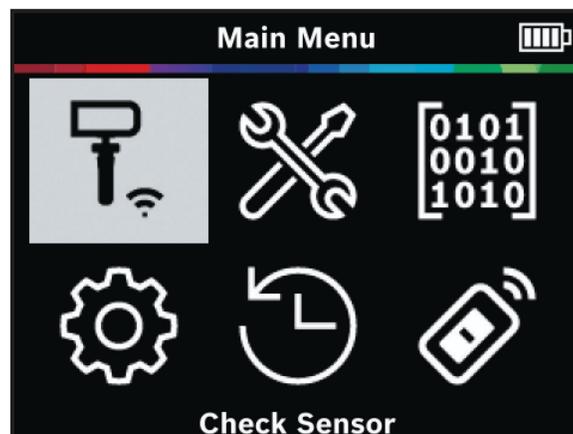
Jump to the RKE test function.



Go to the Main Menu after recording the data displayed.

8. Power On

Press the button to turn on the TPMS TOOL.



This tool has an auto-off feature – time duration is adjustable in settings.

To power off the tool manually, press and hold the button for about 3 seconds.

9. Quick Start

1. Check the region

Check if the correct region is set (see page 32).



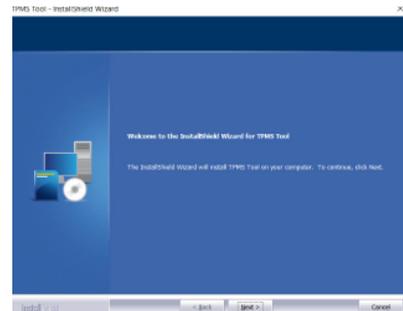
2. Set the language

Set the required language (see page 32).



3. Install the PC software

Download the "TPMS Tool" PC software and install it (see page 44).

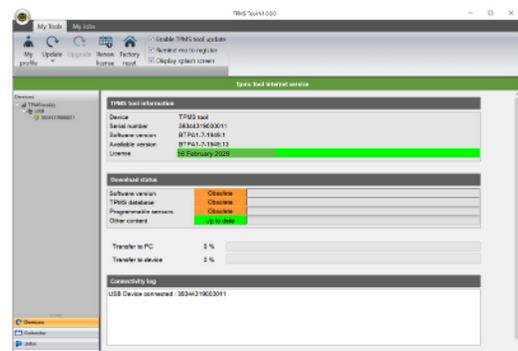


4. Register the Tire Pressure Analyzer 400

Register the Tire Pressure Analyzer 400 in the "TPMS Tool" PC software (see page 49).

5. Update the Tire Pressure Analyzer 400

Update the Tire Pressure Analyzer 400 to include current vehicles and sensors (see page 50).



10. Service Procedure

Follow this TPMS service procedure each time before and after servicing tires/wheels.

10.1 Test Sensors

Following the instructions in the CHECK SENSOR menu of your TPMS TOOL. Trigger each of the vehicle's sensors, to ensure they work properly.

This procedure allows damaged or defective sensors to be identified quickly, as some vehicles may not indicate a poor sensor condition in the vehicle's instrument cluster until more than 20 minutes have passed.

Testing the sensors before any service also eliminates the liability associated with replacing previously damaged or defective sensors.

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

10.2 Replace Sensors

Faulty sensors must be replaced to allow the vehicle's TPM system to work properly. Use the SERVICE TPMS of your TPMS TOOL to find the original equipment replacement sensor or a universal aftermarket sensor.

Universal sensors must be programmed before use. Follow the instructions in PROGRAM SENSOR to create or clone universal sensors.

10.3 Relearn the TPM System

Once a replacement sensor has been installed, the new sensor ID must be registered by TPMS ECU, to allow communication between the sensor and the vehicle.

The SERVICE TPMS menu indicates which relearn method is required: MANUAL RELEARN, OBD RELEARN or AUTO RELEARN. Follow the on-screen instructions.

When the relearn procedure requires to trigger the sensors, always begin with the Left Front (LF) wheel sensor. Proceed to the next wheel sensor in clockwise rotation, until ALL sensors have been retrained. Example : LF (Left Front), RF (Right Front), RR (Right Rear), LR (Left Rear). If the spare wheel is TPMS equipped, this must be trigger at last.

Some vehicles provide an audible beep confirming that the sensor ID has been learned by the TPMS ECU.

For vehicles that do not require retraining, it is recommended to trigger each wheel sensor, one final time, to ensure they are working properly prior to releasing the vehicle to the customer.

10.4 Troubleshooting

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

- 1) The sensor itself may be damaged or defective.
- 3) Wrong make, model, year is selected.
- 4) Your **TPMS TOOL** may require a software update.
- 5) Your **TPMS TOOL** is damaged or defective.

Please contact your tool supplier for further assistance.

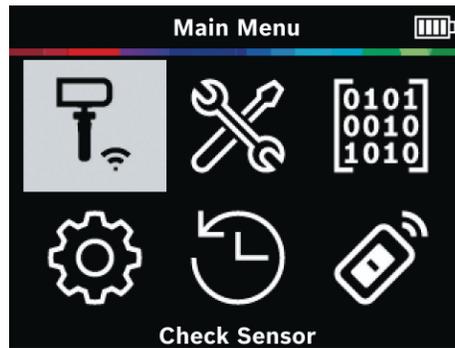
Usage

Important:

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

1. Check Sensors

Select “**Check Sensor**” function.



= Continue



= Previous

Select Vehicle Manufacturer.

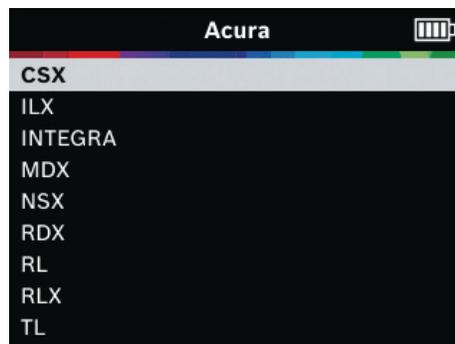


= Continue



= Previous

Select Vehicle Model.

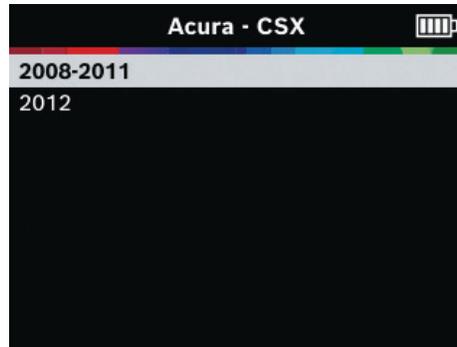


= Continue



= Previous

Select Vehicle Year.



= Continue



= Previous

Select number of wheels
and select tire.

This option does not
appear for all vehicles.

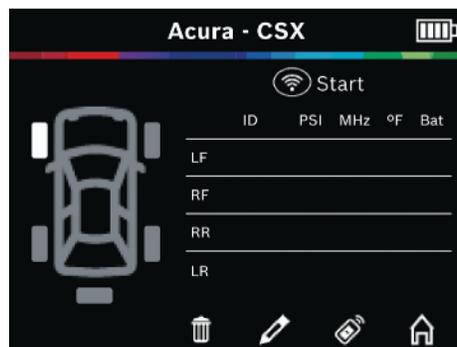


= Continue



= Previous

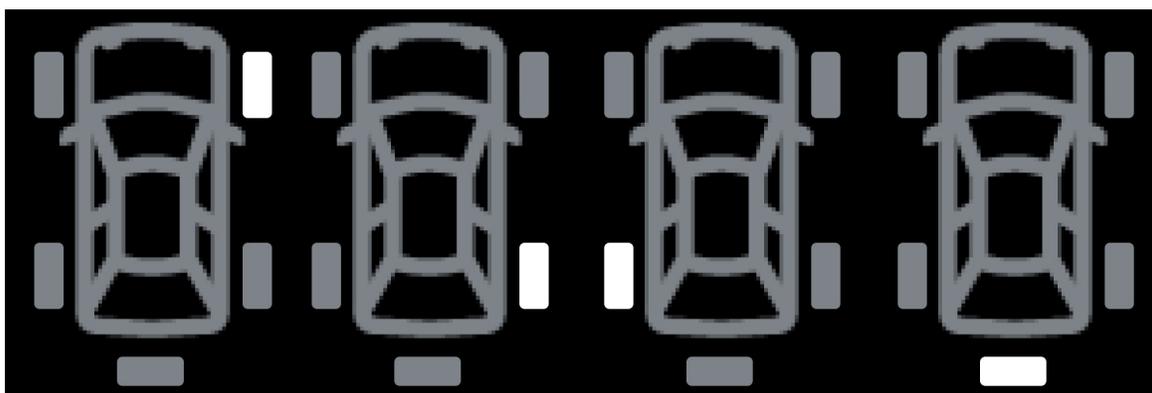
This first selected tire is
highlighted in white.



Test Sensors



Press the trigger button to read the sensor and press OK or use the arrow buttons to select next tire to read.



Right Front



Right Rear



Left Rear



Spare



Trigger if the car is equipped with a TPMS sensor fitted into the spare wheel.

Pass

Sensor triggered successfully.

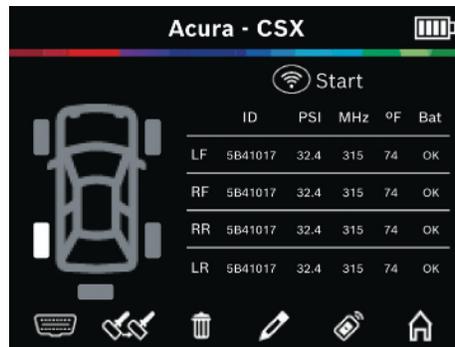
Fail

If the tool does not detect a sensor press



to test again.

Bottom Icons



= Continue



= Exit and record the job

When all sensors have been read, jump directly to other functions with the icon bar located at the very bottom of the screen.



Jump to the OBDII Relearn function.



Jump to the Program Sensor function.



Delete the sensor data displayed.



Input the client detail information.



Jump to the RKE test function.

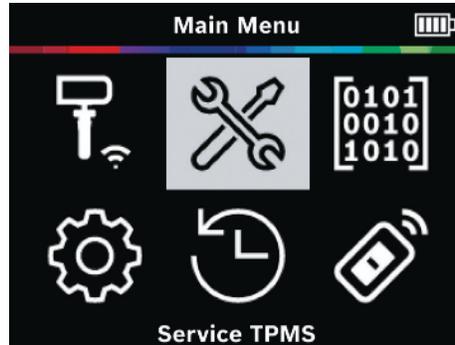


Go to the Main Menu after recording the data displayed.

2. Service TPMS

This menu has two main functions. One is to relearn the ID of the 4 sensors into the ECU. The other function aims at reading the spare part for all the sensors available by vehicle.

