

3838 USER GUIDE

Version BTE1



REVISION OF THE 3838 MANUAL

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

<u>Edition/ Revision</u>	<u>Reference</u>	<u>Date</u> (week/year)	<u>Chapters updated</u>
First edition	UM-3663838A-U	03/2015	Firmware version BTE1.

TABLE OF CONTENTS

User guide	TPMS TOOL
1. SPECIFICATIONS	2
2. IMPORTANT SAFETY INSTRUCTIONS.....	3
3. CAUTION	4
4. FUNCTION KEYS	5
5. HEADER ICONS	6
6. POWER ON.....	6
7. OPERATING INSTRUCTIONS	7
3838 USE	8
1. SENSOR ACTIVATION	8
2. RELEARN PROCEDURE	13
3. UNIVERSAL SENSOR PROGRAMMING	16
4. RECENT VEHICLE.....	21
5. SETTINGS.....	23
MISCELLANEOUS.....	30
1. CHARGE	30
2. TOOL UPDATE.....	31
3. PRINT SENSOR DETAILS	38
4. TROUBLESHOOTING	38
5. LIMITED WARRANTY / CERTIFICATE(S) FOR	39
6. SOFTWARE PRODUCT LICENSE AGREEMENT	42
7. SAFETY BATTERY AND CHARGE INFORMATION	45
8. RECYCLING	46
Index	47

User guide

TPMS TOOL

1. SPECIFICATIONS

Battery Type:	Rechargeable Lithium Ion
Battery Life:	Approximately 800 activations per full charge.
Dimensions (Max. L,W,D):	8.1" x 4.1" x 2.3" (20.5 cm x 10.4 cm x 5.7 cm).
Case Material:	High Impact ABS.
Response Frequency:	Main frequencies: 315 MHz and 433.92 MHz (supporting most specific frequencies).
Low Battery Indication:	LCD bar graph display.
Weight:	Approx. 1.4 lbs.
Temperatures:	Operating: -4° F to 131° F (-20° C to +45° C). Storage: -4° F to 131° F (-20° C to +45° C).



Product content:

- 3838 TPMS Scan Tool x1
- USB cable x1
- OBDII Module x1
- RJ45 cable x1
- 24v adapter x1
- Magnet x1
- Quick Start Guide
- CD – User Manual and USB Drivers
- Carrying case

2. IMPORTANT SAFETY INSTRUCTIONS

Do not discard. Retain for future reference.

This device complies with Part 15 of the FCC Rules

Operation is subject to the following two conditions:

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

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

Individuals that have pacemakers should never use this product.



WARNING:



Do not use on live electrical circuits.

Must read instructions before use.

Wear safety goggles. (User and bystanders).

Risk of entanglement.

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

3. CAUTION

READ THESE INSTRUCTIONS BEFORE USING

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

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

1. Read All Instructions

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

2. Retain Instructions

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

3. Heed Warnings

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

4. Cleaning

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

5. Water & Moisture

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

6. Storage

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

7. Use

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

4. FUNCTION KEYS

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



5. HEADER ICONS



The tool is connected to PC via USB cable.



The tool is connected via Bluetooth to the OBDII module.



The tool is connected via RJ45 cable to the OBDII module.



SD card is inserted.



Battery status.

5.1. BOTTOM ICONS



Selecting this icon will take you to the MAIN MENU.



Selecting this icon will register the TPMS Sensors.



Selecting this icon will delete the sensor data displayed.



Selecting this icon will print the sensor data displayed.



Selecting this icon will allow the user to input the job information.

6. POWER ON

Press  key to turn on the **TPMS TOOL**.



To power off the tool, press and hold (about 3 seconds) the  key.

7. OPERATING INSTRUCTIONS

7.1. TPMS TOOL OVERVIEW

Features: Read and diagnose sensors, **OBDII ECU** reset and transfer data to **ECU**.



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

Service Procedure

Section 1.0: Read Sensor Test

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

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

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

Perform tire/wheel service.

For vehicles that require learning, please see to Section 2.0

Section 2.0: Learning TPM System

With the vehicle in learn mode, begin by triggering the driver's front left (LF) wheel sensor. Some vehicles will provide an audible chirp confirming that the sensor ID has been learned by the vehicle on board computer.

The communication between the sensor and the on board computer is also confirmed on LCD display of the **TOOL**.

