



TPA 300 User Guide



BOSCH

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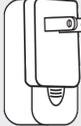
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TPA 300 Introduction

1 Specifications

Battery Type:	3.000 mAh rechargeable lithium-polymer battery
Battery Life:	Approximately 300 activations per full charge
Dimensions (Max. L,W,D):	7.04" x 3.92" x 1.40" (178.9 mm x 99.7 mm x 35.8 mm)
Case Material:	High Impact ABS
Response Frequency:	Main frequencies: 315 MHz and 433.92 MHz
Low Battery Indication:	LCD bar graph display
Weight:	Approx. 0.72 lbs. (328 grams)
Temperatures:	Operating: -4° F to 131° F (-20° C to +55° C) Storage: -40° F to 140° F (-40° C to +60° C)
Operating Altitude:	Up to 6560 ft (2000 m)
Screen:	2.8" display
Warranty	1 year

2 Product Content

Item	Kit Component	Image	Quantity	Part Number
1	Bosch TPA 300 Tool		1	NA
2	Quick Start Guide		1	1699502722
3	Wall Charger		1	3934-02
4	USB B Cable		1	3934-01
5	USB Key with PC Software		1	3939-04
6	Carrying Case		1	NA

3 Important Safety Instructions

Do not discard. Retain for future reference.

This device complies with Part 15 of the FCC Rules
Operation is subject to the following two conditions:

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

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

Individuals that have pacemakers should never use this product.



⚠ WARNING:



Do not use on live electrical circuits.

Must read instructions before use.

Wear safety glasses. (user and bystanders).

**Read the Warranty, Safety and Recycling information
on page 6 and at the end of this user guide.**

4 Safety Precautions

READ THESE INSTRUCTIONS BEFORE USING

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

All **TPMS TOOLS** are intended to be used only by qualified and trained automotive technicians or a in light industrial repair shop environment. **Read all instructions below before using. Follow all these safety instructions and those in the back of this manual. If you have any questions pertaining to the safe or reliability use of this tool, please call technical support.**

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

▶ **Read All Instructions**

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

▶ **Retain Instructions**

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

▶ **Heed Warnings**

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

▶ **Cleaning**

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

▶ **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.

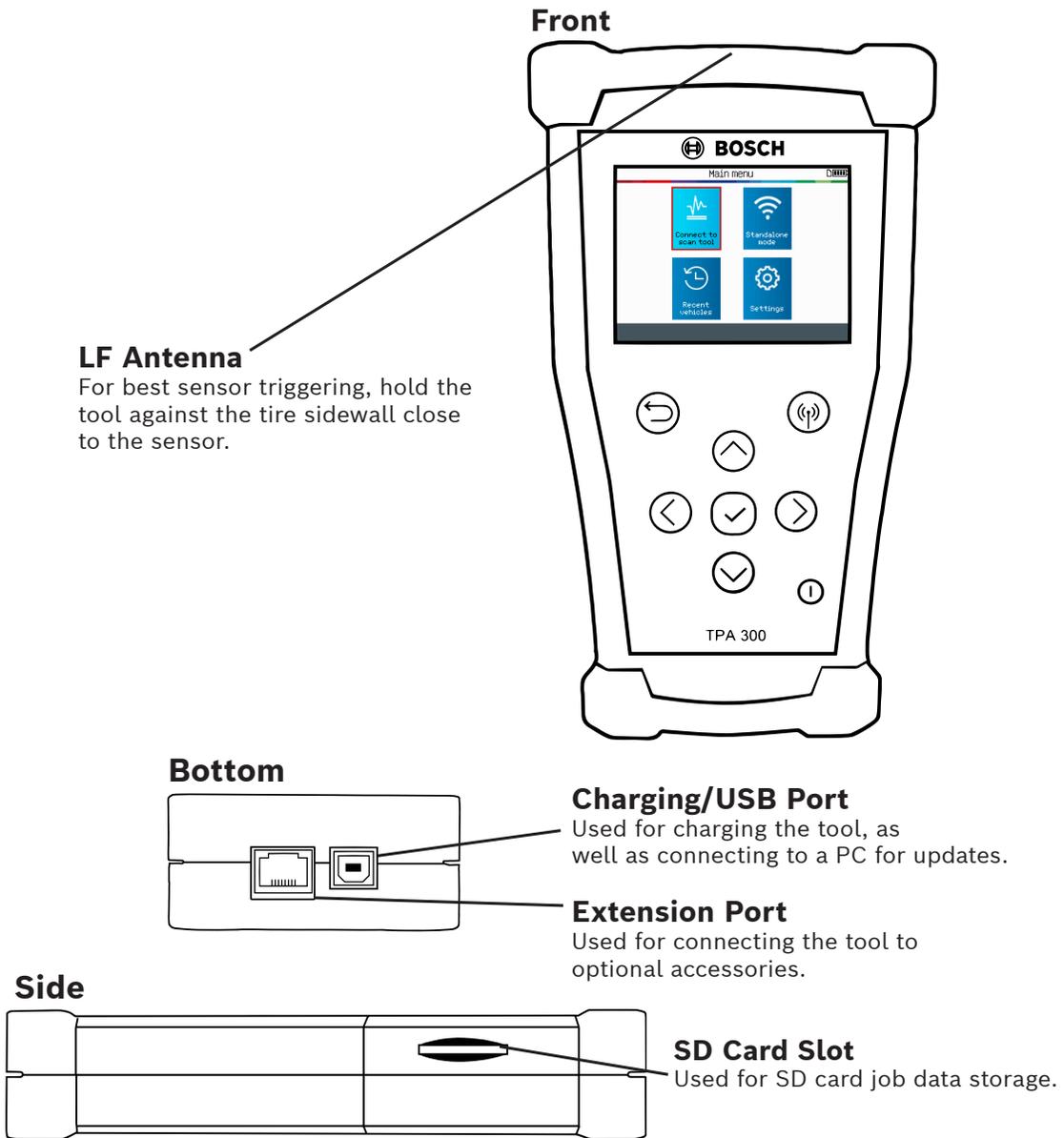
▶ **Storage**

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

▶ **Risk of Fire**

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

5 TPA 300 Overview



6 Function Keys

	Power ON /OFF switch		Test or trigger sensor
	Next, continue or confirm		Cancel, previous step
	Up		Down
	Left		Right

7 Header Icons



The tool is connected to PC via USB cable.



The tool is connected via Bluetooth to the BOSCH scan tool.



The tool is connected to an optional module.



SD card is inserted.



Battery status.

8 Bottom Icons



Main Menu - display the Main Menu.



Delete - delete the sensor data displayed.



Edit Info - allow the user to input the job information.



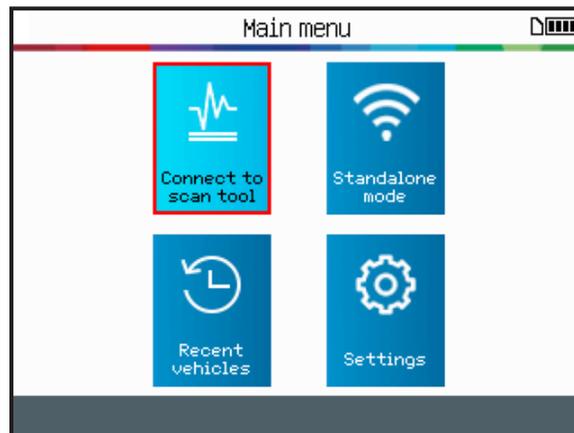
Program - jump to the Program Sensor function.



Keyfob Test - jump to the Key Fob test function.

9 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.

10 Operating Instructions

10.1. TPA 300 Overview

The Bosch TPA 300 offers the versatility to work in conjunction with a Bosch scan tool or as a stand-alone TPMS tool.

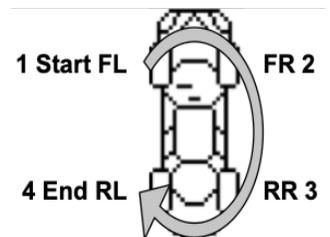
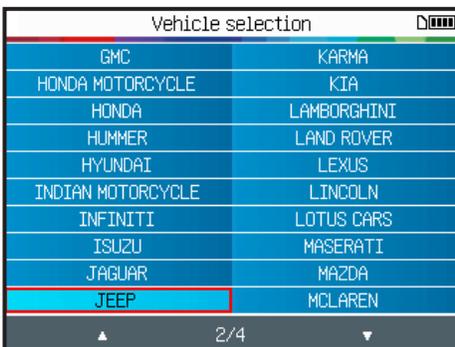
Stand-alone mode can be used to read, program and copy TPMS sensors, test RKE (Remote Keyless Entry), save and retrieve jobs, and setup the tool.

Connect to scan tool mode offers the ability to connect wirelessly to a Bosch scan tool and to register the TPMS sensors' IDs into the vehicle ECU.

10.2. Service Procedure

Section 1 - Read Sensor Test

Before servicing the tires/wheels, using the TPMS tool, trigger each of the vehicle's sensors to make sure they are working properly. Either use the standalone or the connect to scan tool mode to select the make, model, and year of the vehicle.



Step 1: Select the Make, Model, Year of the vehicle.

Step 2: Hold the tool facing the tire flank near the valve.

Step 3: Read all the sensors starting from front left.

This will eliminate the liability associated with replacing previously damaged or defective sensors. This procedure will not change the vehicle settings because the vehicle has yet to be put into learn mode. This procedure quickly identifies damaged or defective sensors, because some vehicles do not report a damaged or defective sensor condition on the instrument cluster for up to 20 minutes.

Note: With some vehicles, if the vehicle is in “learn mode” the vehicle will also confirm that the TPM sensor has communicated to the ECU with a series of horn beeps.

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

For vehicles that require relearn procedure, see Section 2 on page 10.

Section 2 - Relearn TPMS Systems

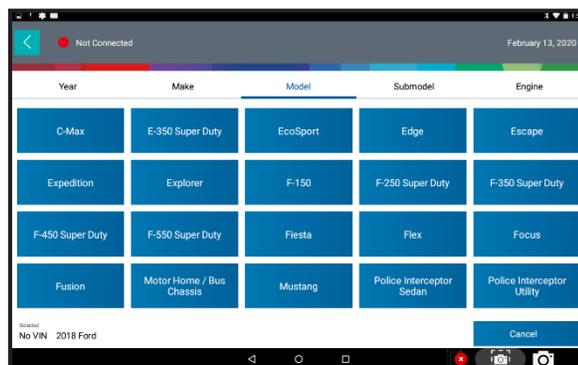
After selecting the Make-Model-Year of the vehicle, the tool systematically displays which relearn procedure is required for that particular vehicle: automatic, manual or scan tool (OBDII) relearning procedure.

For manual and scan tool (OBDII) relearn procedures, follow the instructions displayed on the tool screen. For vehicles with an automatic relearn procedure, where the TPMS system is automatically reset when driving the car, it is recommended to trigger each wheel sensor one final time, to make sure they are in correct working order.

A scan tool (OBDII) relearn requires the use of a Bosch scan tool paired with the TPA 300. Follow the dedicated section in this user manual (pg 38) to do the pairing procedure for the first time. When the two tools are already paired, use the “Connect to scan tool” mode from the TPA 300 main menu. All the other steps – except the sensor reading – are made directly from the Bosch scan tool.



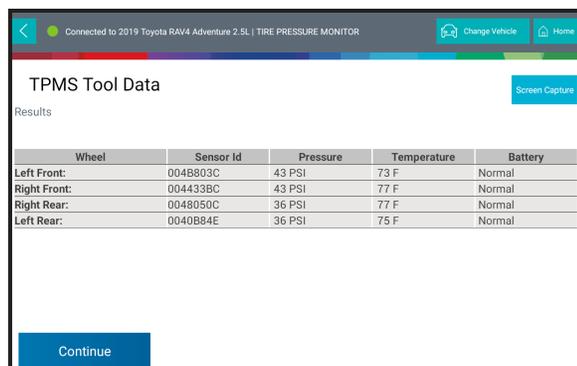
Step 1: Put the TPA 300 into “Connect to scan tool” mode.



Step 2: Select the make, model, year of the vehicle from the scan tool menu, using Auto Id or Manual method. Then choose maintenance test, or special tests, then choose TPMS Registration.



Step 3: With the TPA 300, read all the sensors starting from front left.