Select “**Service TPMS**” function.

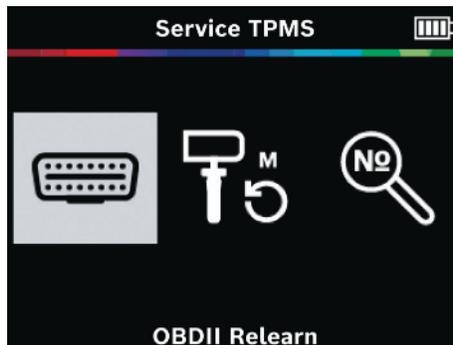


-  = Continue
-  = Previous

- ▶ Select car manufacturer.
- ▶ Select car model.
- ▶ Select year.

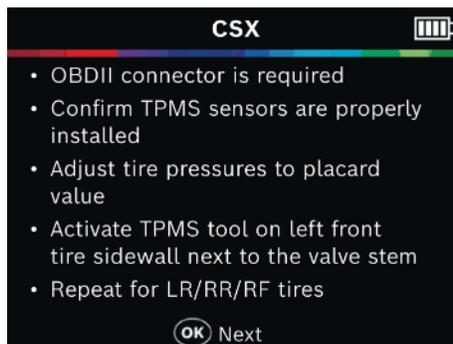
2.1 OBDDII Relearn

This is for ID relearn to the ECU through the OBDDII port.



-  = Continue
-  = Previous

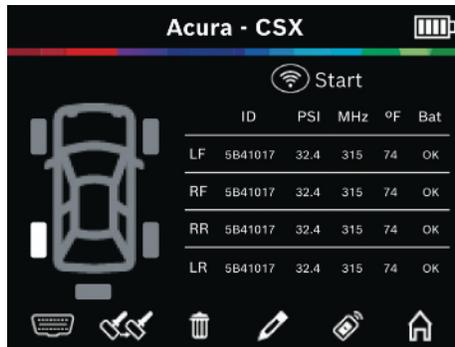
OBDDII Relearn Instructions.



-  = Continue
-  = Previous

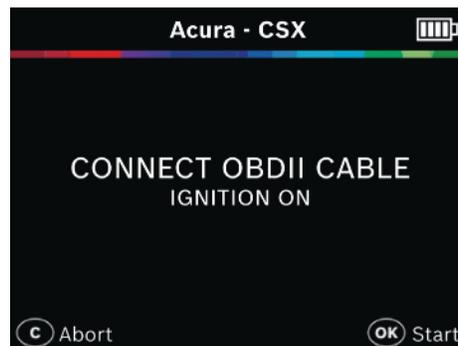
- ▶ Select the number of wheels (if applicable).

Read all the sensors.



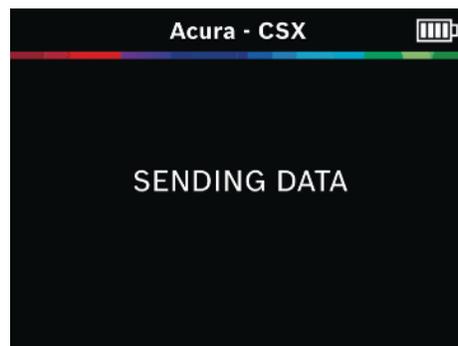
= Trigger Sensor

Plug OBDII cable to the tool and the vehicle.



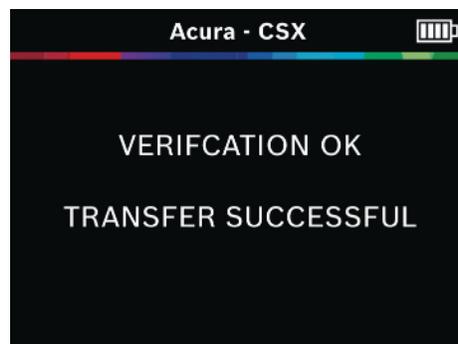
Note: this following screen message is displayed when all the sensors are triggered and the OBDII cable is connected to the TPMS TOOL.

Wait a few seconds during the data upload.



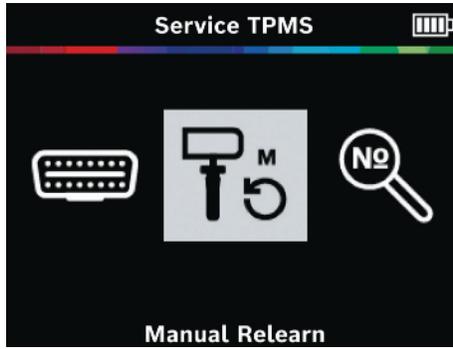
The data is successfully transferred to the ECU.

The OBDII cable can be unplugged from the ECU to the tool.



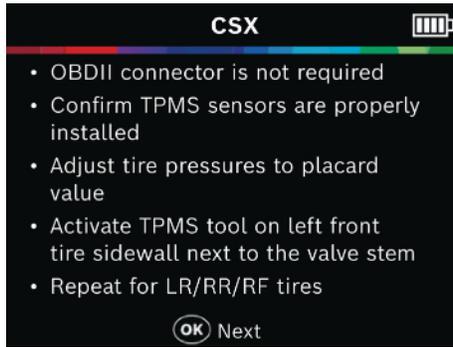
2.2 Manual Relearn

Program the vehicle's ECU to recognize new or reset tire sensors by following specific steps.



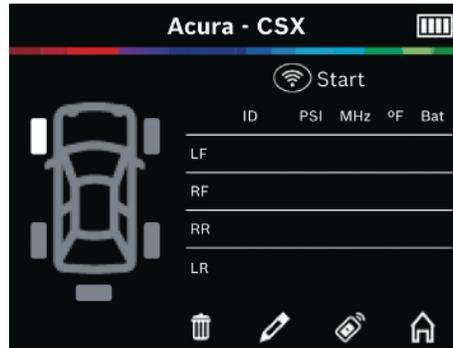
-  = Continue
-  = Previous

Manual Relearn Instructions.



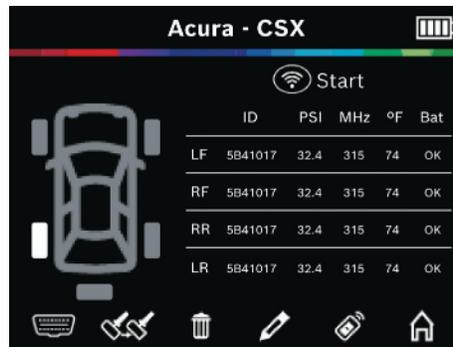
-  = Continue
-  = Previous

Trigger Sensors



-  = Trigger Sensor

Follow instructions according to the vehicle procedure.

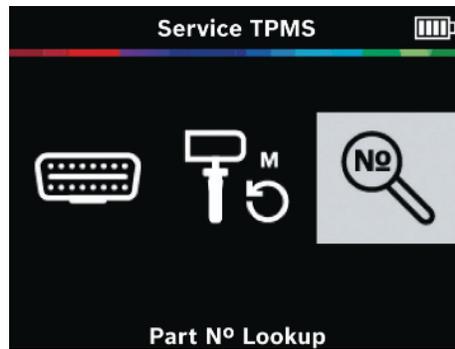


-  = Continue
-  = Previous

2.3

Part Number lookup

This is a spare parts database which indicates all the sensors references available for each car.



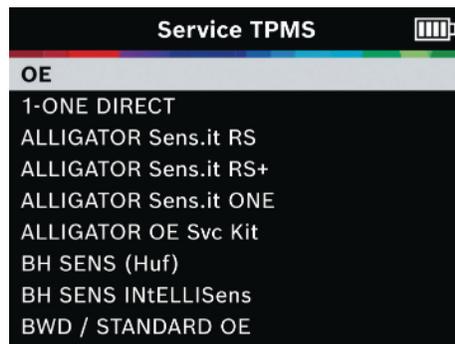
OK

= Continue

C

= Previous

Select Sensor



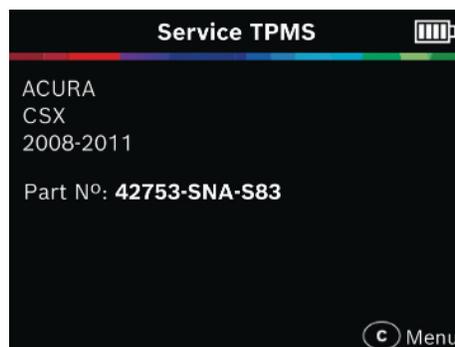
OK

= Continue

C

= Previous

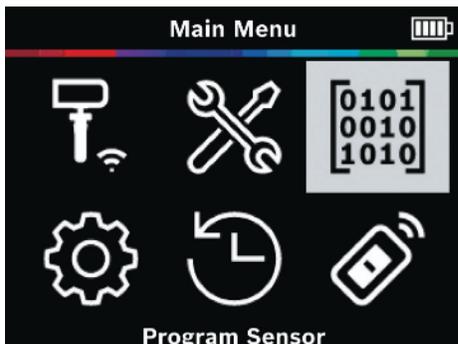
Sensor part number displayed



3. Program Sensor

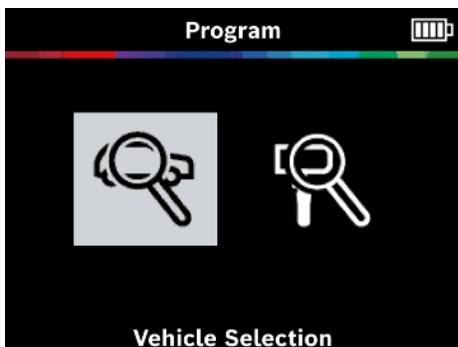
This section explains how to get a sensor ID in order to enter it in a universal sensor. If the "old" sensor can be read, use the COPY ORIGINAL SENSOR section to recover the ID. If it cannot be read, use the CREATE NEW SENSOR section to create a new ID.

Select the "**Program Sensor**" function.



= Continue

Select either "**Vehicle Selection**" or "**Sensor Selection**".

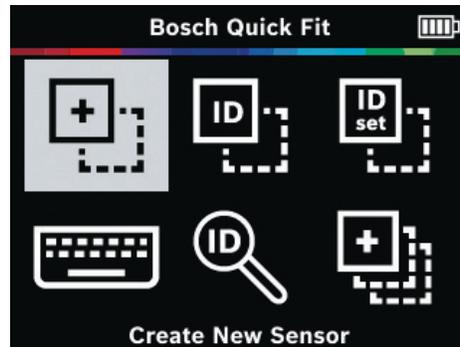


= Continue



= Previous

3.1 Create New Sensor



= Continue



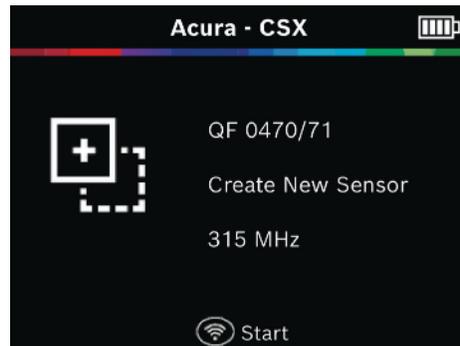
= Previous

Hold the new programmable sensor near the device antenna.