The same procedure should be followed on all wheel sensors, in a clockwise rotation, until all the vehicle sensors have been learned.

After triggering the driver's rear wheel sensor, some vehicles will chirp twice indicating that the TPM system has been learned.

For vehicles that do not require learning, we recommend you trigger each wheel sensor, one final time, to make sure they are working correctly prior to releasing the vehicle to the customer.

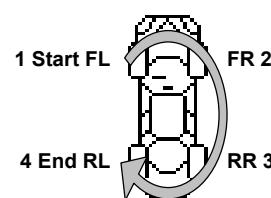


Fig. 1

3838 USE

IMPORTANT:

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

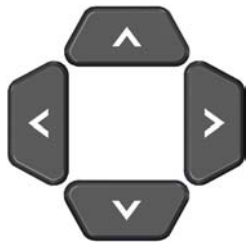
Warning! For best sensor triggering, hold the tool against the tire sidewall right above the sensor.



1. SENSOR ACTIVATION

This is to trigger all the sensors on the vehicle and reprogram the id's in the ECU through OBDII port.

1.1. SELECT SENSOR ACTIVATION



1.2. SELECT CAR MANUFACTURER

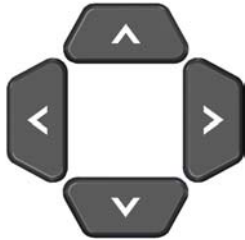


= Continue



= Previous

1.3. SELECT VEHICLE MODEL

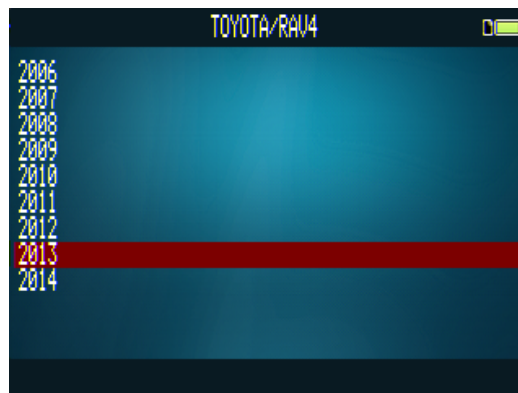
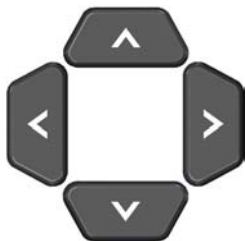


= Continue



= Previous

1.4. SELECT YEAR

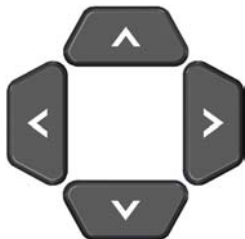


= Continue



= Previous

1.5. SELECT WHEELS NUMBERS



= Continue



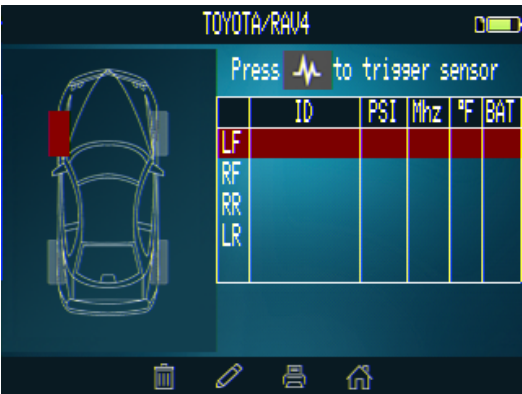
= Previous

1.6. TEST SENSORS

The tool is ready to trigger sensors.



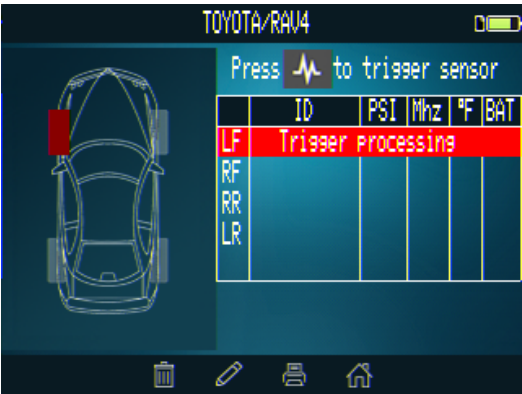
To scroll wheels.