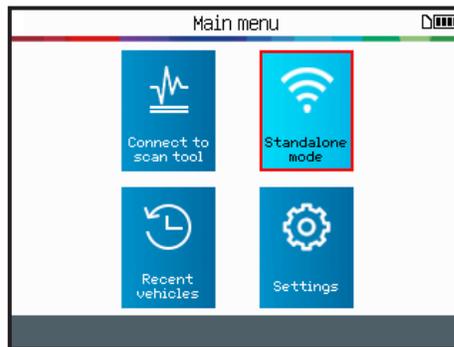
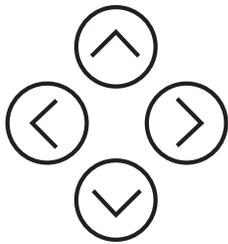
Step 4: Follow the scan tool on-screen procedure to register the sensors ID's into the vehicle's ECU.

TPA 300 Standalone Mode

IMPORTANT:

TPA 300 Standalone Mode is used to read, program and copy TPMS sensors, test remote keyless entry (RKE), save and read recorded jobs, and setup the tool. To register the TPMS sensor ID's into the vehicle ECU, use the TPA 300 Connect to scan tool mode. See this user manual dedicated section to learn how to operate this mode.

Select Standalone Mode



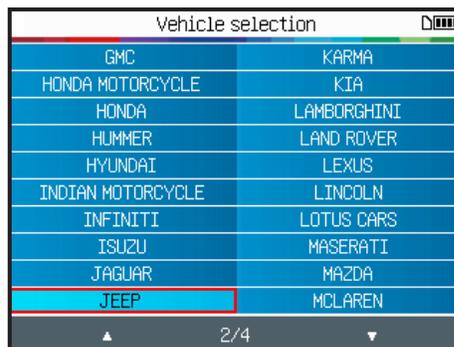
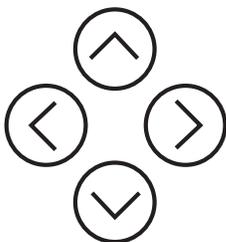
1 Check TPMS Sensors

This mode is to trigger all the TPMS sensors on the vehicle.

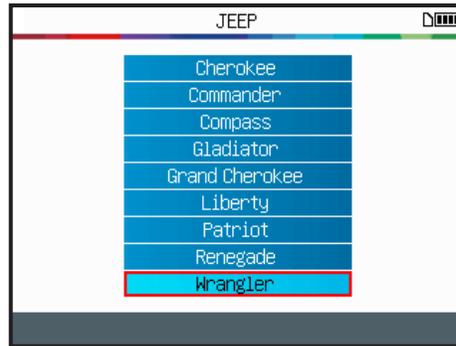
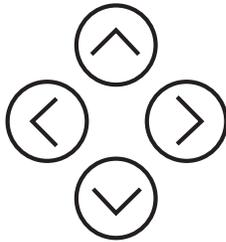
IMPORTANT: For best sensor triggering, hold the tool against the tire sidewall right above the sensor.



1.1 Select Vehicle Manufacturer



1.2 Select Vehicle Model

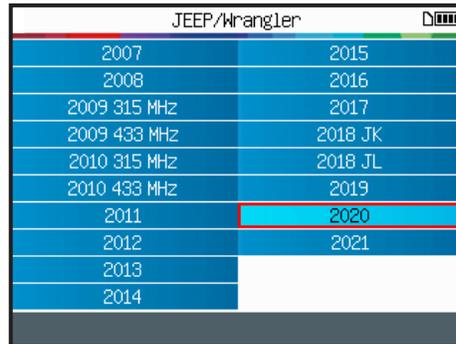
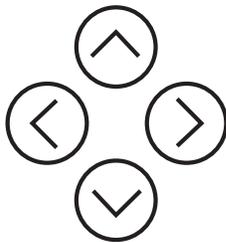


Continue



Previous

1.3 Select Year



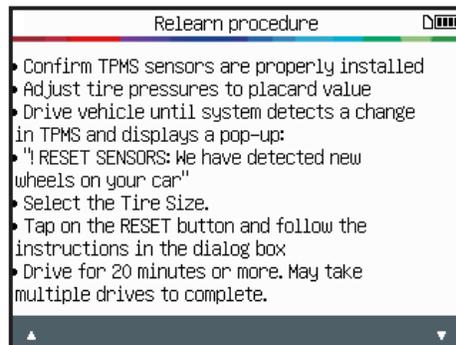
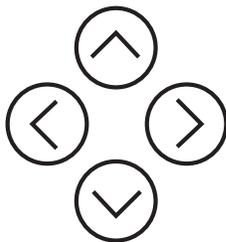
Continue



Previous

1.4 Read Relearn Procedure

Depending on the selected make/model/year vehicle, the tool displays which relearn procedure is required: automatic, manual or scan tool (OBDII) relearning procedure. Read the relearn procedure, then press continue when ready.



Continue



Previous

Automatic procedure example

1.5 Select Number of Wheels

On some vehicles, the tool will request to confirm the number of wheels fitted with TPMS sensors.



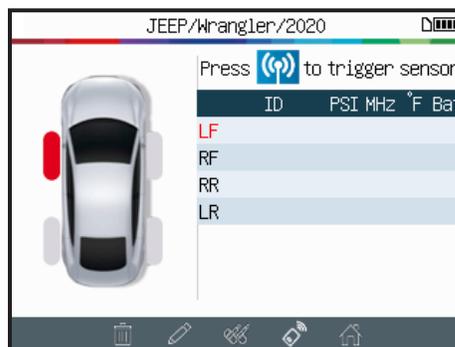
Continue



Previous

1.6 Test Sensors

The tool is now ready to trigger sensors.

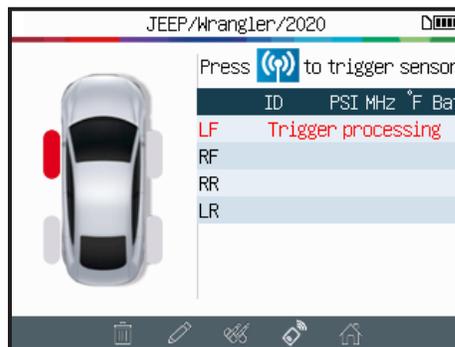


Trigger Sensor

Start by reading the Left Front sensor.



Left Front



Please wait during the triggering process.

The first sensor has been read successfully.

The tool will automatically advance to the next wheel.



Scroll wheels if needed



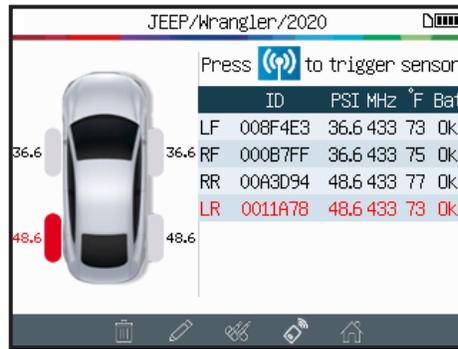
Right Front



Right Rear



Left Rear



Exit and record the job

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



Main Menu



Input the client detail information.



Delete the sensor data displayed.



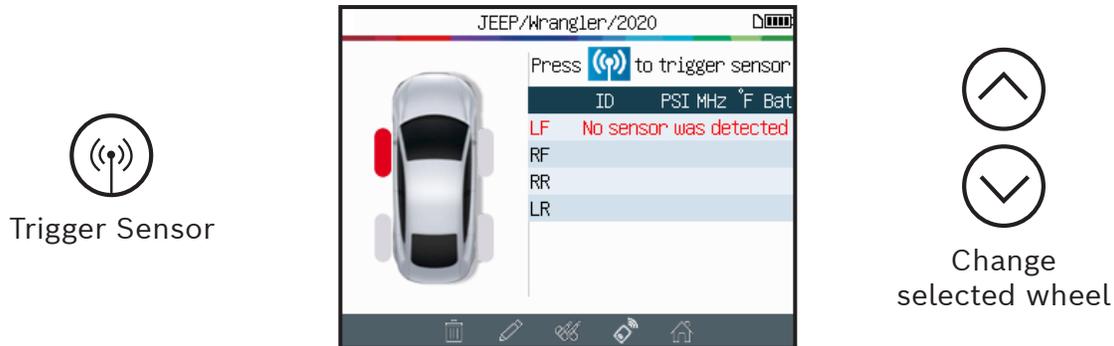
Program Sensor function.



Key Fob test function.

1.7 Sensor Reading Problems

If the tool has problems reading sensors, use the troubleshooting guide below.



The tool has not detected a sensor. Try again.

TPMS sensor reading problems – Troubleshooting guide

- 1) The vehicle **has no TPMS sensors** even if a metal stem is present. For example, Schrader valves can look the same as TPMS valves.
 - ▶ Check for the presence of TPMS sensors on the vehicle. Use the TPMS tool to check the **type of TPMS valve** (direct or indirect) that is mounted on the vehicle. Note: **Indirect TPMS** systems operate **without sensors mounted in the tires**.
 - ▶ If the vehicle was **not originally fitted with TPMS sensors**, the tool will display **“Indirect TPMS.”**
- 2) The **TPMS sensor or ECU** may be **damaged** or **defective**.
 - ▶ Check all these elements separately in order to eliminate the possible problem.
- 3) The **TPMS** sensor only responds to a certain **frequency**.
 - ▶ Check the communication frequency of the vehicle’s TPMS sensors. This is generally 433 MHz for Europe and 315 MHz for the United States and Japan. Ensure the vehicle is not a vehicle imported from another region since it may be set to a different frequency.

4) The **TPMS sensor** mounted in the tire is not the **correct type for the vehicle**.

- ▶ Each vehicle model can be fitted with a different style or type of TPMS sensor. Ensure programmable sensors are the correct type to be programmed for the make and model of vehicle.

5) Your **TPMS** tool may require a software update.

- ▶ If the vehicle is not be listed in the TPMS tool, simply update your device using the TPMS Tool PC software. Refer to the dedicated section on page 47 of this user manual for this.

6) The **TPMS** tool is damaged or defective.

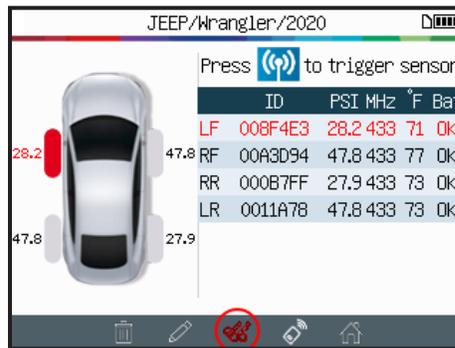
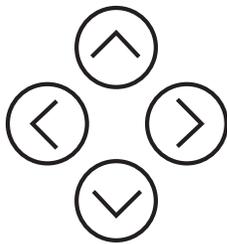
- ▶ If the TPMS tool is damaged or defective, contact Bosch Technical Support at 1-855-267-2483 or contact your local distributor.

2 Program TPMS Sensors

The TPA 300 works with most known aftermarket universal programmable sensors, with the option to create new sensor ID's and/or duplicate sensor ID's from the original sensor(s).

To access the program sensor function, start by selecting the Make/Model/Year of the targeted vehicle.

Go to the program sensor icon  located at the very bottom of the trigger screen (see directly below) to open the Program Sensor function.



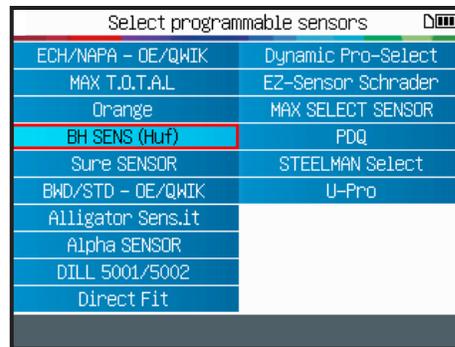
Continue



Previous



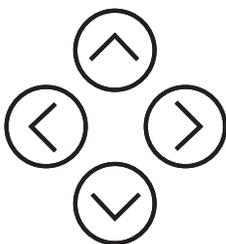
Select the programmable sensor brand.



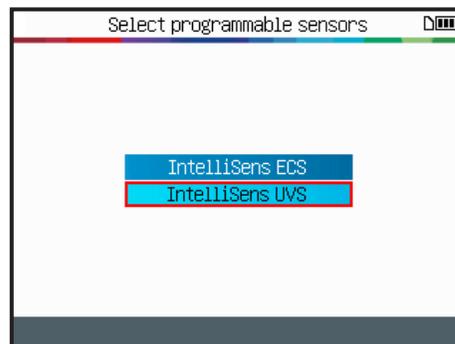
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Previous



Select a programmable sensor model.