Press

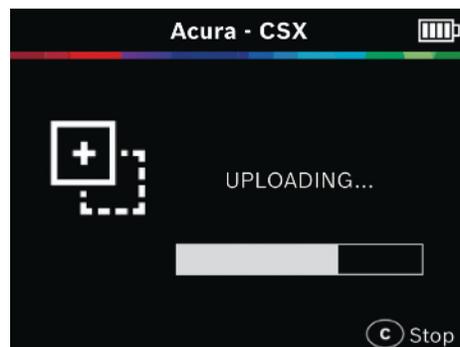


to upload data to blank sensor.

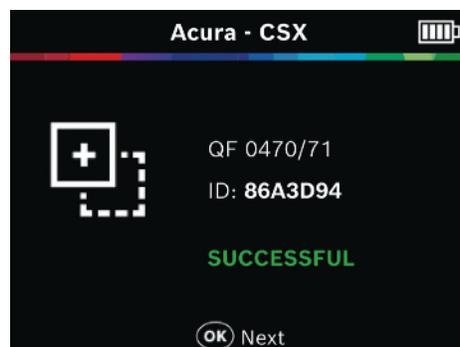


*It is also possible to overwrite a programmable sensor already used.

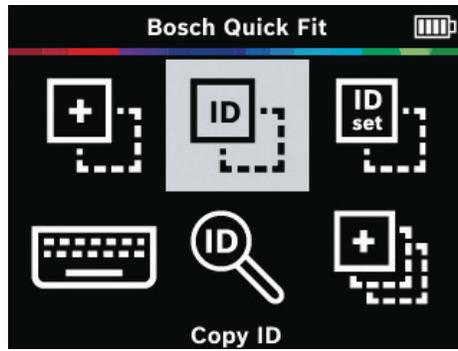
Wait a few seconds.



The data has been successfully uploaded to the sensor.

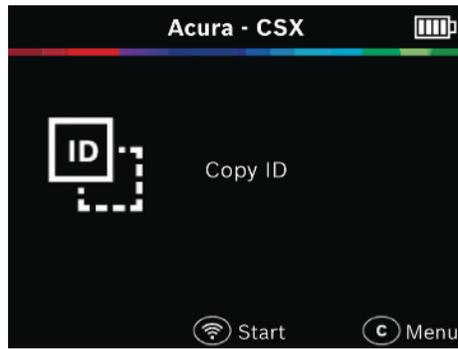


3.2 Copy ID

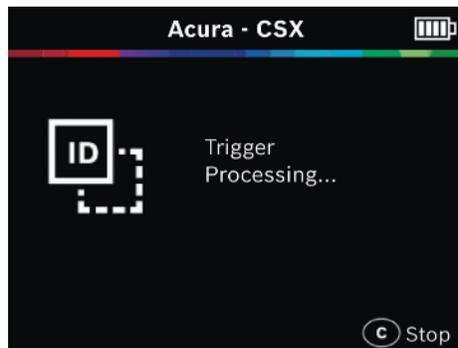


-  = Continue
-  = Previous

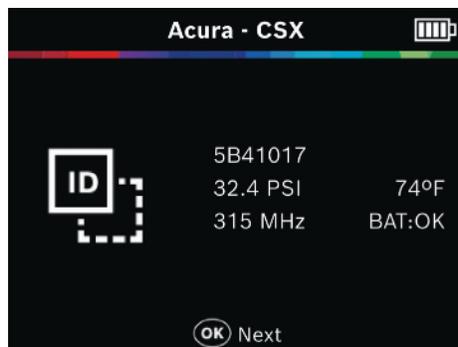
Press  to trigger the original sensor.



Wait a few seconds.



The ID of the old sensor is displayed.

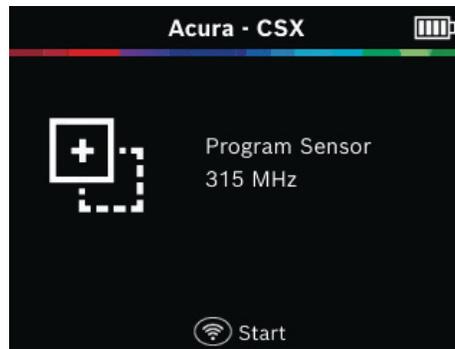


-  = Continue
-  = Previous

Hold the new programmable sensor near the device antenna.

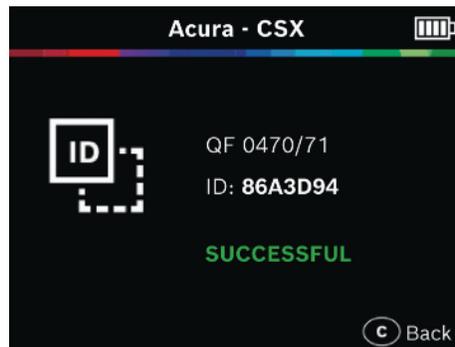


to upload data to blank sensor.

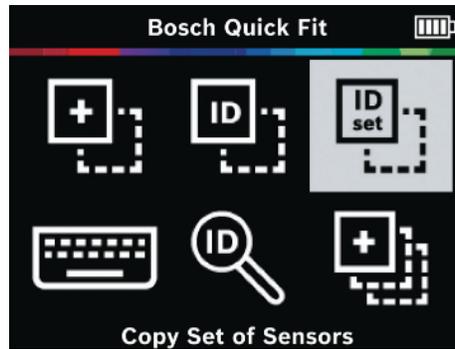


Please wait during the programming process.

The data has been successfully transferred to the sensor.



3.3 Copy Set of Sensors



= Continue

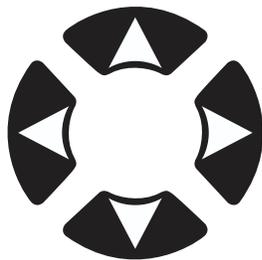
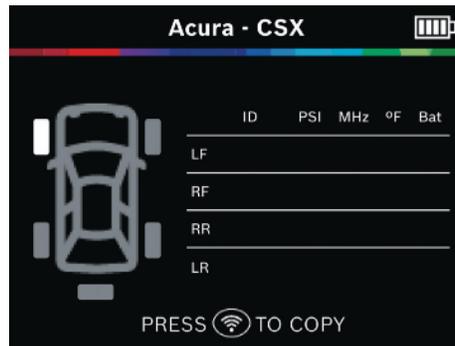


= Previous

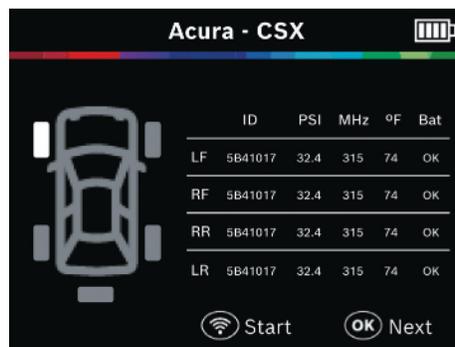
Press



to read the first sensor.



Use the keyboard to select the next wheel.



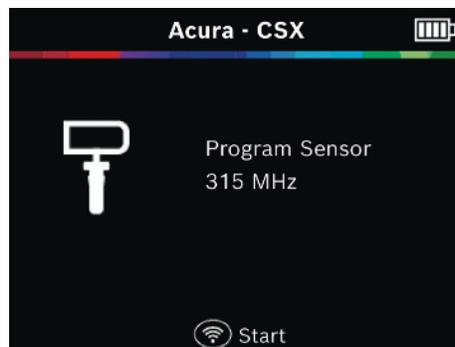
Read all the sensors.
Finish by pressing



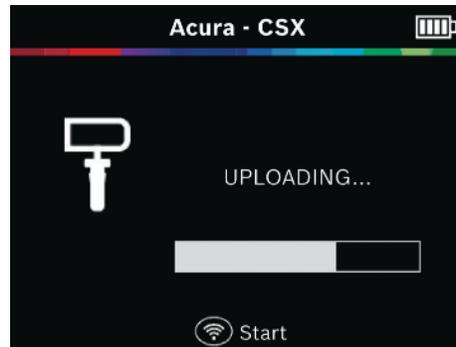
Press



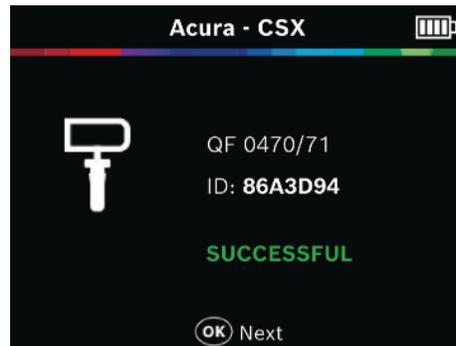
to program the first sensor.



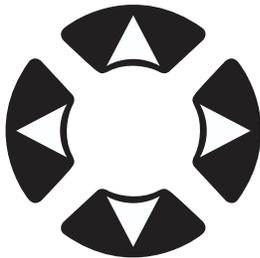
Wait a few seconds.



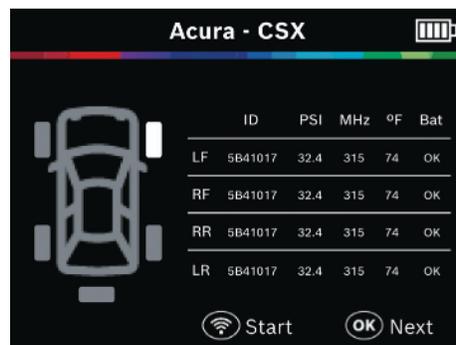
The data has been successfully uploaded to the sensor.



OK
= Continue

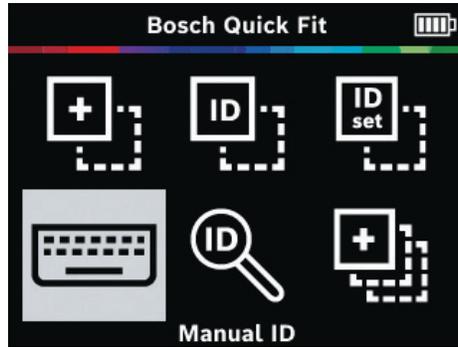


Use the keyboard to select the next wheel.



Press
OK
to program the next sensor.