The tool is triggering the sensor.



LF



Pass

The tool is triggering the sensor.



= Continue



= Previous and erase results

Trigger all wheels.



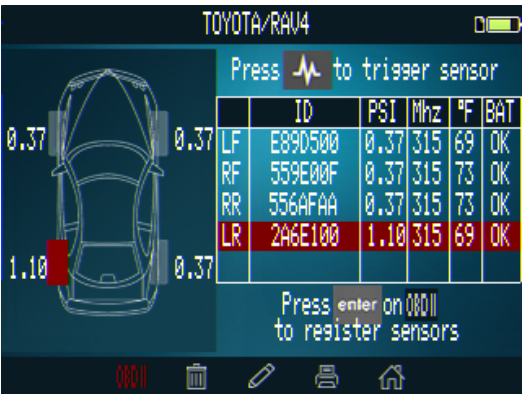
RF



RR



LR



Pass

Pass

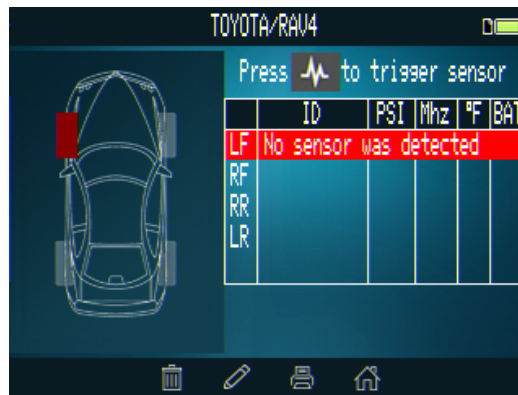
Pass



= Continue



= Previous and erase results



Fail

The tool has not detected a sensor. Try again.



= Continue



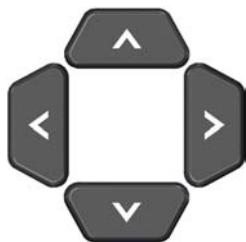
= Previous and erase results



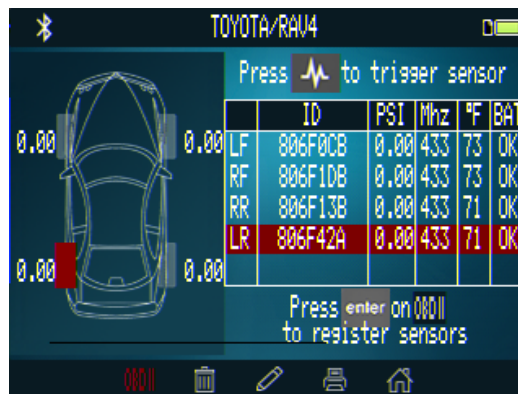
= Next wheel.

1.7. REPROGRAM ECU THROUGH OBDII PORT

After all sensor ID's are read and displayed on the tool, connect **OBDII** module to the vehicle and turn ignition on. The Bluetooth icon appears on the header of the tool if it's connected via Bluetooth. The **RJ45** icon appears if the tool is connected to the **OBDII** module via cable.



Select the
OBDII button **OBD II**.



= Continue



= Previous

The device prompts
you to continue.



Select **✓**



= Continue



= Previous

Check connection
and turn ignition key
to **ON**.

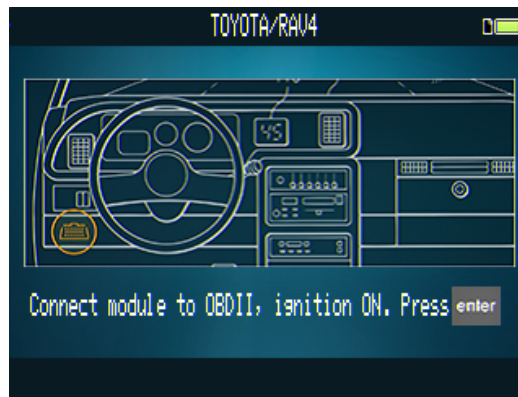
Note: Keep the
engine **OFF**.

The transfer begins.
The following
messages appear
briefly.

CONNECTED
TRANSFER OK
VERIFY OK
SUCCESSFUL
TRANSFER

The data transfer to
the **ECU** is
complete.