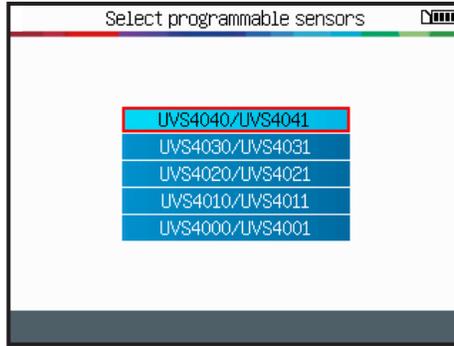
Continue



Previous



The available sensors are displayed, select the one that is being used.



Continue



Previous

2.1 Create Sensor

This section is to create a Make / Model / Year specific sensor if the “old” sensor can’t be cloned. The new sensor ID(s) are generated by the tool, and may not be the same as the original one. A TPMS reset is required when replacing new sensors. See Section 2 on page 17.



Select the **Create** option.

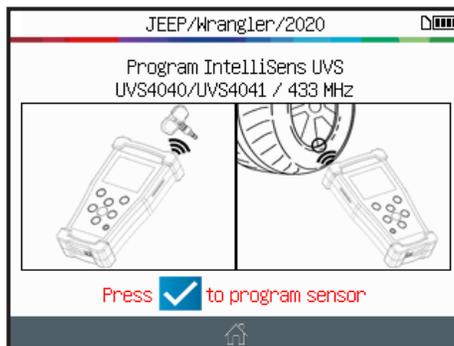


Continue



Previous

Position the sensor in front of the tool antenna to send an ID to the blank sensor.

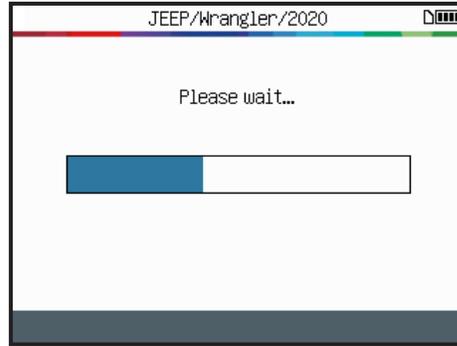


Program



Previous

Wait a few seconds during the programming process.

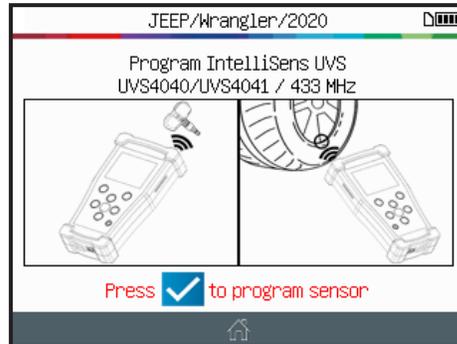


The tool confirms the new sensor ID has been successfully created.



 Continue

The tool is now ready to create another new sensor (if applicable).



 Program a new sensor

 Abort and go home

Programming Issue:
In case of an ID transfer issue, the following message will appear, try again.



 Start again

 Previous

2.2 Copy Sensor

This section is to recover a sensor ID for an old/existing sensor.



Select the **Copy** option.

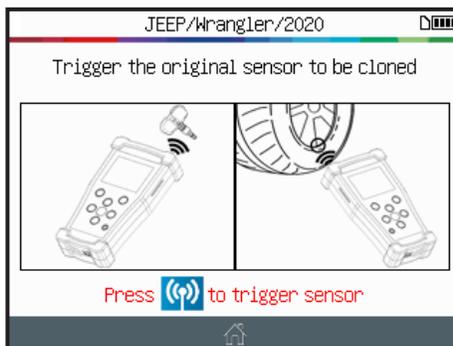


Continue



Previous

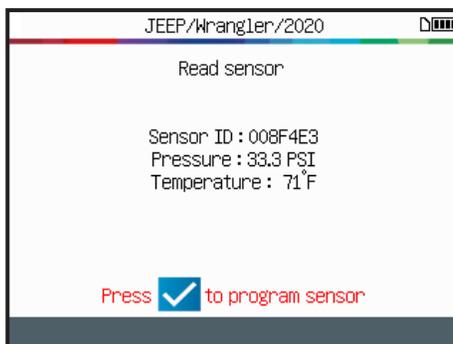
Position the old sensor to copy in front of the tool antenna.



Read sensor

The tool will read the old sensor, wait a few seconds.

After a short period the sensor data is displayed.



Continue



Previous

Position the blank sensor in front of the tool antenna to send the existing ID to the new sensor.

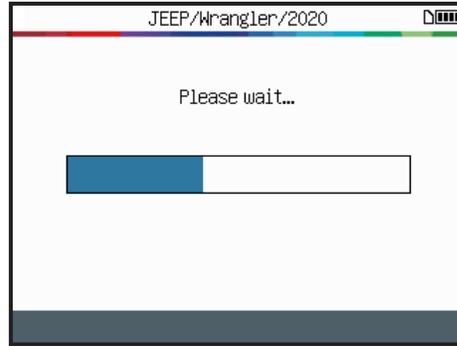


Program the new sensor



Abort and go home

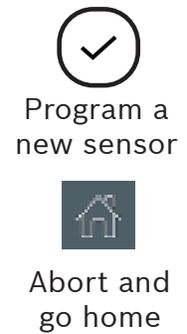
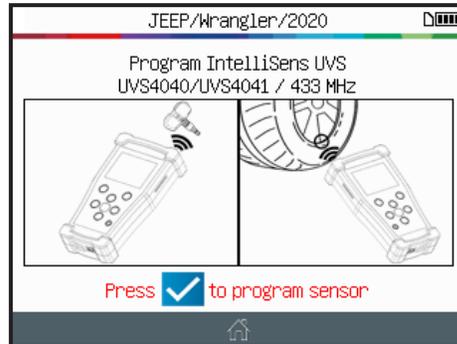
Wait a few seconds during the programming process.



The tool confirms the new sensor ID has been successfully created.



The tool is now ready to create another new sensor (if applicable).



Programming Issue:

In case of a programming issue, read the message and follow the instructions.

After applying the changes, start again.



2.3 Copy Set

This section is to copy a complete set of sensor IDs and transfer them to blank sensors. This option can be used to create a set of winter tires, for example.



Select the **Copy Set** option.

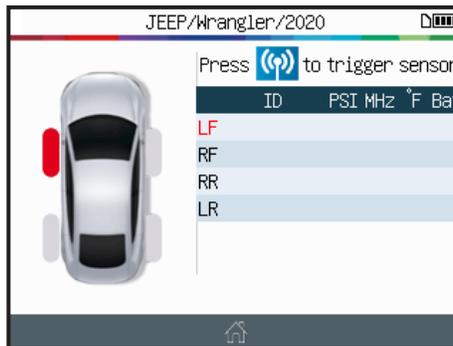


Continue



Previous

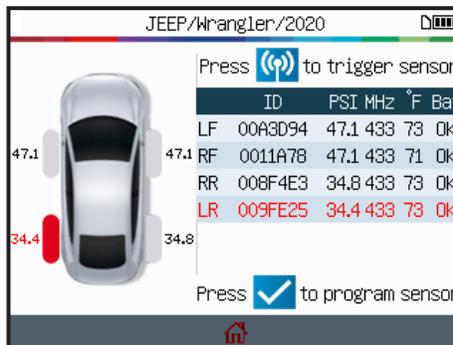
Read all the vehicle sensors, starting by the LF (Left Front) sensor.



Read sensors

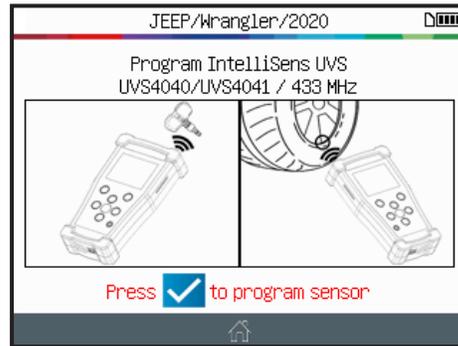


Select the first blank sensor to program.



Continue

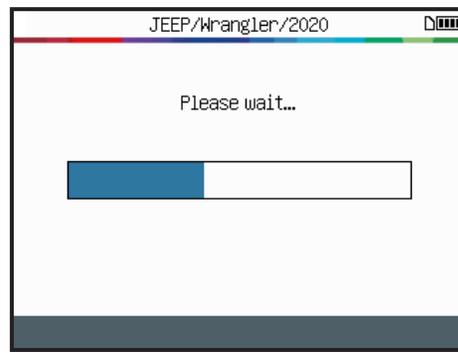
Position the blank sensor in front of the tool antenna to send the existing ID to the new sensor.




Program a new sensor


Abort and go home

Wait a few seconds during the programming process.

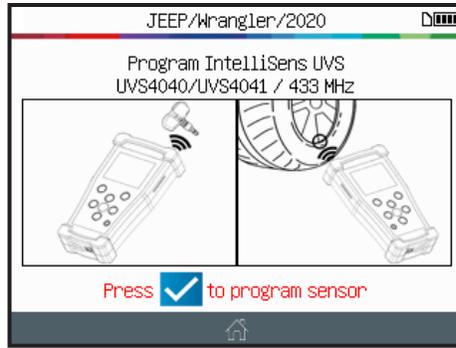


The tool confirms the new sensor ID has been successfully created.




Continue

The tool is now ready to create another new sensor (if applicable).



Program a new sensor



Abort and go home

Programming Issue:

In case of a programming issue, read the message and follow the recommendations.

After applying the changes, start again.



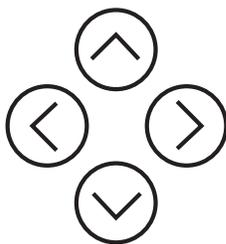
Start again



Previous

2.4 Manual ID

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) this depends of the type of sensor.



Select the **Manual** option.



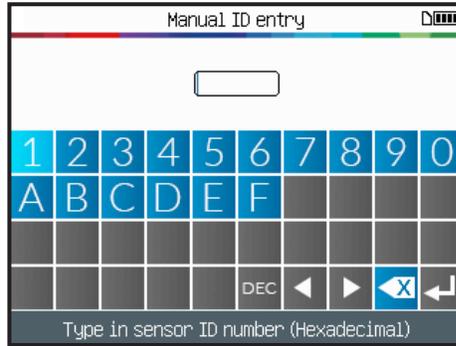
Continue



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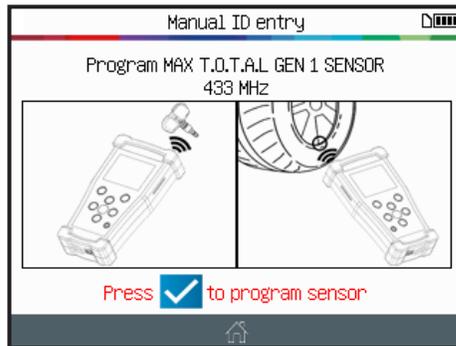
Use the virtual keyboard to enter the sensor ID of the damaged sensor.

Ensure to enter only a valid sensor ID in the correct format (decimal or hexadecimal).



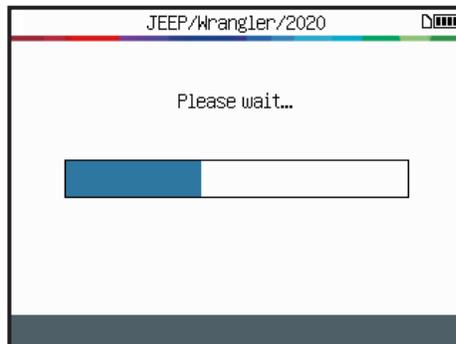
Send the new ID to the sensor

Position the blank sensor in front of the tool antenna to send the ID to the new sensor.



Program the sensor

Wait a few seconds during the programming process.



Continue to wait while the sensor is being reprogrammed.



Continue

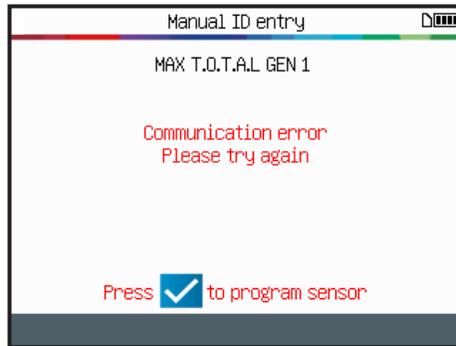
The tool is now ready to program a new sensor (if applicable).



Programming Issue:

In case of a programming issue, read the message and follow the recommendations.

After applying the changes, start again.