3.4 Manual ID



= Continue



= Previous

This function - only available for certain programmable sensors brands - enables the ID's from a damaged sensor to be entered manually. Be careful to enter only a valid sensor ID in the correct format (decimal or hexadecimal) who depends of the type of sensor.

Choose the correct sensor format (hexadecimal or decimal).

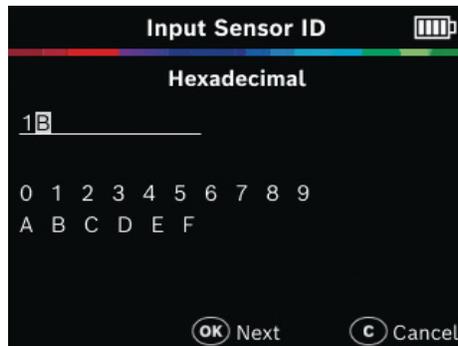


= Continue



= Previous

Use the virtual keyboard to enter the sensor ID of the damaged sensor.



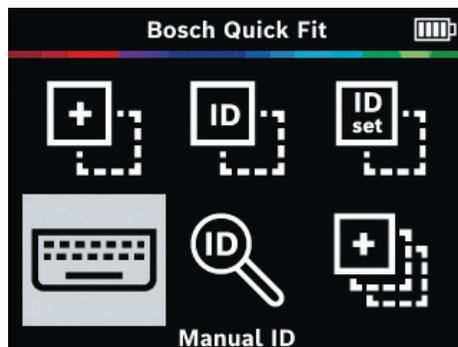
= Continue



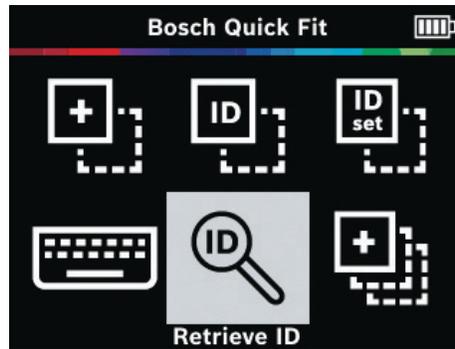
= Previous

Position the blank sensor in front of the tool antenna to send the ID to the new sensor. Wait a few seconds during the programming process.

The tool is now ready to program a new sensor (if applicable).



3.5 Retrieve ID



= Continue



= Previous

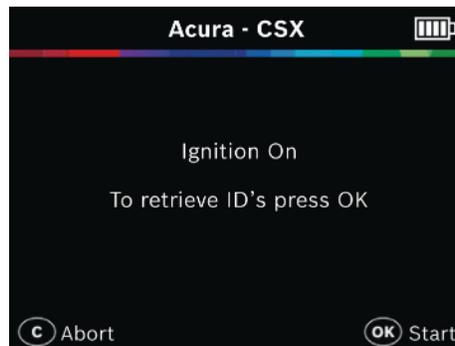
The Retrieve ID function reads and displays the unique identification numbers of the TPMS sensors installed on the vehicle. This feature allows you to verify sensor IDs for diagnostics, programming, or troubleshooting purposes.

Plug OBDII cable to the tool and to the vehicle.

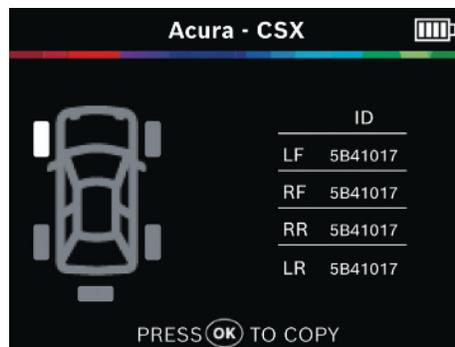
Press



when you are ready.

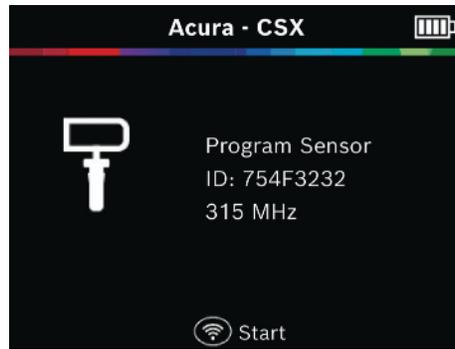


You are ready to program the first sensor with the actual ID from the car.

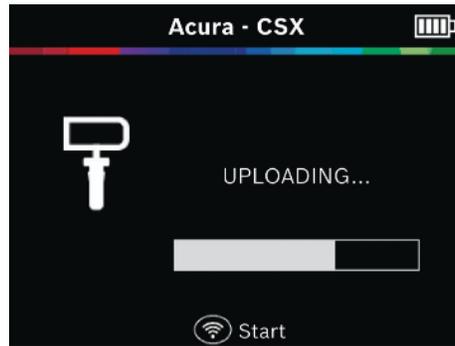


= Continue

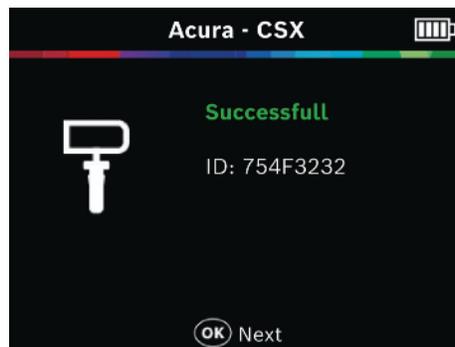
Press  to program the first sensor.



Wait a few seconds.

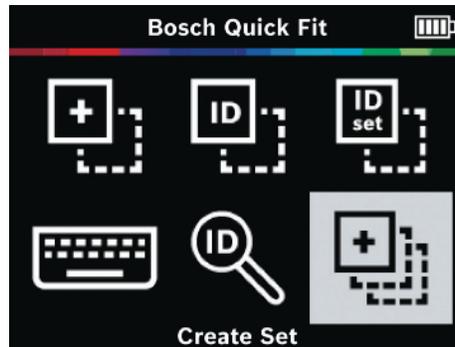


The data is successfully uploaded to the sensor.



Press  to program the next sensor.

3.6 Create Set



= Continue



= Previous

Create Set programs several blank TPMS sensors simultaneously with unique IDs. This is ideal for quickly preparing multiple replacement sensors for installation or inventory.

Select the number
of sensors.



= Continue



= Previous

A warning text will be
displayed.

Press



to continue.

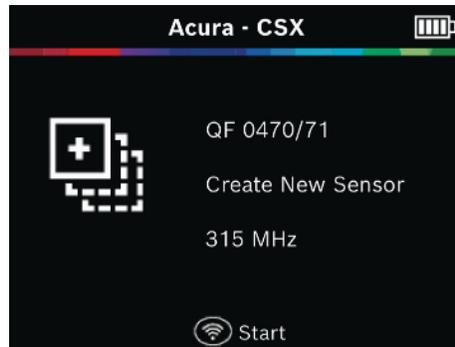


= Continue

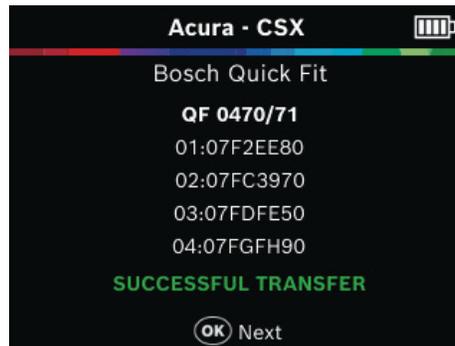


= Previous

Press  to program multiple sensors.

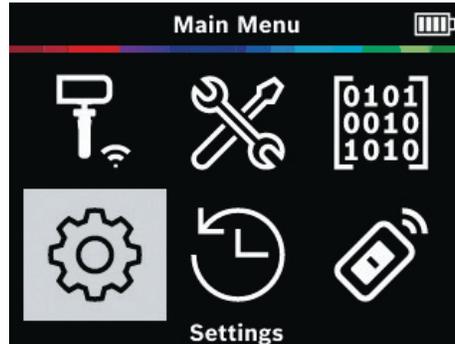


The data is successfully uploaded to the sensors.



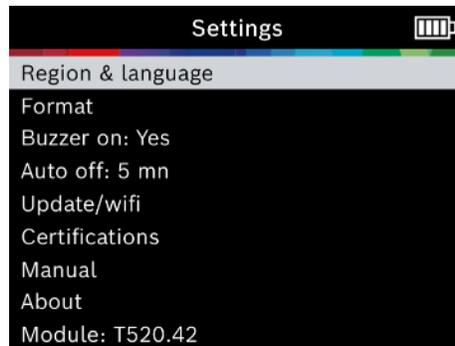
4. Settings

Enter Settings Menu



= Continue

Select the various settings.



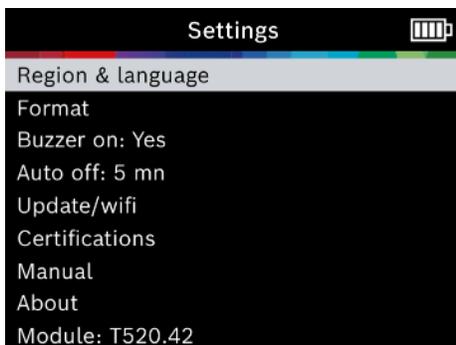
= Continue



= Previous

Region & Language	Select the working region. Select desired language.
ID Format & Units	Change the format of sensor ID display. Change the air pressure and temperature display (kPa, Bar or PSI and F° or C°).
Buzzer	Turn buzzer to ON or OFF.
Auto Off	Set the time to turn off the device automatically after not being operated.
Update/WiFi	Change WiFi settings, and update the tool wirelessly.
Certifications	Shows the approvals e.g. for the US (FCC) and possible other countries.
User Manuals	Shows a QR code that can be scanned to view the current manuals.
About	Displays the current software version and information about the license validity.

4.1 Region & Language



- = Continue
- = Previous

Scroll up and down to select Region or Language.



- = Continue
- = Previous

Region

Select the region choice.

After choosing a new region, please wait until the new vehicle database is loaded.



- = Continue
- = Previous

Language

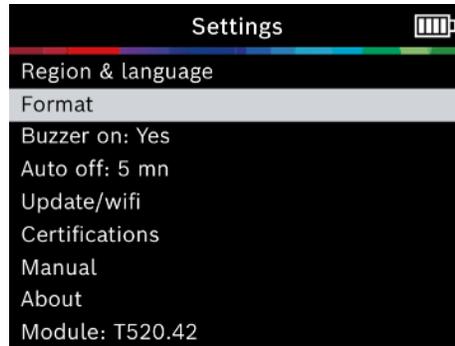
Select the language choice.

After choosing a new language, please wait until the language is loaded.