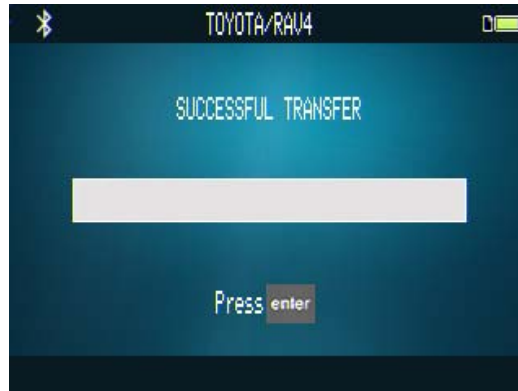
Turn ignition off and
unplug from the
DLC connector.



= Continue



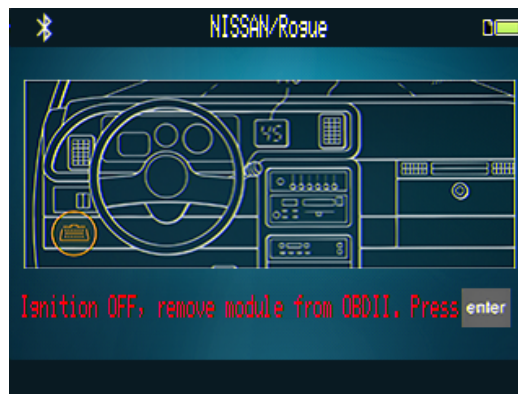
= Previous



= Continue



= Previous

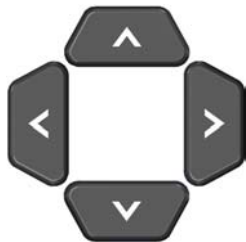


= Continue

2. RELEARN PROCEDURE

This service explains the procedure to relearn the sensor on the vehicle.

2.1. SELECT DIAGNOSTIC



2.2. SELECT RELEARN PROCEDURE & REGISTER ID



= Continue

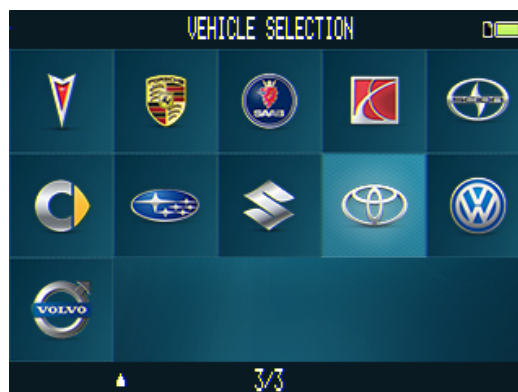


= Previous

2.3. SELECT CAR MANUFACTURER



Scroll up and down to select a vehicle make.

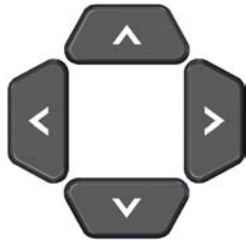


= Continue



= Previous

2.4. SELECT VEHICLE MODEL



Scroll up and down to select a vehicle model.

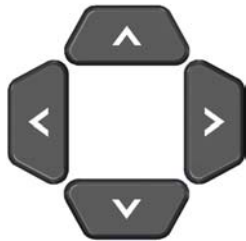


= Continue

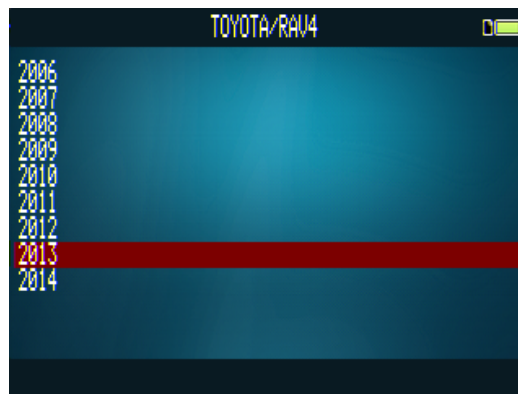


= Previous

2.5. SELECT YEAR



Scroll up and down to select a year.