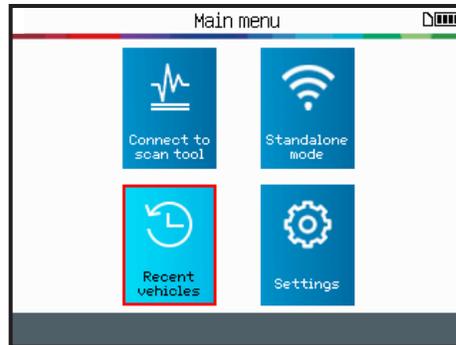
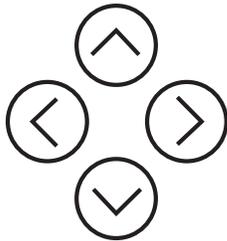
Start again



Previous

3 Recent Vehicles

This feature lists all the TPMS activities recorded in the tool.



Continue

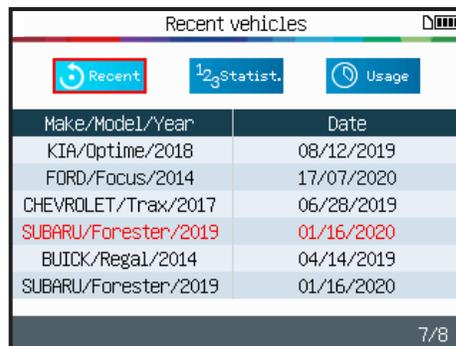


Previous

3.1 Recent Vehicles



Select the recorded vehicle to display.



Continue

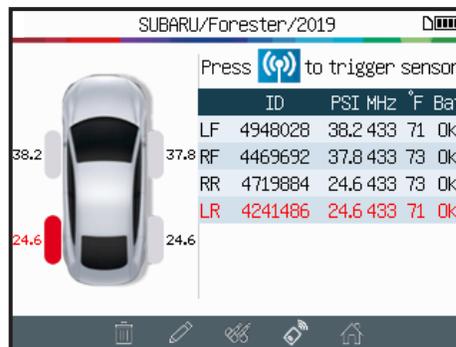


Previous

The screen displays the details of the selected vehicle.

The last known state of the TPMS sensors appears.

It is possible to activate the TPMS sensors from this screen.



Trigger Sensors



Previous

3.2 Statistics



Select the **Statistics** option.

Recent vehicles	
Recent	Statist.
Usage	
Make	Triggers
BMW	10
JEEP	60
RETROFIT	7
SUBARU	93
TESLA	6
VOLKSWAGEN	25



Continue



Previous

3.3 Usage



Select the **USAGE** option.

Recent vehicles	
Recent	Statist.
Usage	
Serial Number	: 3934431900012
Number of power cycles	: 154
Number of triggers	: 202
Number of softwares updates	: 3



Continue



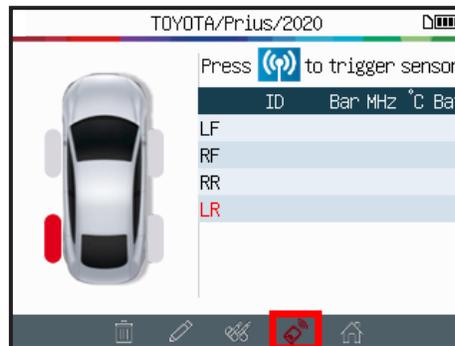
Previous

4 Key Fob Test



This function tests the strength of the RF signal of the key fob.

Click the key fob icon.



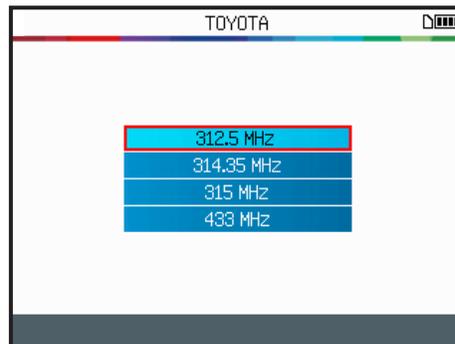
Continue



Previous



Select the key fob frequency depending on your region.

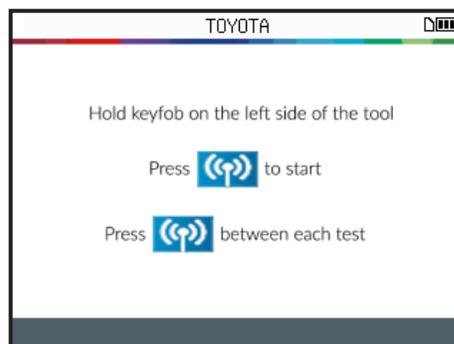


Continue



Previous

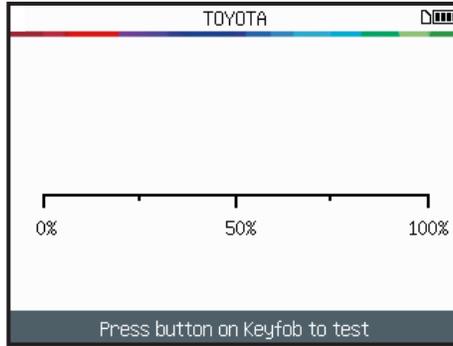
Read instructions, and wait a few seconds for the next screen.



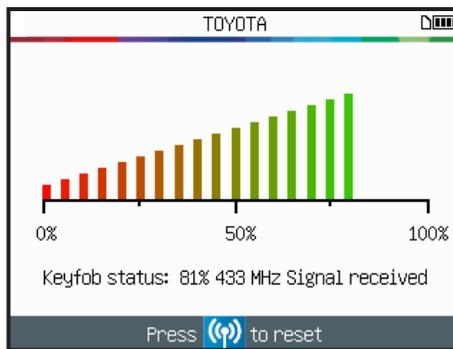
Start a test



Press key fob buttons.

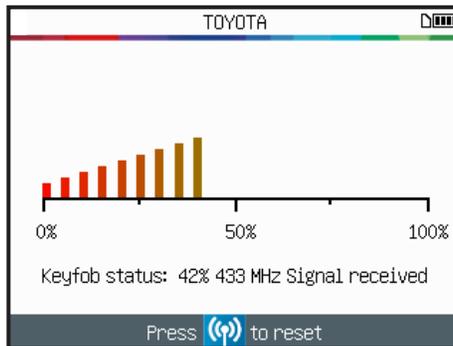


GREEN: Key fob is working within its range to the device.




Reset device and start a new test

RED: Low signal strength, indicates low battery, replace battery (recommended).

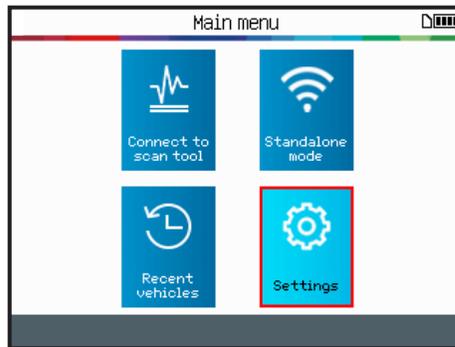
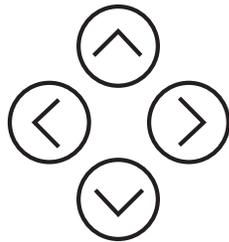



Reset device and start a new test


Previous

5 Settings

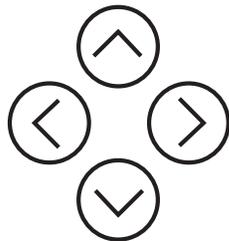
5.1 Enter Settings Menu



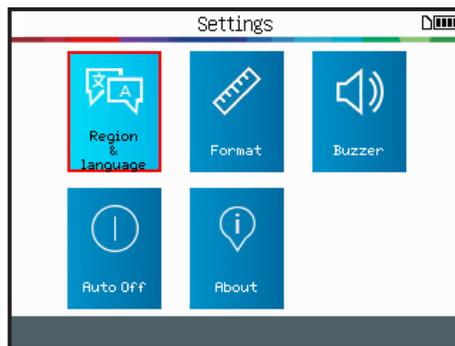
Continue



Previous



Select the various settings.



Continue

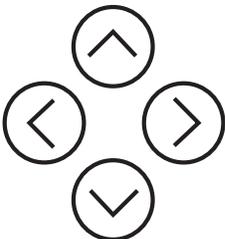


Previous

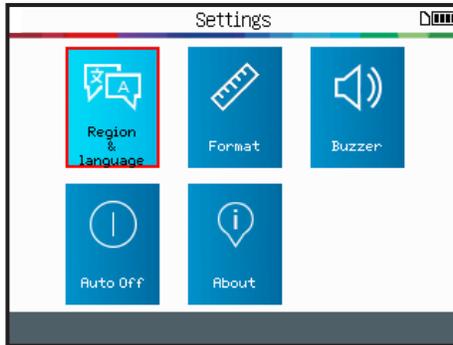
Region & Language	Select the working region (America or Europe) and the interface language (English, Spanish, French).
Format	Change the air pressure and temperature display (kPa, Bar or PSI and F° or C°). Change the format of sensor ID display.
Buzzer	Turn buzzer to ON or OFF.
Auto Off	Set the time to turn off the device automatically after not being operated.
About	Displays the current software version and information about the license validity.

5.1.1 Change Zone Settings

Region: Select the working zone among America and Europe.



Select the **Region & Language** setting.




Continue



Previous



Select the **Region** function.



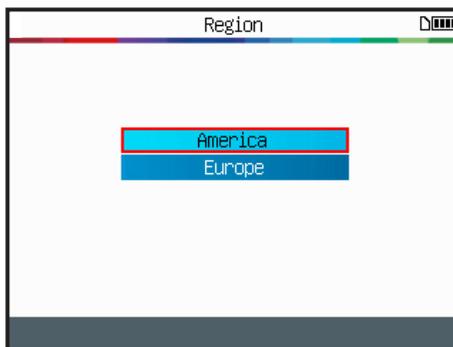

Continue



Previous



Select a region.




Continue

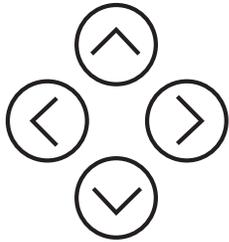


Previous

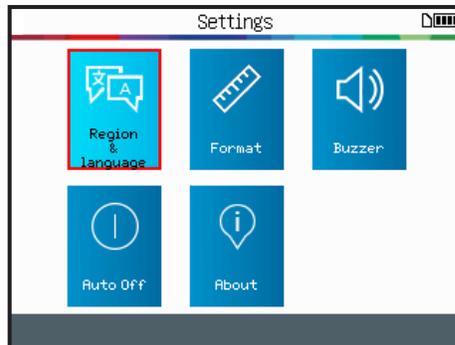
After choosing a new region, please wait until the new vehicle database is loaded.

5.1.2 Change Language Settings

Language: Select displayed language, English, Spanish or French.



Select the **Region & Language** setting.



Continue



Previous



Select the **Language** function.



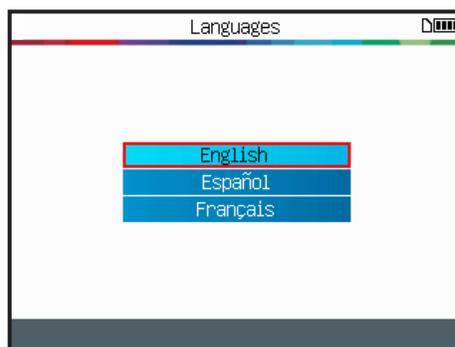
Continue



Previous



Select the preferred language.



Continue

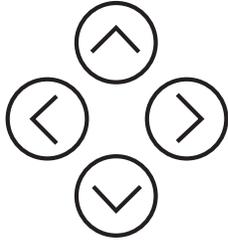


Previous

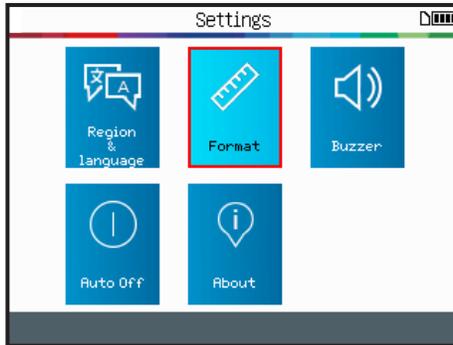
After choosing a new language, wait until it is loaded to continue.

5.1.3 Change Unit Settings

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



Select the **Format** setting.