- = Continue
- = Previous

4.2 ID Format & Units

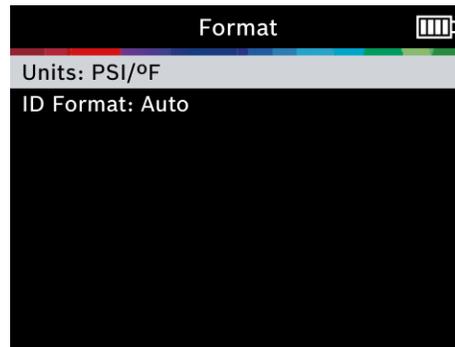


= Continue



= Previous

Scroll up and down to
select Units or ID Format.



= Continue



= Previous

Units

Scroll up and down to
select the units.



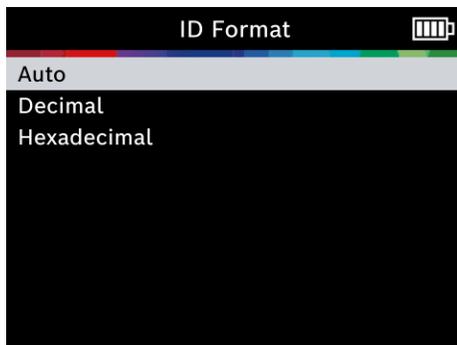
= Continue



= Previous

ID Format

Scroll up and down to select the units.



= Continue



= Previous

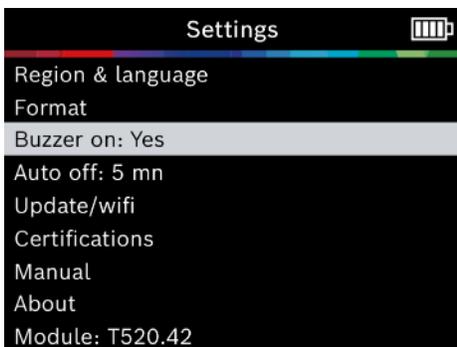
Auto: Display sensor IDs in the way sensor is transmitting.

Decimal: Display sensor IDs in decimal (0-9).

Hexadecimal: Display sensor ID in hexadecimal (0-9 & A-F).

NOTE: Some OE sensors manufacturers print sensor ID at housing in decimal format. In this case, you can easily set your tool to display IDs in decimal format to verify the reading done with the TPMS tool.

4.3 Buzzer

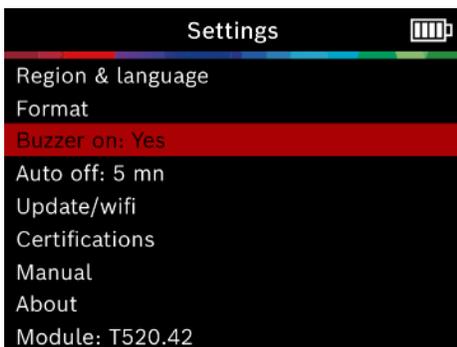


= Continue

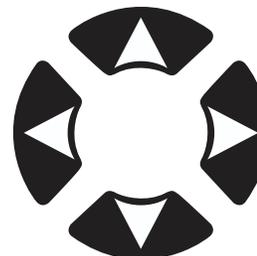


= Previous

Turn buzzer to On or Off. (Yes or No). When buzzer is set to **Yes**, a beep is triggered when the sensor ID is detected.

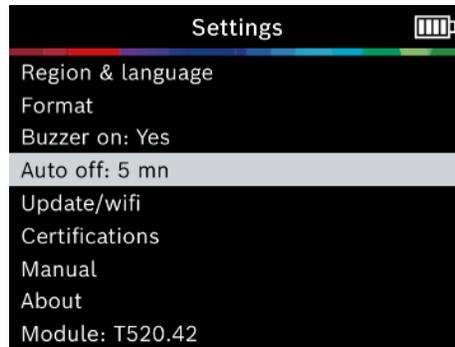


Press to select buzzer setting. The selection turns red.



Use the up and down arrows to select Yes or No.

4.4 Auto Off

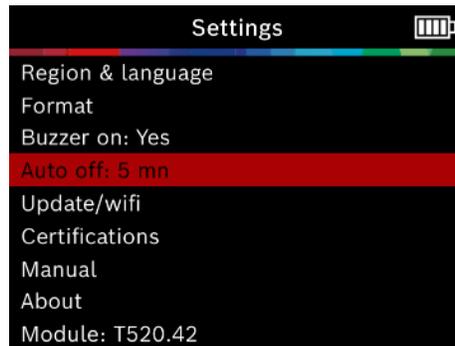


= Continue



= Previous

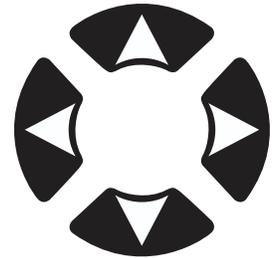
Change by **60 min**
(maximum) to
Disabled (Never).



Press



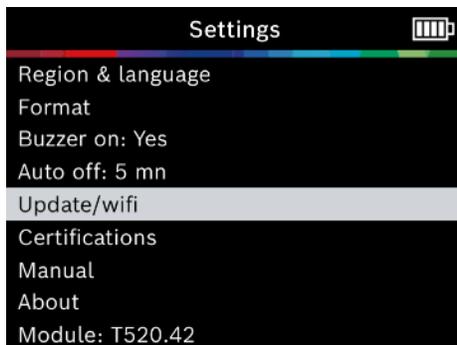
to select Auto Off
setting. The selection
turns red.



Use the up and down
arrows to set to set
Change from 60 min
(maximum) to Disabled
(never).

4.5 Update/WiFi

Update tool, WiFi settings and Renew license found here.

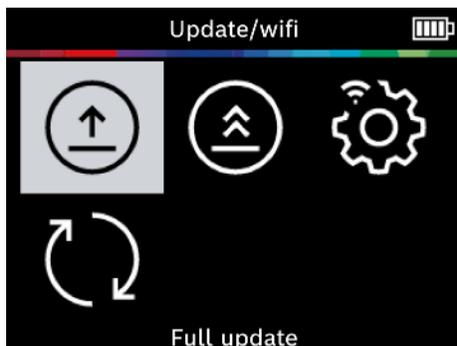


- OK**
= Continue
- C**
= Previous

Note: You must first register your tool to be able to update it via WiFi. Please install the “TPMS Tool” PC software (see page 44) to register your tool.

Full Update

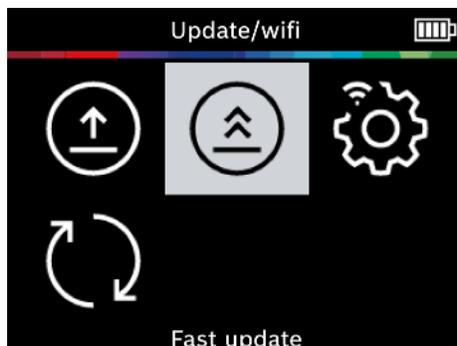
Overwrites all files in the tool regardless of version. Can be used to validate an update if any issues are suspected with the current files installed.



- OK**
= Continue
- C**
= Previous

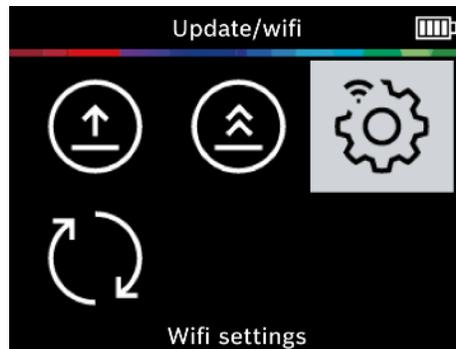
Fast Update

Only updates the files which have a newer version available, whether it's software, database, or programmable sensor packages.



- OK**
= Continue
- C**
= Previous

WiFi Settings



= Continue



= Previous

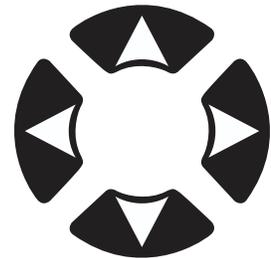
To begin searching for a WiFi network, select “WiFi Activated”, and change the value to **Yes**.



Press

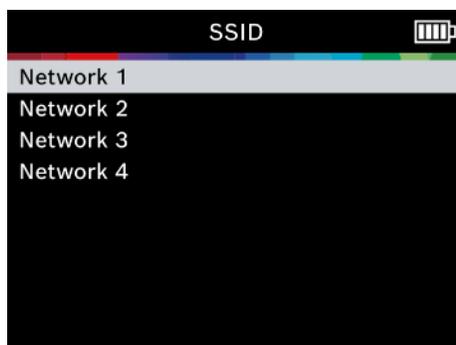


to select WiFi Activated setting. The selection turns red.



Use the up and down arrows to select Yes or No.

The tool will then display all local WiFi networks. Select the network you wish to use.



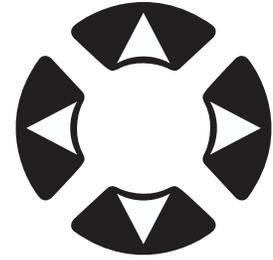
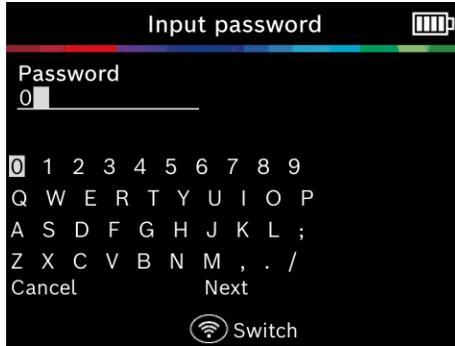
= Continue



= Previous

Enter the password for the selected network.

Once finished, select



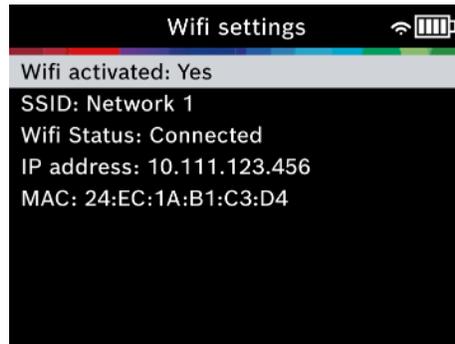
Use the arrows to enter the password.

Press

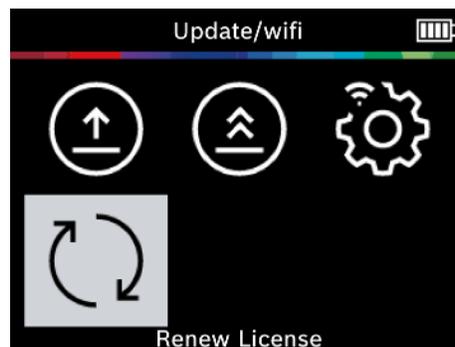


to select uppercase/ lowercase and special characters.