= Continue

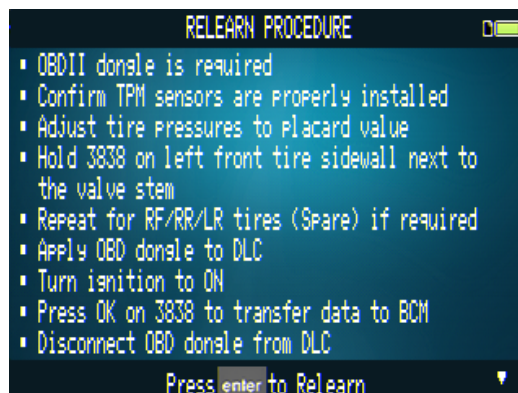


= Previous

2.6. CONFIRMATION FOR RELEARN PROCEDURE



Scroll up and down to read instructions.

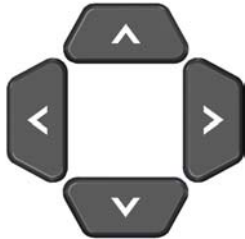


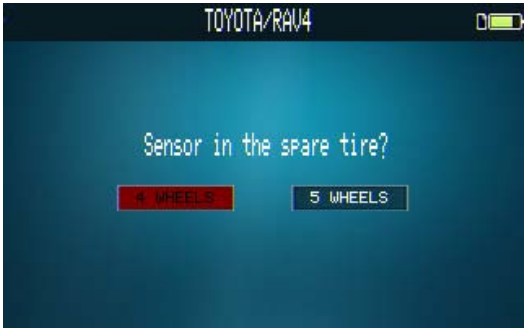
= Continue



= Previous

2.7. SELECT WHEELS NUMBERS






= Continue

= Previous

2.8. TEST SENSORS

The tool is ready to trigger sensors.



To scroll wheels.



TOYOTA/RAV4

Press  to trigger sensor

	ID	PSI	Mhz	°F	BAT
LF					
RF					
RR					
LR					





TOYOTA/RAV4

Press  to trigger sensor

	ID	PSI	Mhz	°F	BAT
LF					
RF					

LF Trigger processing

Pass

The tool is triggering the sensor.


= Continue


= Previous and erase results

Trigger all wheels.





TOYOTA/RAV4

Press  to trigger sensor

	ID	PSI	Mhz	°F	BAT
LF	E890500	0.37	315	69	OK
RF	559E00F	0.37	315	73	OK
RR	556AFAA	0.37	315	73	OK
LR	246E100	1.10	315	69	OK

Press enter on 00011 to register sensors

Pass

Pass

Pass

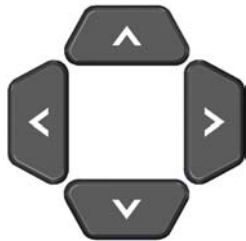

= Continue


= Previous and erase results.

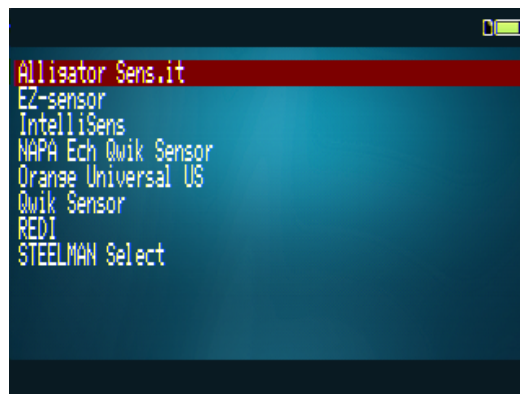
Proceed as "CHECK SENSOR".

3. UNIVERSAL SENSOR PROGRAMMING

3838 works with most known aftermarket universal programmable sensors with the options to create the new sensor IDs and /or to duplicate sensor ID(s) from original sensor(s).



Scroll up and down
to select a brand.



= Continue



= Previous



= Continue

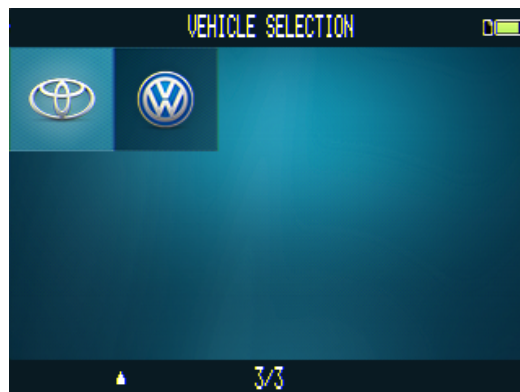


= Previous

Following your options, some above brands in example may change.