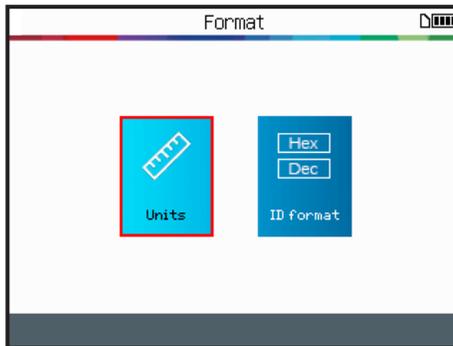
Continue



Previous



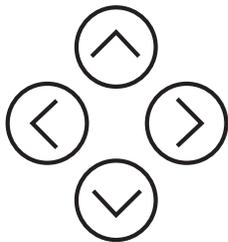
Select the **Units** function.



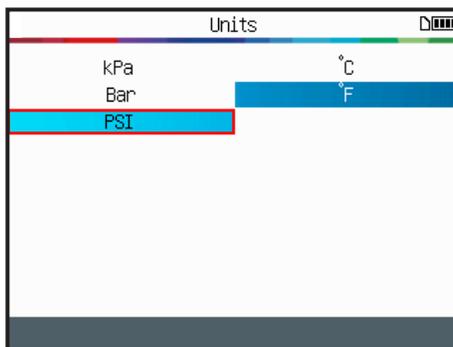
Continue



Previous



Select pressure and temperature units.



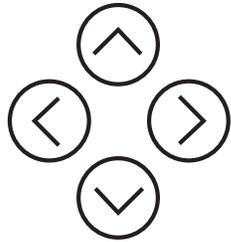
Continue



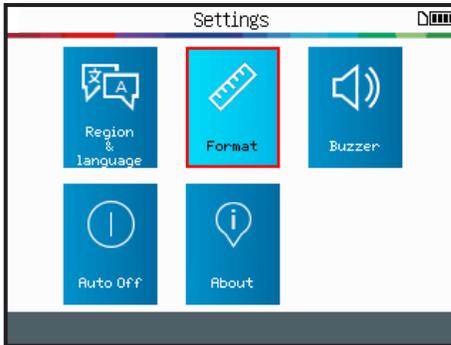
Previous

5.1.4 Change Format Settings

Format: Change the format of sensor ID display.



Select the **Format** setting.



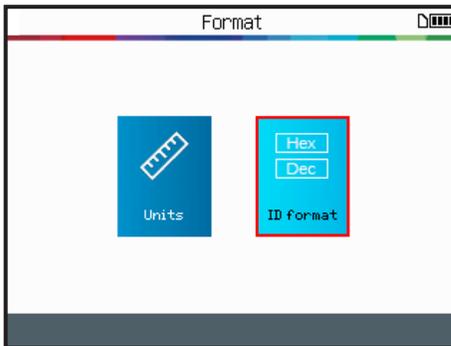
Continue



Previous



Select the **ID Format** function.



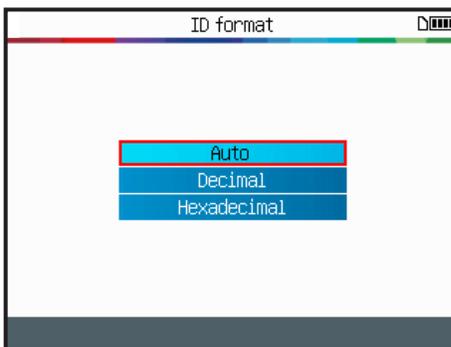
Continue



Previous



Select a preferred format.



Continue



Previous

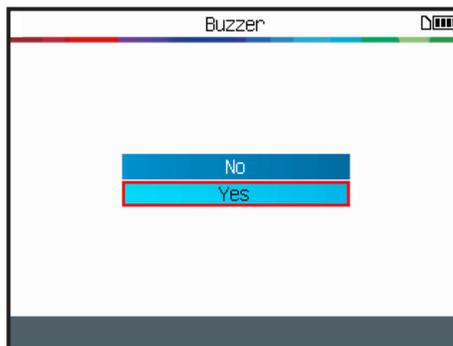
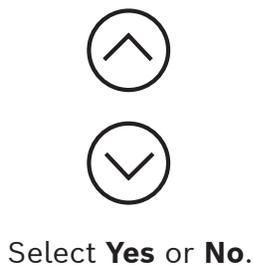
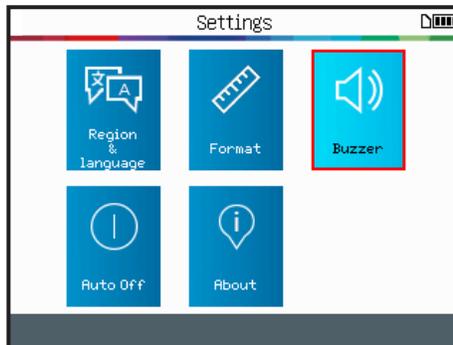
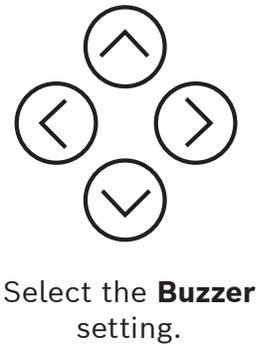
Auto: Automatically identifies the sensor ID as decimal or hexadecimal.

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

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

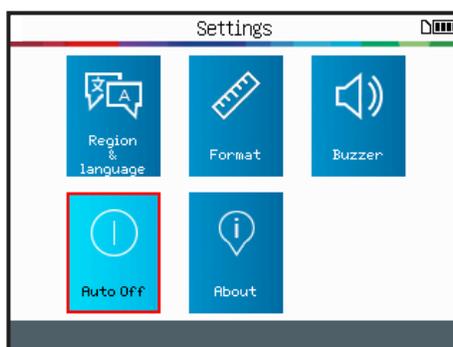
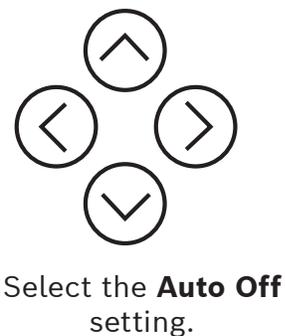
5.1.5 Change Buzzer Settings

Buzzer: 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.



5.1.6 Change Auto Off Settings

Auto Off: Time set to turn off the device automatically after not being operated.





Scroll up (+) and down (-) to change time.



Continue

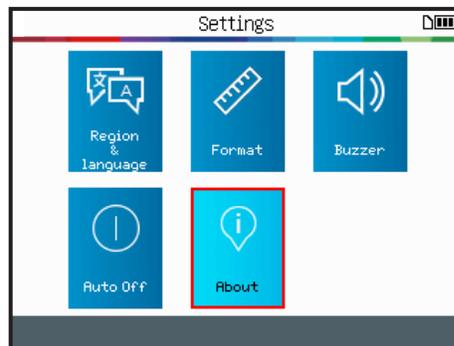
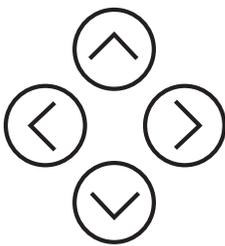


Previous

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

5.1.7 About (TPMS Tool Information)

Displays the current version and information about the device.

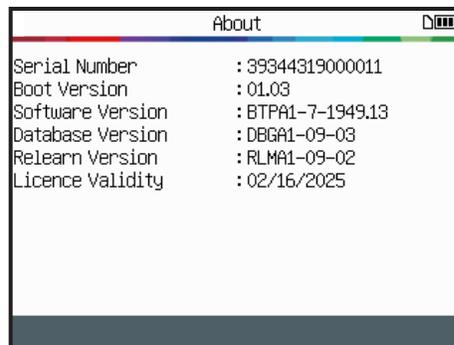


Continue



Previous

The tool displays the software version and license validity.



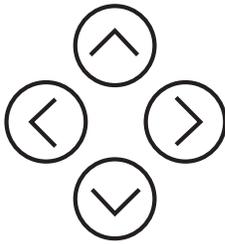
Previous

Connect to Scan Tool Mode

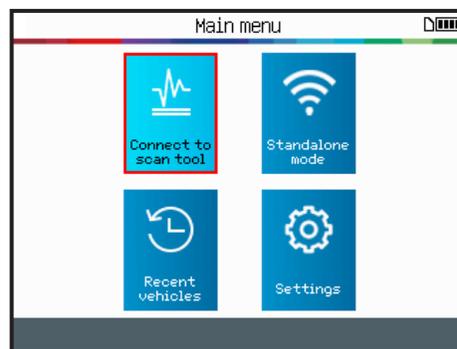
IMPORTANT:

TPA 300 Connect to scan tool mode is used to register the TPMS sensors IDs into the vehicle's ECU. To program and copy TPMS sensors, test RKE, save and read recorded jobs, and setup the tool, use the TPA 300 in Standalone mode. For basic checking of the TPMS sensors – without writing into the vehicle ECU – use the TPA Standalone mode. See this user manual dedicated section to learn how to operate this mode.

1 Bluetooth Pairing



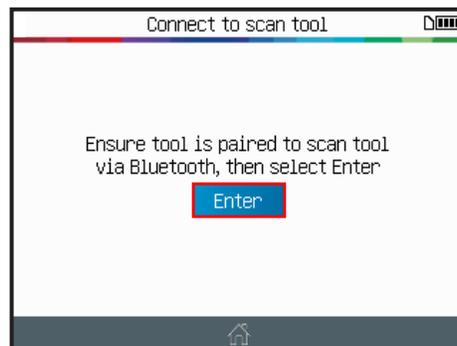
The tool is ready to activate the Bluetooth connection.



Continue

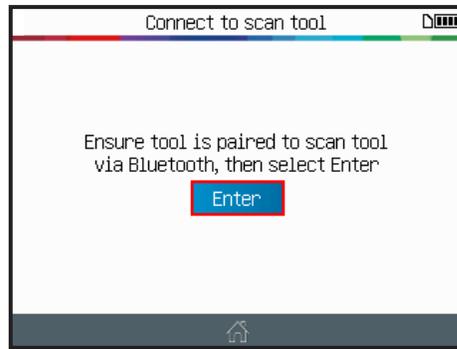


Previous



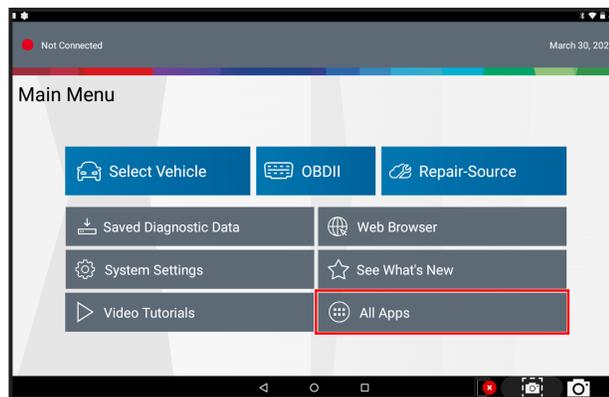
Confirm

TPA 300 is ready to pair with Bosch scan tool.

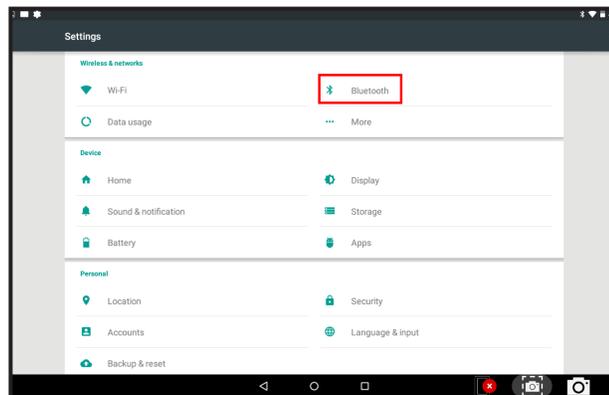


Use the Bosch scan tool for the next steps.

From the main menu of the Bosch scan tool, click **“All Apps”** button and then open the **“Settings”** icon.

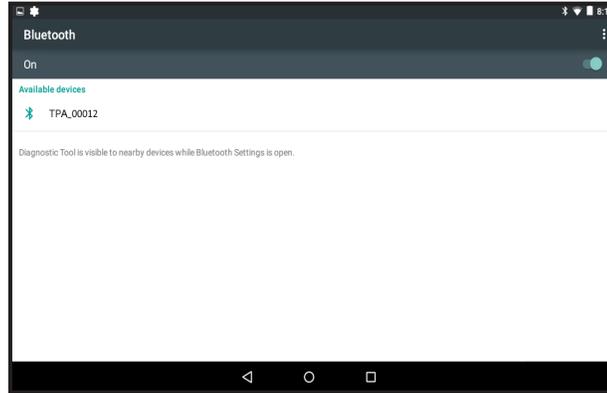


In the settings menu, click the **Bluetooth** icon to enter Bluetooth settings.