The tool will then connect to the selected WiFi network, and all information will be displayed.



Renew License



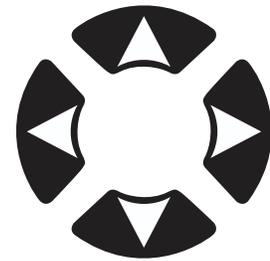
= Continue



= Previous

Enter license code.

Once finished, select



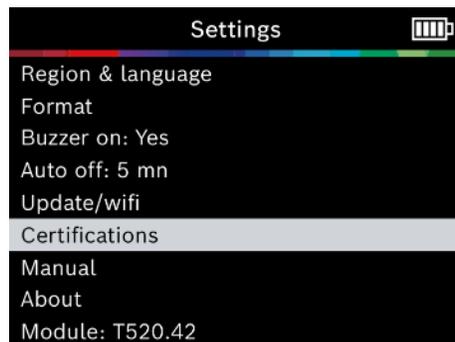
Use the arrows to enter the license code.

Press



to select uppercase/ lowercase and special characters.

4.6 Certifications

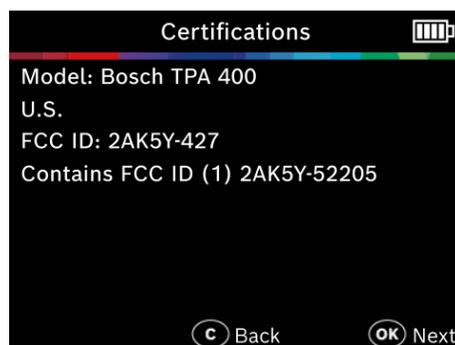


= Continue



= Previous

Shows the approvals e.g. for the US (FCC) and possible other countries.



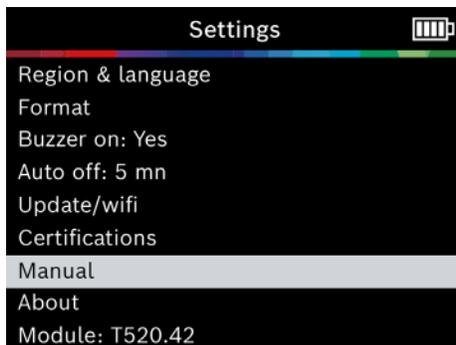
= Continue



= Previous

4.7 User Manuals

Shows a QR code that can be scanned to open the current user manuals.



-  = Continue
-  = Previous

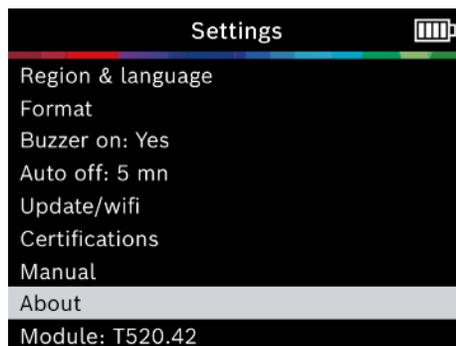
Scan the QR code with a mobile device to view the operating instructions in various languages.



-  = Previous

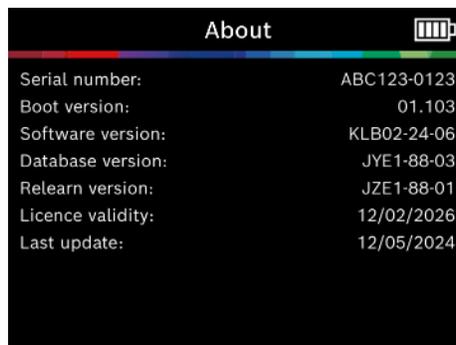
4.8 About

Displays the current version and information about the device.



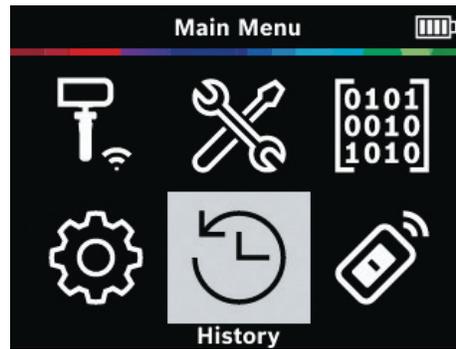
-  = Continue
-  = Previous

The tool displays the software version and license validity.



5. History

This feature is to list all the TPMS activities recorded in the tool.



= Continue

A list of recent jobs can be found here.

The screenshot shows the 'Recent Sensor Data' screen with a battery icon in the top right. It displays a table with three columns: 'Make/Model/Year', 'Date', and 'Reset'.

Make/Model/Year	Date	Reset
Acura/CSX/2012	9/27/2024	----
Volkswagen/Golf/2006-2011	9/24/2024	----
Toyota/Camry/2014	9/18/2024	----



= Continue



= Previous

View sensor information from past jobs.

The screenshot shows the 'Acura - CSX' screen with a battery icon in the top right. It displays a car diagram on the left and a table of sensor data on the right.

	ID	PSI	MHz	°F	Bat
LF	5B41017	32.4	315	74	OK
RF	5B41017	32.4	315	74	OK
RR	5B41017	32.4	315	74	OK
LR	5B41017	32.4	315	74	OK



= Continue

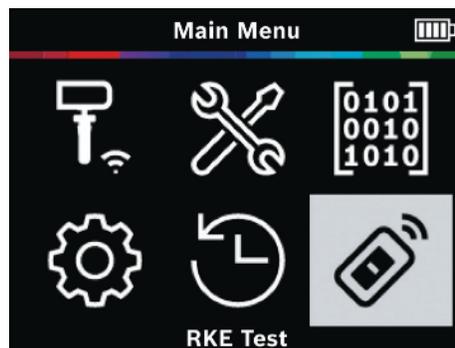


= Previous

6. RKE Test



This function is to test the strength of the RF signal of the RKE.



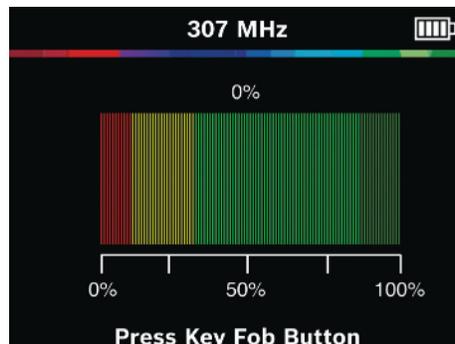
OK
= Continue

Select car manufacturer.



OK
= Continue
C
= Previous

Press and hold one of the RKE buttons to test signal.



Miscellaneous

1. Charging

Low Battery Indication

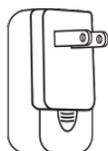
The tool incorporates a low battery detection circuit. Battery life is an average of 300 sensor tests per battery charge (approximately 60 to 80 vehicles) this may change following the sensor model.

Battery indicator status:

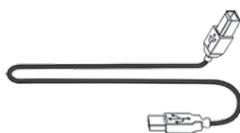


When low, icon is flashing and the tool will turn off after 10 s.

DO NOT use the tool with low battery status because the transmission and emission may not be reliable.



Battery Charger



USB A / USB B
connecting cable



USB B Socket

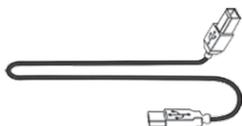
For charging the tool, directly plug the supplied USB A / USB B connecting cable to the tool and plug the supply in an appropriate outlet. The battery icon will change to reflect the charging status: 

2. Tool Update

Updating the TPMS Tool

As new coverage becomes available, it will become necessary to update the tool. Follow these steps below:

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



USB A / USB B connecting cable



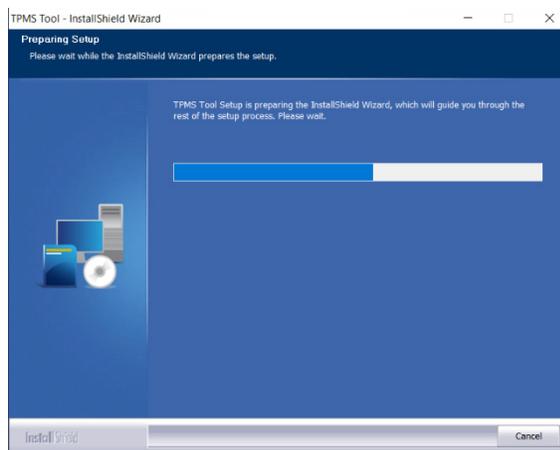
USB B Socket

2.1 Install “TPMS Tool” PC software

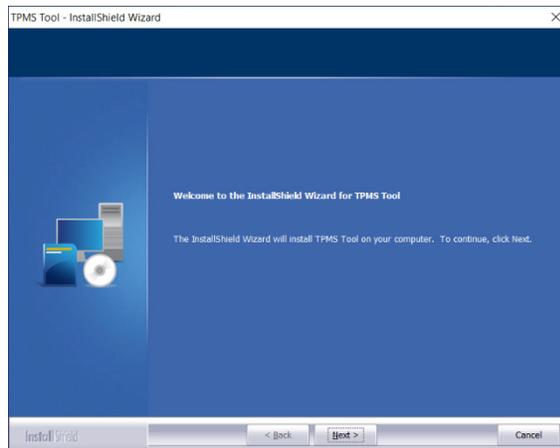
Step 1: Download the “TPMS Tool” PC software and store it in a local directory.

Download “[TPMS Tool](#)” PC software

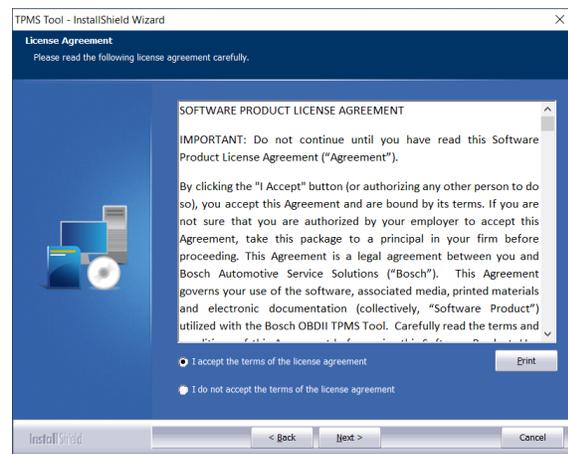
Unpack the file and execute the “SetupTpmsTool.exe” file as an administrator.