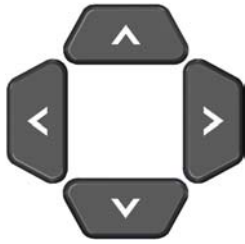
Scroll up and down
to select a vehicle
make.



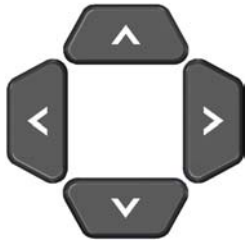
= Continue



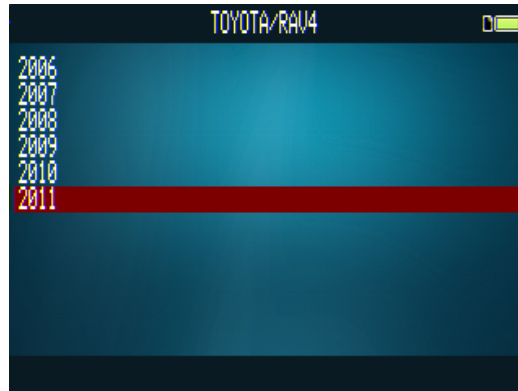
= Previous



Scroll up and down to select a vehicle model.



Scroll up and down to select a year.



= Continue



= Previous



= Continue



= Previous

3.1. "COPY SENSOR ID" SECTION

This section is to recover a sensor ID if the "old" sensor can be cloned.



Scroll Right and left to select the **COPY** option.

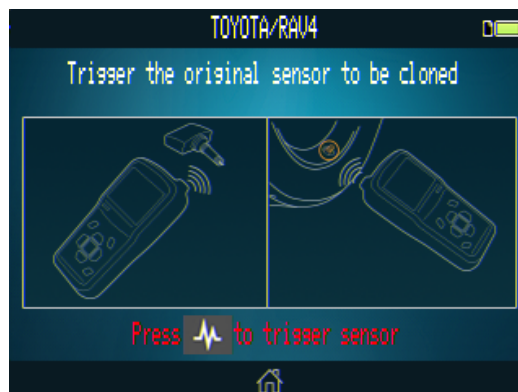


= Continue



= Previous

Position the sensor in front of the tool antenna to check the sensor.



To trigger the sensor.

The tool trigger the sensor, wait a few seconds.

The sensor data are displayed.

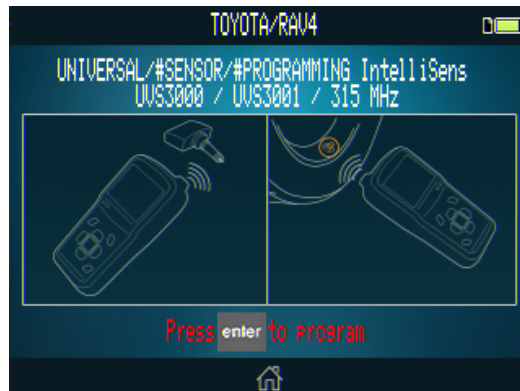


= Continue



= Previous

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



= Continue



= Home

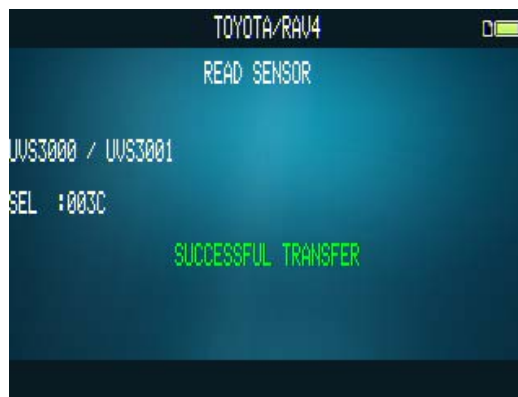
Wait a few seconds.



The tool prompts to activate the sensor.



Confirms The
sensor is cloned.



3.2. "CREATE SENSOR ID" SECTION

This section is to create a MMY specific sensor if the "old" sensor can't be cloned. The new sensor ID(s) are generated randomly by the tool, and may not be the same as the original one. Perform TPMS reset, see section 2, is required when replacing new sensors.



Scroll Right and left
to select the
CREATE option.