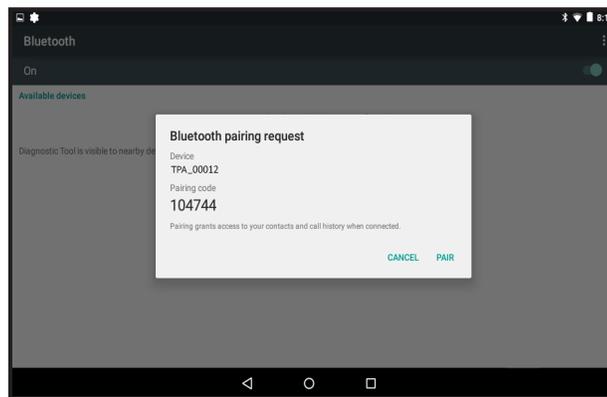
If Bluetooth is deactivated (**OFF**), click the right slider to activate Bluetooth.

Then, wait until the TPA 300 is detected and shows up to the scan tool screen.

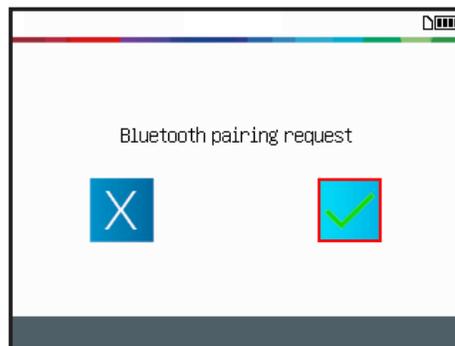


When your TPA 300 device name appears, click on it to pair.

Confirm the Bluetooth pairing by clicking **“Pair”** on the Bosch scan tool.

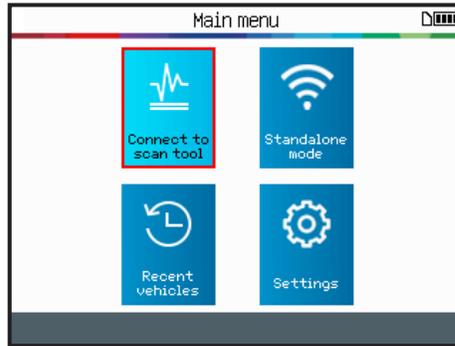
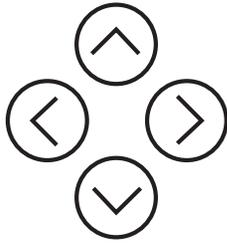


Confirm the Bluetooth pairing on the TPA 300.

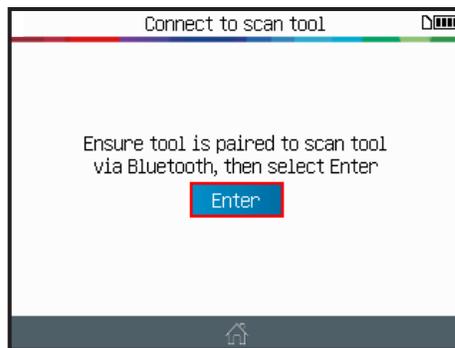


Note: Now the TPA 300 is capable of working in conjunction with the Bosch scan tool. There is no need to repeat the pairing process the next time the devices are used together. Instead, simply select the Connect to scan tool mode on the TPA 300 and follow the instructions from the Bosch scan tool screen.

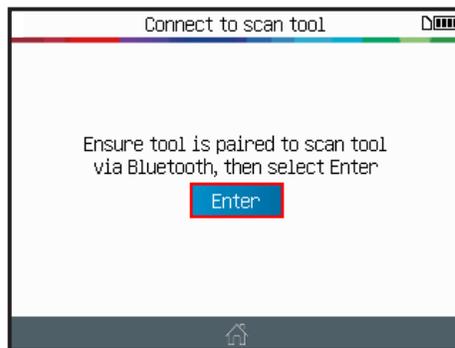
Select Connect to Scan Tool Mode



The tool is ready to activate the Bluetooth connection.



TPA 300 is ready to work with Bosch scan tool.



Use the Bosch scan tool for the next steps.

Now the TPA 300 is awaiting instruction from the Bosch scan tool. Simply use the Bosch scan tool to do the next steps.

2 TPMS ECU Relearn

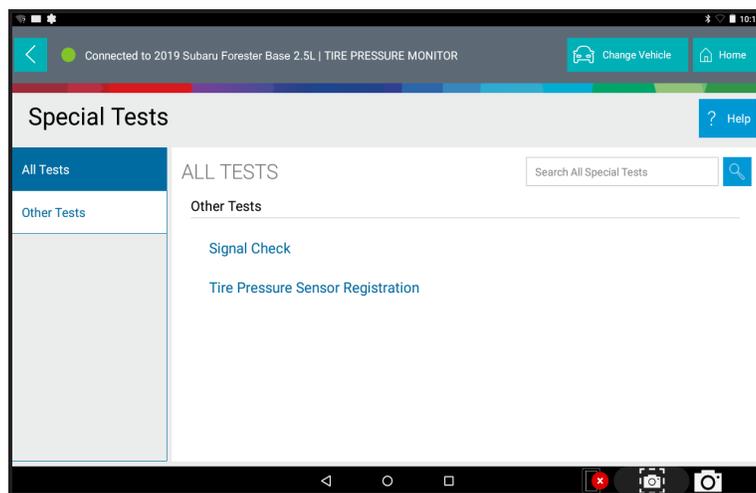
This section is to relearn sensor IDs to the vehicle ECU. This is needed when one or more sensor has been changed. This must be done using the Bosch scan tool.

Note: Follow the standard process to select the Make/Model/Year from the Bosch scan tool and then use the TPA 300 to trigger all the TPMS sensors. The Bosch scan tool will automatically transfer the sensor IDs from the TPA 300 and record them into the vehicle ECU.

On the Bosch scan tool select the Make/Model/Year of the targeted vehicle.

Then, select **Tire Pressure Sensor Registration** function located in the **Special Tests** menu.

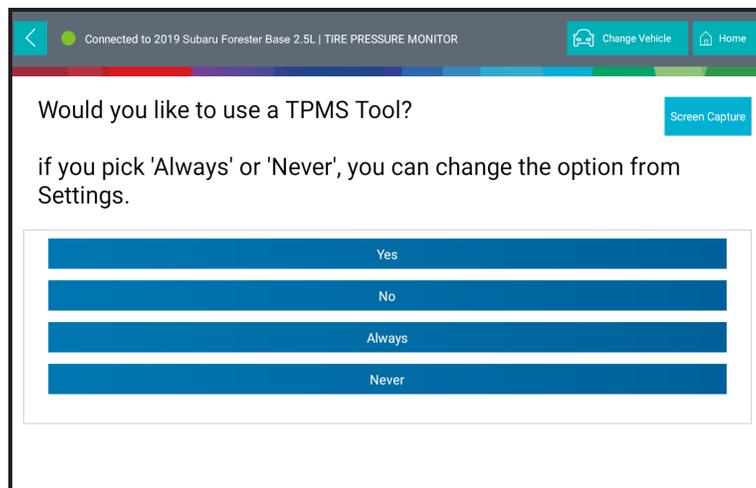
Or choose **Maintenance Tests** then **TPMS Registration**.



The scan tool asks if you want to use the TPMS tool.

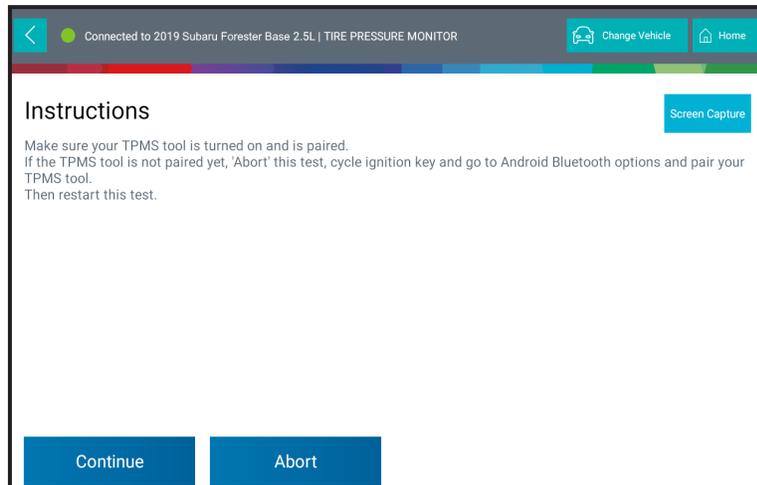
Record this setting by pressing the "Always" button.

Note that this choice can be changed later.



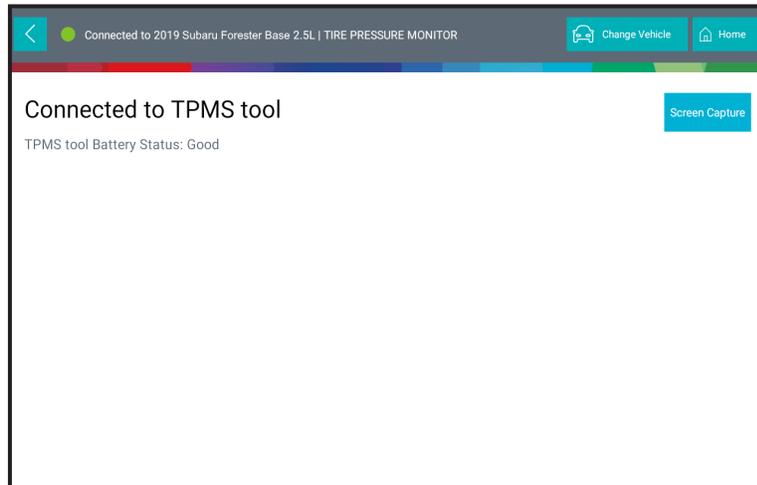
Turn on the TPA 300 and activate the “Connect to scan tool” function in main menu.

Then press **Continue** on the Bosch scan tool to confirm.

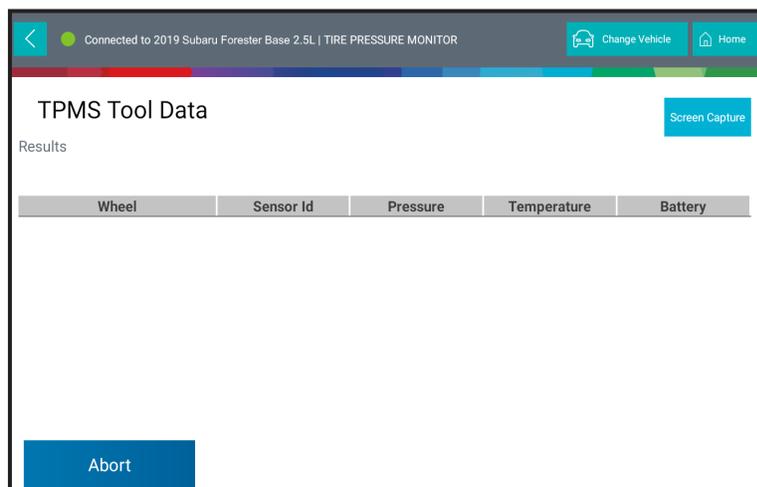


Wait while the Bosch scan tool connects to the TPA 300.

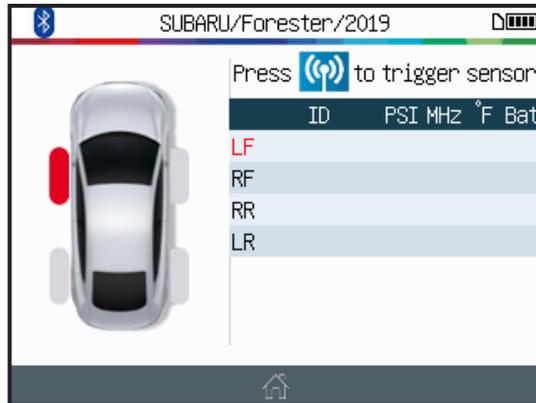
Check the TPA 300 screen to see if any additional step or confirmation is needed depending on the vehicle chosen.



When both the TPA 300 and the Bosch scan tool are ready the following screen will display.



In the meantime, the TPA 300 screen will change to the TPMS sensors triggering screen with the matching vehicle selected.