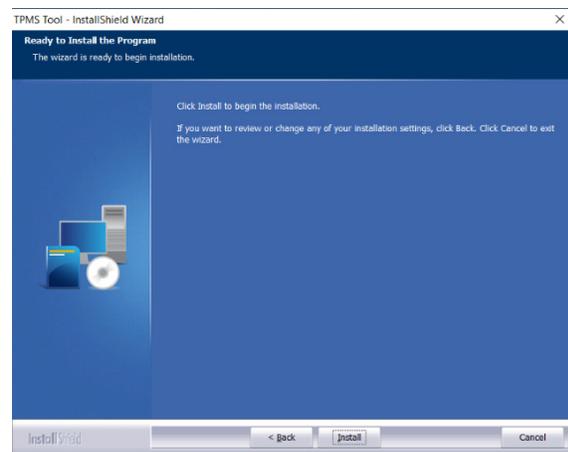
Step 2: Click “Next” to continue on the “Welcome to install Shield Wizard for TPMS Tool” screen.



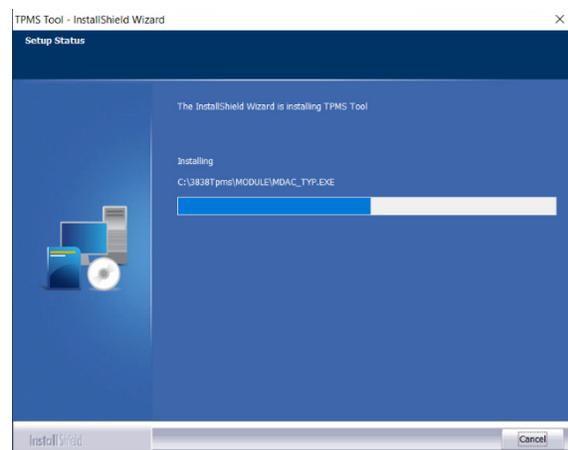
Step 3: Read the software product license agreement, select **“I accept the terms of the license agreement”** and click **“Next”**.



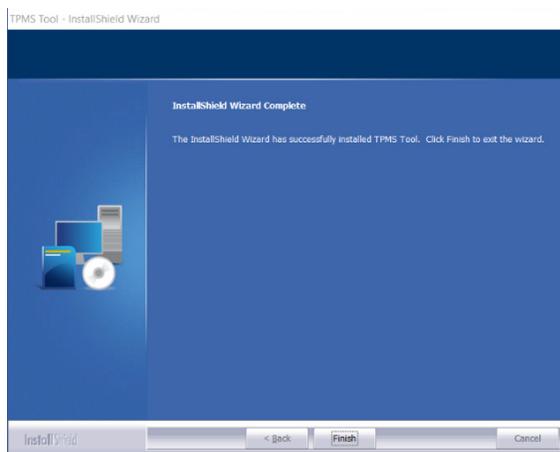
Step 4: Click **“Install”** to start the installation process.



Step 5: Wait until the software has completed the installation.



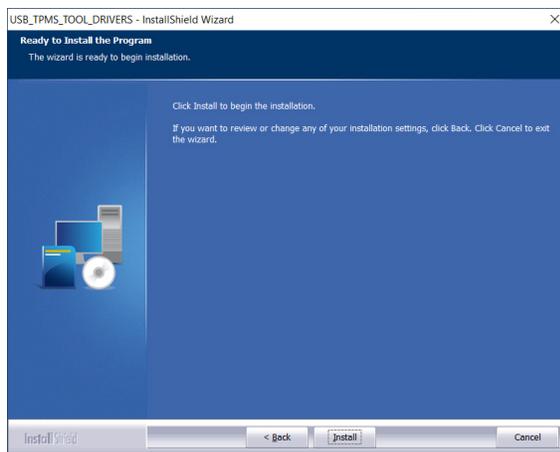
Step 6: Once installation is complete, click **“Finish”**.



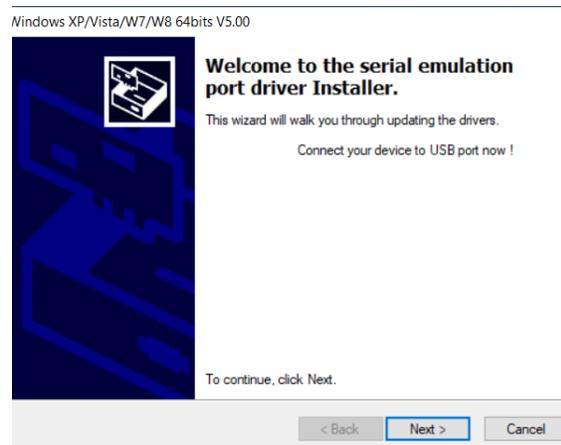
Step 7: Click **“Next”** to continue with **“Welcome to the InstallShield Wizard for USB TPMS Tool Drivers”**.



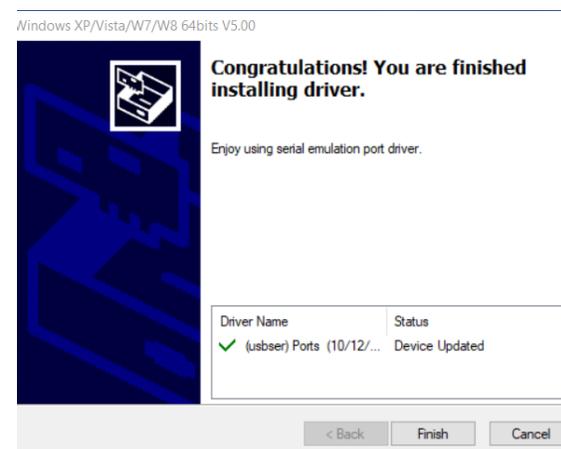
Step 8: Click **“Install”** to install the USB driver.



Step 9: Click **“Next”** to install the USB/serial emulation port driver.

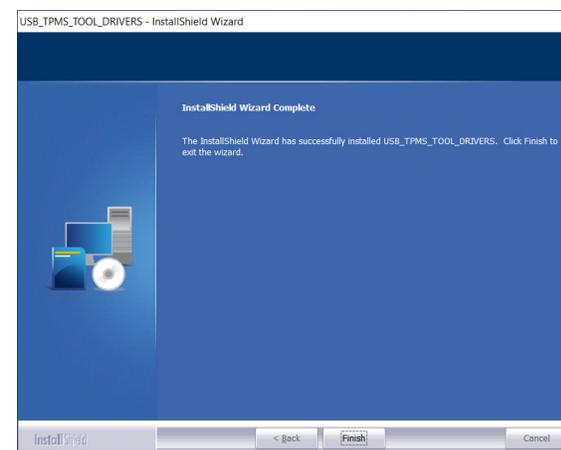


Step 10: The installation is complete, your tool is ready to use, click on **“Finish”**.



Step 11: Click **“Finish”** to close the installation window.

Note: *If prompted by Windows® security, click **“Continue anyway”**.*



2.2 PC Software for Tire Pressure Analyzer 400 updates

Step 1: Connect the USB connecting cable from the **TPMS Tool** to the **PC**, and turn the device on.

Step 2: Start the “TPMS Tool” PC software.



Note: When connected to a local network using a Proxy server, enter the local network Login and Password.

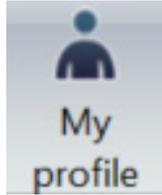


Step 3: Register the TPMS Tool

New tools are eligible for 36 months of free software updates from the purchase date. This allows access to new coverage and software enhancements.

Note: The tool can't be updated without prior registration.

Step 4: Registration Information



To register the product, Enter information in the fields, read the terms of service and privacy policy, then click **“OK”**. This information will be paired with the connected tool.

My profile ✕

Register to receive faster support and receive information about updates and new products

First name*

Last name*

Company

Email address*

Address

City / Town

Zip code*

State

Country*

Phone Number

*=Required field

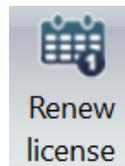
I agree to the [terms of service and privacy policy](#).

OK

Step 5: Renew Subscription

Call your distributor to purchase a new subscription code.

To enter the new subscription code, click on the **Renew License** button.



Renew license ✕

Please enter your license code.
To purchase a code, contact your supplier.

OK Cancel

Step 6: Main windows in the “My Tools” Tab

The software searches for the connected device. Once detected, the software connects to the Internet server and confirms if the connection is established.

TPMS Tool V1.0.8.0

My Tools My Jobs

My profile Update Upgrade Renew license Factory reset

Enable TPMS tool update
Remind me to register
Display splash screen

TPms Tool Internet service

Devices

TPMS tool (usb)

USB 39344319000011

TPMS tool information

Device	TPMS tool
Serial number	39344319000011
Software version	BTPA1-7-1949.1
Available version	BTPA1-7-1949.13
License	16 February 2028

Download status

Software version	Obsolete
TPMS database	Obsolete
Programmable sensors	Obsolete
Other content	Up to date

Transfer to PC 0 %

Transfer to device 0 %

Connectivity log

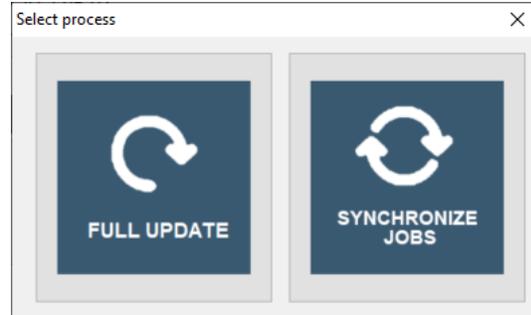
USB Device connected : 39344319000011

Step 7: TPMS Tool Update

When a device is detected, the software prompts with two choices:

Full Update: to update the device to the last version.

Synchronize jobs: to upload to the PC all the recorded jobs with the sensors data triggered.



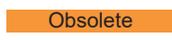
Step 8: TPMS Tool Information

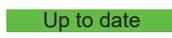
The license field indicates the status of the Tire Pressure Analyzer 400 software license.

 The tool license is valid.

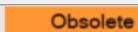
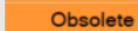
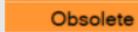
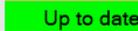
 The tool license is expired.

The Download status fields confirms the current software version installed into the Tire Pressure Analyzer 400 device.

 **Obsolete** The tool needs to be updated.

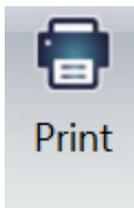
 **Up to date** The tool is up to date.

TPMS tool information	
Device	TPMS tool
Serial number	39344319000011
Software version	BTPA1-7-1949.1
Available version	BTPA1-7-1949.13
License	16 February 2028 

Download status		
Software version	 Obsolete	<input type="checkbox"/>
TPMS database	 Obsolete	<input type="checkbox"/>
Programmable sensors	 Obsolete	<input type="checkbox"/>
Other content	 Up to date	<input type="checkbox"/>

Step 9: Main windows in the “My Jobs” Tab

This is to display the sensors triggered by vehicle.
To print these results click on the Print icon.