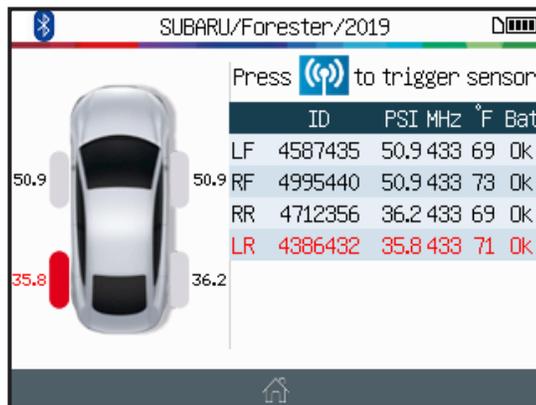
At this stage, you have to read all the TPMS sensor IDs using the TPA 300 tool, exactly the same way you do in Standalone mode. If you are not already familiar with this procedure, see the dedicated section in this user manual.

Warning: For best sensor triggering, hold the tool against the tire sidewall right above the sensor.



Read all sensors in the normalized order.

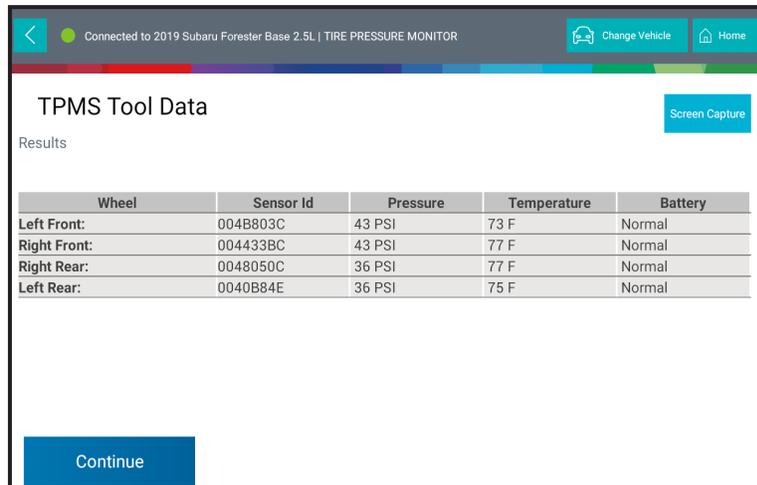
- LF** (Left Front)
- RF** (Right Front)
- RR** (Right Rear)
- LR** (Left Rear)



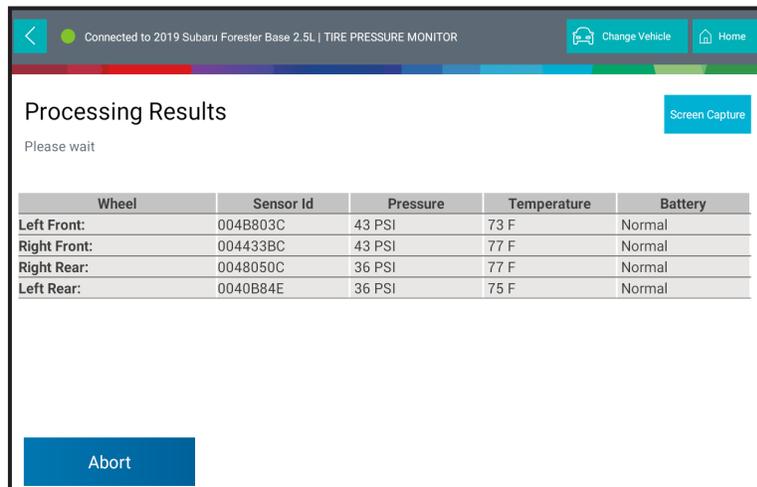
Trigger Sensors

The sensors' IDs automatically appear on the Bosch scan tool.

Press **Continue** to register the new IDs to the vehicle ECU.



The Bosch scan tool will confirm the correct recording of the new sensors' IDs into the vehicle ECU.



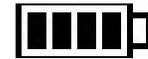
Miscellaneous

1 Tool Charging

Low Battery Indication

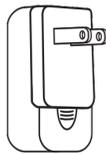
The **TPMS Tool** incorporates a low battery detection circuit. Battery life is an average of 300 sensor tests per battery charge (approximately 60 to 80 vehicles).

Battery indicator status:

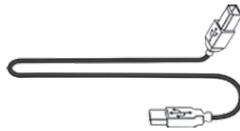


When low, icon is flashing, the tool will turn off after 10 seconds.

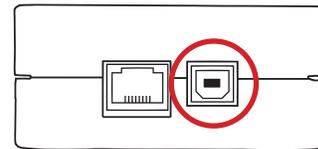
DO NOT use the tool with low battery status because the transmission and emission may not be reliable.



Wall charger



USB B Cable



USB B Socket

For charging the tool, directly plug the supplied USB cable to the tool and plug the wall charger to an appropriate outlet. The battery icon will change to reflect the charging status: 

Battery Replacement



Unscrew the two screws on the back of the tool.

Remove the cap.

Unplug the battery and change the battery to a new one.

Reinstall the cap and the screws.



Recycle the used battery, see **Battery and Recycling** dedicated section in this user manual



2 Tool Update

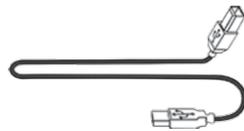
Updating the TPMS Tool

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

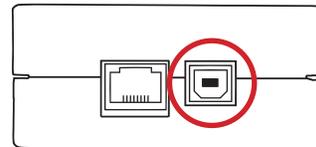
Important: To ensure a successful update, temporarily turn off all anti-virus and spam blocking software on your computer.



USB Key



USB B Cable

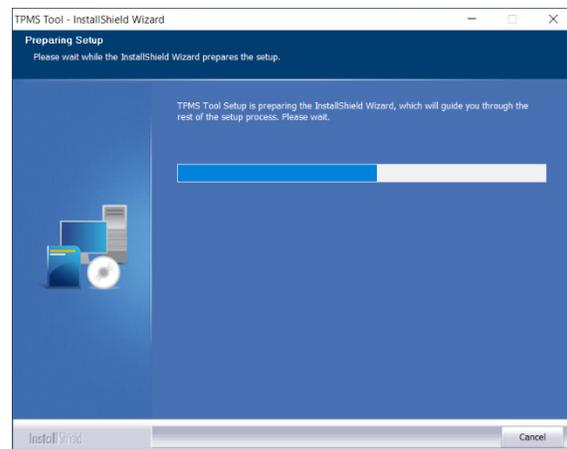


USB B Socket

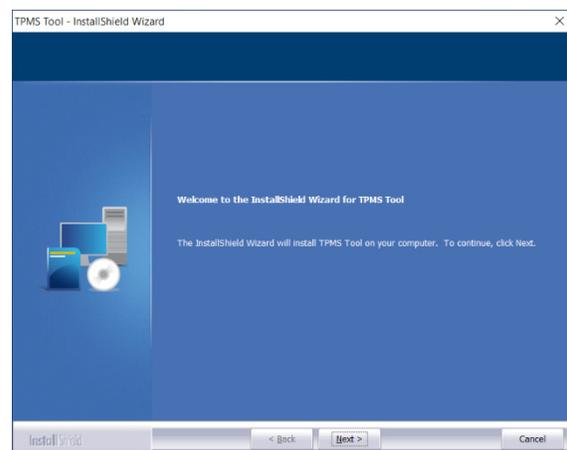
2.1 Install TPMS Tool PC Suite

Step 1: Insert the USB key supplied with your tool into the PC and click on the **TPMS Tool** icon to start installing the program.

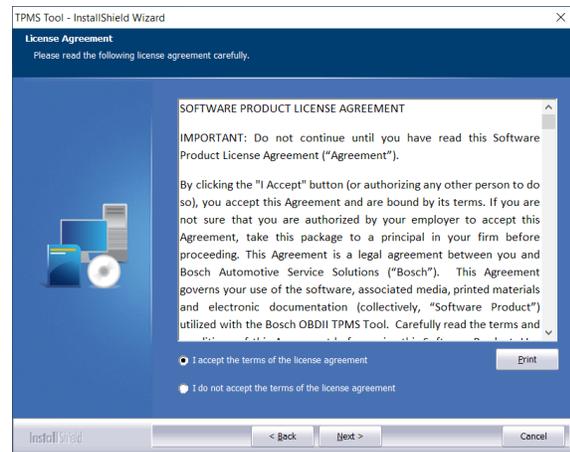
Note: Go to <https://3934tpmsupdate.tools-tpms.com/software/3934tpms/SetupTpmsTool.exe> to download the latest version of the TPA 300 PC software companion and use the same procedure to install this application.



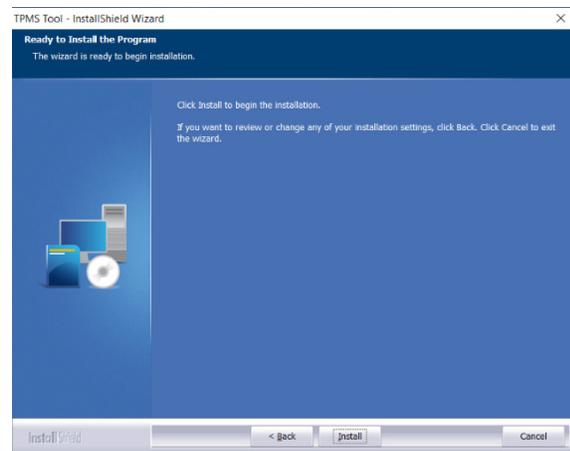
Step 2: Click **“Next”** to continue to the **“Welcome to install Shield Wizard for TPMS Tool”** screen.



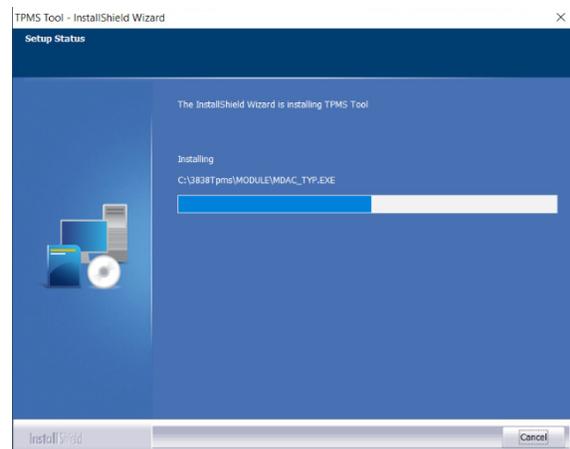
Step 3: Read the software product license agreement, select **“I accept the terms of the license agreement”** and click on **“Next”**.



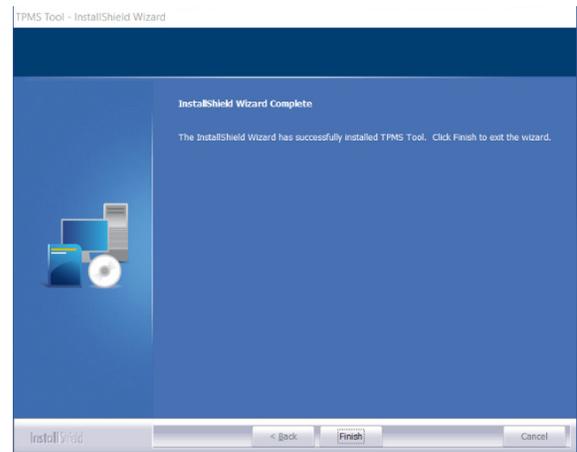
Step 4: Click **“Install”** to start the installation process.



Step 5: Until the software carries out the installation please wait.



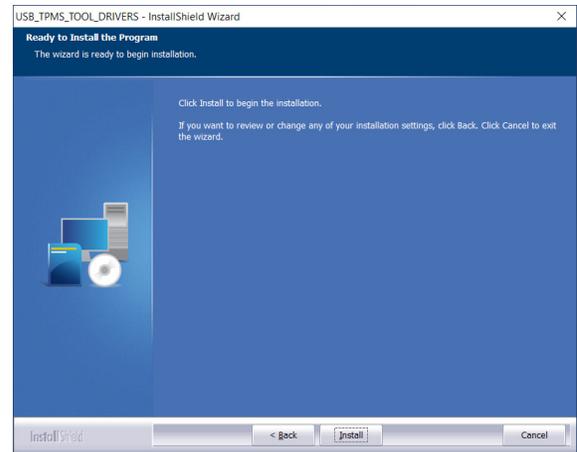
Step 6: When the installation is complete, click on **“Finish”**.