The screenshot shows the TPMS Tool V1.0.0.0 software interface. The main window displays a job report for Bosch Service Garage. The report includes the following information:

- Workshop Name :** Bosch Service Garage
- Address :** Hauptstrasse 1, 72764 Reutlingen
- Phone :** +49 0153 123456789
- Service Report Number :** 05900006
- Time :** 12:00:23
- Date :** 08/01/2022
- Comments :**
- Tool serial number:** 3934162000825TP
- Customer name :** Max Mustermann
- Vehicle Identification :** VIN/Plate Number: WDB2020192F123456 M-AA564
- Vehicle Details:**

Make	Model	Year	Odometer reading
MERCEDES-BENZ	C Class (205)	2018	-
- Tire Sensor Data:**

Wheel	TPMS ID	Pressure	Temperature	TPMS Battery	Tread Depth
Left Front	0C77766	2.12 Bar	24 °C	OK	
Right Front	0C5F369	2.17 Bar	24 °C	OK	
Right Rear	0CFD7F	2.17 Bar	23 °C	OK	
Left Rear	0C3EB07	2.29 Bar	23 °C	OK	
Spare	-	-	-	-	

Print Example

The results will be printed like the following example.

Workshop Name : Bosch Service Garage

Address : Hauptstrasse 1, 72764 Reutlingen

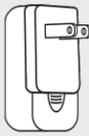
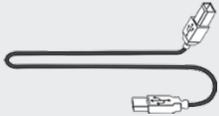
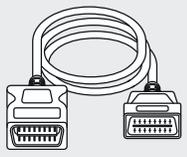
Phone : +49 0153 123456789

Service Report Number : 05900006	Time: 12:00:23	Date: 08/01/2022
Comments :		
Tool serial number: 3934162000825TP		

Customer name :	Max Mustermann		
Vehicle Identification :	VIN/Plate Number: WDB2020192F123456 M-AA564		
Make	Model	Year	Odometer reading
MERCEDES-BENZ	C Class	2018	-

Wheel	TPMS ID	Pressure	Temperature	TPMS Battery	Tread Depth
Left Front	0C77766	2.12 Bar	24 °C	Ok	
Right Front	0C5F369	2.17 Bar	24 °C	Ok	
Right Rear	0CFD7F	2.17 Bar	23 °C	Ok	
Left Rear	0C3EB07	2.29 Bar	23 °C	Ok	
Spare	-	-	-	-	

3. Spare and wearing parts

Item	Component	Image	Quantity	Part Number
1	Tire Pressure Analyzer 400		1	–
2	Battery Charger ^{<^)}		1	1 681 335 142
3	Connecting Cable USB A / USB B ^{<^)}		1	1 684 465 491
4	OBD Cable ^{<^)}		1	1 684 465 940

^{<^)} Wearing part

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Bosch Automotive Service Solutions (“Bosch”) warrants to the original retail buyer (“Buyer”) the products listed below (“Products”) to be free from defects in material or workmanship in accordance with the following:

PRODUCT:

Tire Pressure Analyzer 400 TPMS Reset tool

New Bosch Diagnostic Products are warranted against defects in materials and workmanship for one year from the date of registration.

EXCLUSIONS AND RESTRICTIONS

This warranty is only valid to the original purchaser of the Product and is not transferable to subsequent owners of the Product. The Buyer must register the Product. The warranty period begins on the date of tool registration. If your tool is not registered, no warranty services are offered. All warranty claims must be made within the warranty period and proof of purchase must be supplied. This warranty does not cover the cost of freight to return the Product to Bosch.

This warranty does not cover consumable items, including, without limitation, non-rechargeable batteries. Specifically excluded from this warranty are Products that have been abused, altered, opened, worn out, contaminated, used for a purpose other than that for which it was intended, or used in a manner inconsistent with instructions. This warranty does not cover battery leakage.

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USA: 1 (855) 267-2483

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- Developing new products and services;
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Bosch Automotive Service Solutions Inc.
655 Eisenhower Drive
Owatonna, MN 55060
Phone: (855) 267-2483
Fax: (507) 455-7451

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6. Important Notes



Before commissioning, connecting and using Bosch products, it is essential to go through the operating instructions and the safety instructions, in particular, with great care. By doing so, any uncertainties about handling Bosch products and any safety risks associated with them can be eliminated in the interest of the user's safety and in order to make sure to prevent any damage to the product. Should a Bosch product be passed on to another person, the operating instructions as well as the safety instructions and the information on its intended use must be handed over as well.

6.1 User group

The product may only be used by trained and instructed personnel. Personnel scheduled to be trained, familiarized, instructed or to take part in a general training course may only work with the product under the supervision of an experienced person.

All work on electrical and hydraulic equipment may only be performed by persons with sufficient knowledge and experience of electrical and hydraulic systems.

Children must be supervised to make sure they will not play with the Tire Pressure Analyzer 400.

6.2 Agreement

By using the product, you agree to the following terms:

Copyright

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Warranty

The use of unapproved hardware and software will result in a modification of our product and thus to the exclusion of any liability or warranty, even if such hardware and software have been removed or deleted again in the meantime. No modifications may be made to our products. Our products may only be used in conjunction with original accessories and original spare parts. Failure to comply will void all warranty claims. This product may only be operated using operating systems approved by Bosch. If the product is operated with an operating system other than the approved one, our warranty becomes void. The obligation arising from our terms of delivery is thereby rendered void. Furthermore, we will not be held liable for damage and consequential damage incurred through the use of a non-released operating system.

7. Information on battery safety and the charging process

Read these safety instructions and warning notices before using or charging the lithium polymer storage batteries.

Operational environment

Tire Pressure Analyzer 400 if its use is forbidden or if it could cause malfunctions or hazards. Only use the Tire Pressure Analyzer 400 in its normal operating settings. Tire Pressure Analyzer 400 and its extensions may contain small parts. Keep them out of the reach of small children.

About charging

Only use the battery charger supplied with the Tire Pressure Analyzer 400. Using a different battery charger can lead to malfunctions and/or hazards. Once the red LED goes out, the charging process is complete.

About the battery charger

Do not use the battery charger in an environment with high humidity. Never touch the battery charger with wet hands or feet. When using the battery charger, make sure that there is adequate ventilation around the Tire Pressure Analyzer 400. Do not cover the battery charger with paper or other object that may impair cooling. Do not use the battery charger while it is inside a carrying case. Connect the battery charger to a suitable power source. The voltage requirements can be found on the product housing and/or the packaging. Do not use the battery charger if the wires are damaged. Do not try to maintain the Tire Pressure Analyzer 400. There are no maintenance parts on the inside. Replace the Tire Pressure Analyzer 400 if it is damaged or has been exposed to excessive humidity. This battery charger is not a toy and should not be used by children or infirm persons without adequate training or supervision. Do not use it as a power source. Disconnect the mains plug before attempting to clean the Tire Pressure Analyzer 400.

About the battery

CAUTION: *The Tire Pressure Analyzer 400 contains an internal lithium polymer storage battery. The battery may burst or explode and release dangerous chemicals. To reduce the risk of a fire or burns, do not disassemble, crush or puncture the battery, or throw the Tire Pressure Analyzer 400 into fire or water, short-circuit the contacts, or short-circuit with a metal object.*

NOTE: *For replacing the internal lithium polymer storage battery get in contact with your local dealer. Replacing the battery must be done by trained service technicians.*

Opening the tool will void the warranty.

Use the specified battery charger supplied by **BOSCH** for this Tire Pressure Analyzer 400.

Safe use of lithium polymer batteries

The Tire Pressure Analyzer 400 **MUST** be placed on a fireproof surface (ceramic plate or metal box) during charging.

ONLY charge the lithium polymer storage battery with the supplied battery charger.

NEVER use a Ni-MH type battery charger (nickelmetal hydride) to charge a lithium polymer storage battery.

If the battery starts to heat up to more than **60 °C** (140 °F), **STOP** the charging process **IMMEDIATELY**. The battery temperature should **NEVER** exceed **60 °C** (140 °F) during charging.

NEVER charge the storage battery directly after using it and while it is still hot. Let it cool down to ambient temperature.

If the storage battery emits smoke or liquid during the charging process, stop charging immediately.

Disconnect the battery charger and place the Tire Pressure Analyzer 400 in an isolated area for at least 15 minutes. **DO NOT CONTINUE TO USE THE BATTERY** and instead return the Tire Pressure Analyzer 400 to the dealer.

Have a fire extinguisher for electrical fires ready while charging the storage battery. In the unlikely event that the lithium polymer storage battery ignites, **DO NOT** use water to extinguish the fire, instead use sand or the fire extinguisher described above.

The lithium polymer battery must be neutralized. The neutralization process must be carried out under strict safety conditions. It is recommended to return the Tire Pressure Analyzer 400 so that it can be passed on to a specialist recycler.



Do not dispose of lithium polymer batteries in general trash.

The lithium polymer storage battery is not suitable for children under 14 years of age. Keep the lithium batteries out of the reach of children.

To avoid leakage or other hazards, do not store batteries above **60° C** (140° F). Never leave the battery in a car (for example), where temperatures can be very high, or in a location where the temperature could exceed **60° C** (140° F). Store the battery in a dry location and avoid contact with liquids of any kind. Only store the storage battery on a fireproof, heat-resistant, non-conductive surface and away from all combustible materials or sources. Always keep the battery out of the reach of children.

A lithium polymer storage battery should be stored with a minimum charge of **30 %**. If stored completely empty, it will quickly become unusable.

If the battery is not used over an extended period of time, charge it regularly (every 6 months) to reach the minimum charge of **30 %**. If these safety precautions are not followed, serious personal injury, property damage and even fire may result.

BOSCH declines all responsibility for damage caused by failure to follow these safety instructions.

The use of a lithium polymer battery carries a high risk of fire and can cause serious damage to property and persons. The user agrees to assume the risk and responsibility.

BOSCH cannot control the proper use of the battery for each customer (charging, discharging, storage, etc.); they cannot be held responsible for personal injury or property damage.

8. Disposal and scrapping



The Tire Pressure Analyzer 400 is subject to the European directive 2012/19/EC (WEEE).

Dispose of used electrical and electronic devices, including cables, accessories and batteries, separately from household waste.

- Use local collection and return.
- Proper disposal of Tire Pressure Analyzer 400 prevents environmental pollution and possible health hazards.

9. RED (Radio Equipment Directive)

Hereby, the Robert Bosch GmbH declares that (the radio equipment type) Tire Pressure Analyzer 400 conforms to the directive 2014/53/EU. The complete text of the EU Declaration of Conformity is available on the following Internet site:

Tire Pressure Analyzer 400: <https://bosch-ma.com/doc-tpa400>

10. Federal Communications Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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.

11. ISED Canada Statement

This device contains license-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

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

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement:

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 10 cm between the radiator & your body.

Déclaration d'exposition aux radiations: Cet équipement est conforme aux limites d'exposition aux radiations définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 10 cm entre l'élément rayonnant et votre corps.

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