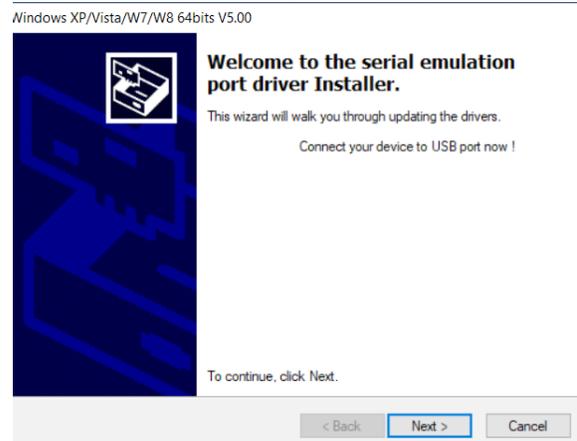
Step 7: Click **“Next”** to continue to **“Welcome to the Install Shield Wizard for USB Driver”**.



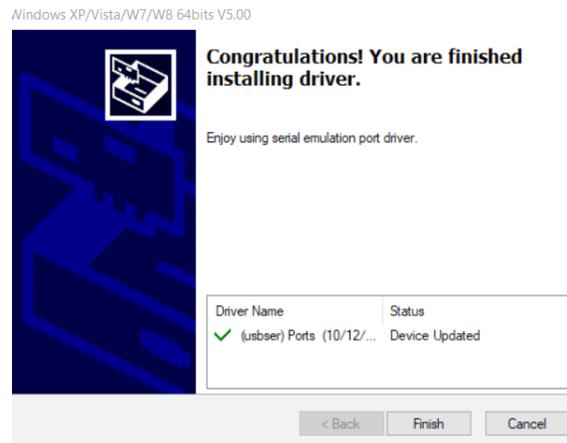
Step 8: Click **“Install”** to install the USB driver.



Step 9: Click **“Next”** to continue to the **USB/serial emulation** drivers.

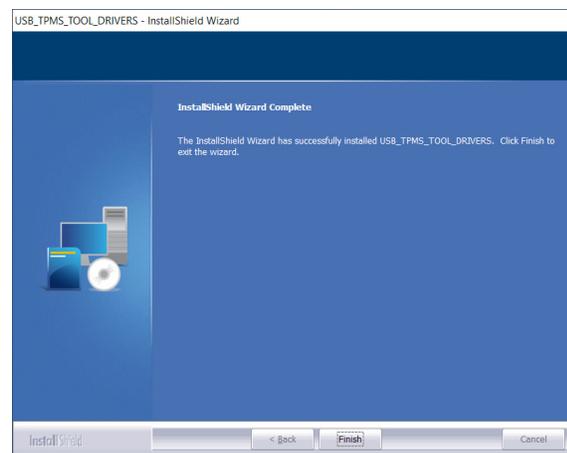


Step 10: The installation is complete, your device is ready to use, click **“Finish”**.



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

Note: *If sometimes the Windows® Security prompts you, please click on **“Continue Anyway”**.*



Note: *To order annual update software license part number, please contact BOSCH technical support.*

2.2. PC Software for TPA 300 Updates

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

Step 2: Start the TPMS Tool software.



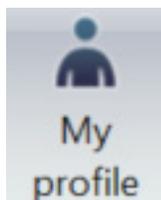
Step 3: When connected to a local network using a Proxy server, enter the local network Login and Password.

Step 4: Registering Device

New units 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 5: Registration Information

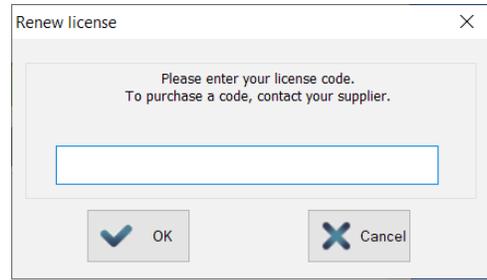
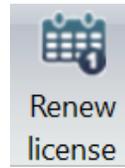


To register the product, enter information in the fields, read the terms of service and privacy policy, then click **“Submit”**. This information will be paired with the connected tool.

Step 6: Renew Subscription

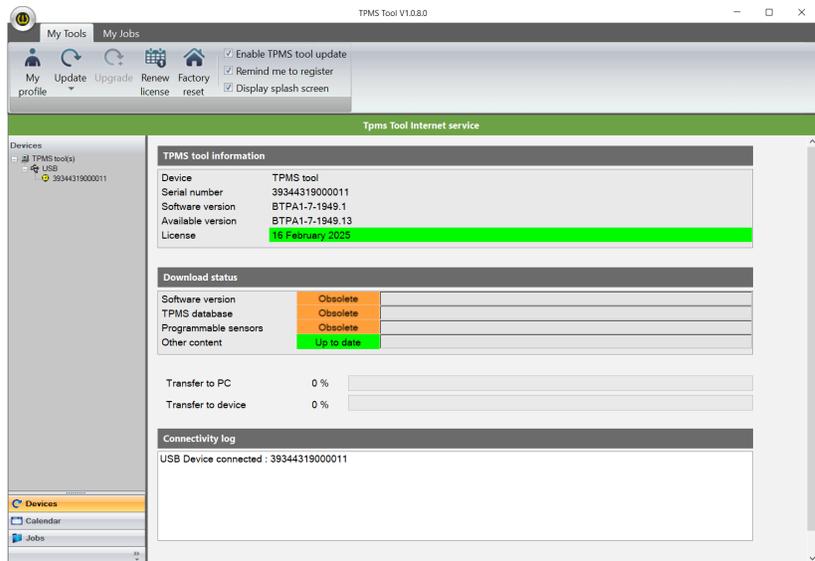
Call your distributor to purchase a new subscription code.

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



Step 7: 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.

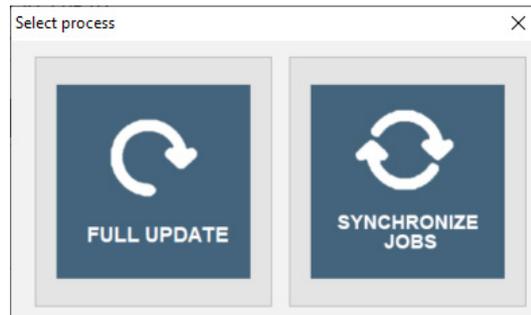


Step 8: TPMS Tool Update

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

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

Upload jobs: To upload all the captured data in the TPMS tool to a PC for printing.



Step 9: TPMS Tool Information

The license field indicates the status of the TPA 300 software license.

- The tool license is valid.
- The tool license is expired.

The Download status fields display whether the software versions installed onto the TPA 300 device are current or not.

- 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 2025

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

Step 10: Main windows in the “My Jobs” Tab

Displays the sensors triggered by the vehicle. To print these results click on the Print icon.



TPMS Tool V1.0.8.0

My Tools | My Jobs

Synchronize to PC | Refresh | Search | Delete | Export

By date | By tool | By make, model, year | Personalize letterhead report | Print

TPMS Tool Internet service

Jobs: 3934431900011, 3934431900012, TPA300

Workshop Name : JS Garage
Address : 1532 Long Rd - Detroit, MI 48543
Phone : 124-432-4320

Service Report Number : 01100002 | Time: 0:00:00 | Date: 01/01/2000

Comments :

Tool serial number: 39344319000011

Customer name : JOHN SMITH

Vehicle Identification : VIN/Plate Number:CDDNPQRY543NMLQRR ED-746-RQ

Make	Model	Year	Odometer reading
FORD	F-Series	2019	-

Wheel	TPMS ID	Pressure	Temperature	TPMS Battery	Tread Depth
Left Front	6060B7FF	47.2 PSI	73 °F	Ok	
Right Front	606A3D94	47.2 PSI	73 °F	Ok	
Right Rear	6068050C	36.2 PSI	73 °F	Ok	
Left Rear	6060B84E	38.0 PSI	73 °F	Ok	
Spare	-	-	-	-	

Devices | Calendar | Jobs

Step 11: Print Example

The results will be printed like the following example.

Workshop Name : JS Garage
Address : 1532 Long Rd - Detroit, MI 48543
Phone : 124-432-4320

Service Report Number : 01100002	Time: 0:00:00	Date: 01/01/2000
----------------------------------	---------------	------------------

Comments :

Tool serial number: 39344319000011

Customer name :	JOHN SMITH		
Vehicle Identification :	VIN/Plate Number:CDDNPQRY543NMLQRR ED-746-RQ		
Make	Model	Year	Odometer reading
FORD	F-Series	2019	-

Wheel	TPMS ID	Pressure	Temperature	TPMS Battery	Tread Depth
Left Front	6060B7FF	47.2 PSI	73 °F	Ok	
Right Front	606A3D94	47.2 PSI	73 °F	Ok	
Right Rear	6068050C	36.2 PSI	73 °F	Ok	
Left Rear	6060B84E	38.0 PSI	73 °F	Ok	
Spare	-	-	-	-	

3 Limited Warranty/ Certificates

BOSCH® AUTOMOTIVE SERVICE SOLUTIONS LIMITED WARRANTY – APPLICABLE TO THE UNITED STATES AND CANADA

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: Part Number Bosch 3934 TPA 300 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.

This warranty only covers Products manufactured by Bosch. Bosch will pass through to the original purchaser all manufacturers warranties. No one is authorized to make any statement or representation altering the terms of this warranty.

REMEDIES

The sole and exclusive remedy for any Product found to be defective is repair or replacement, at the option of Bosch. The existence of a warrantable defect shall be determined by Bosch in accordance with procedures established by Bosch.

DISCLAIMER TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE ABOVE WARRANTY IS IN LIEU OF

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TECHNICAL SUPPORT

If you have any questions on the operation of the Product or prior to sending in a product for repair, call Bosch Technical Support at: 1 (855) 267-2483.

MISCELLANEOUS

This warranty shall be governed by and construed in accordance with the laws of the State of Michigan U.S.A., exclusive of its conflict of laws principles. The U.N. Convention on Contracts for the international Sales of Goods shall not apply. Bosch reserves the right to amend this warranty policy as required.

4 Software Product License Agreement

IMPORTANT: Do not continue until you have read this Software Product License Agreement (“Agreement”).

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- Developing new products and services;
- Inquiries and customer service requests you submit to Bosch;
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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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5 Battery Safety and Charge Information

Read and understand these safety instructions and warnings before using or charging lithium polymer batteries.

Operating Environment

Follow all local regulations and always switch off the device when its use is prohibited or when it may cause interference or danger.

Use the device only in its normal operating positions.

The device and its enhancements may contain small parts. Keep them out of the reach of small children.

About Charging

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

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

About the Charger

Do not use the charger in a high moisture environment. Never touch the charger when your hands or feet are wet. Allow ventilation around the charger when using it. Do not cover the charger with paper or other objects that will reduce cooling. Do not use the charger while it is inside a carrying case. Connect the charger to a proper power source. The voltage requirements are found on the product case and/or packaging. Do not use the charger if the wires become damaged. Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture. This charger is not a toy and should not be used by children or infirm persons without proper training or supervision. Do not use it as a power source. Unplug it before attempting to service or clean it.

About the Battery

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

Use the specified charger supplied by **BOSCH** for this device.

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

Safety for Lithium Polymer Battery Use

The device **MUST** be placed on a non-flammable surface during charging (ceramic platter or metal box).

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

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

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

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

If the battery is emitting smoke or liquid when charging, stop the charge immediately. Disconnect the charger and place the tool in an isolated area for at least 15 minutes. **DO NOT USE THE BATTERY AGAIN**, return the device to the distributor.

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

The Lithium Polymer battery must be neutralized. The neutralization process must be performed under strict secure conditions. It is recommended that the tool be returned, and will then be given to a specialized recycler.



Do not dispose of Lithium Polymer batteries in the trash.

The Lithium Polymer battery is not suitable for children under 14 years. Keep Lithium batteries out of reach of children.

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

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

If you don't use the battery for a long time, you have to regularly charge the battery (every 6 months) to be over the minimum charge of **30%**. If you don't follow these safety precautions, you may cause serious personal injury and damage to property; you may even cause a fire.

BOSCH disclaims any responsibility for damage sustained in case of non compliance with these safety instructions.

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

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

6 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.

7 Industry 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 10cm 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 10cm entre l'élément rayonnant et votre corps.

8 Recycling

Do not dispose of the rechargeable Lithium-Ion battery or the tool and/or its accessories in the trash.



These components must be collected or recycled.



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

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