= Continue



= Previous

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

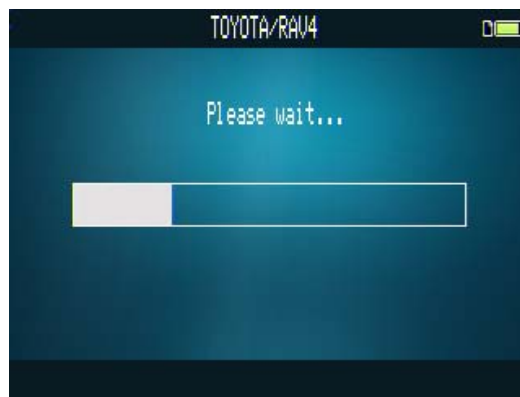


= Continue



= Home

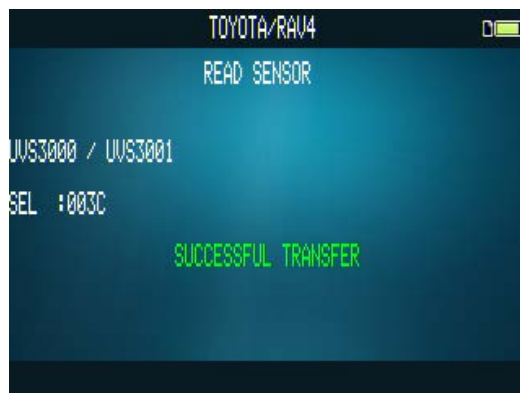
Wait a few seconds.



The tool verifies the ID uploaded.



Confirms The sensor is cloned.



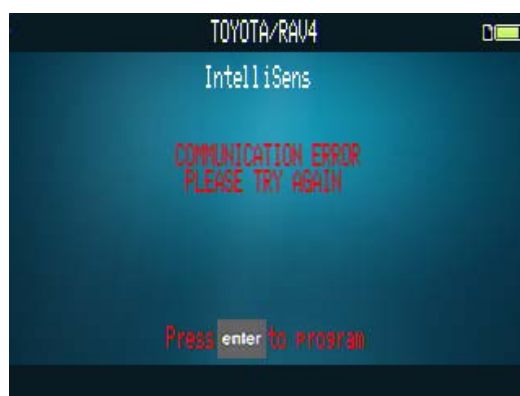
= Continue



= Previous

3.3. REPROGRAM ISSUE

In case of ID transfer issue, the following message appears, start again.



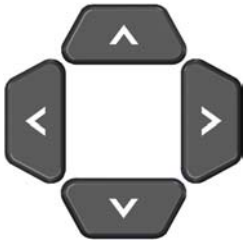
= Start again



= Previous

4. RECENT VEHICLE

This feature is to list the last device activity.



= Continue

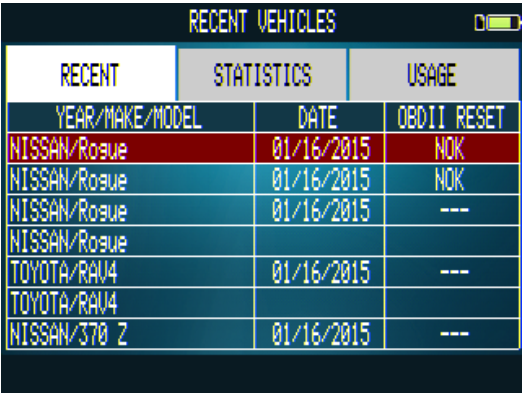


= Previous

4.1. RECENT



Select the vehicle to display.

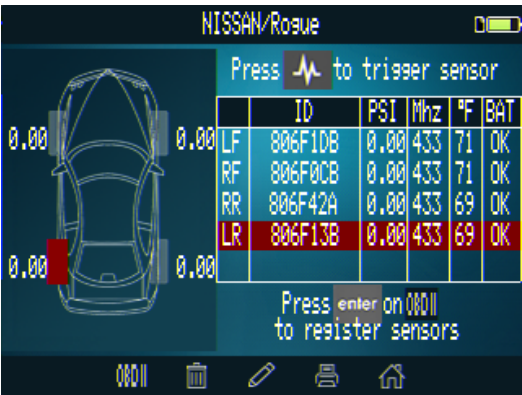


= Continue



= Previous

The screen of the selected vehicle with the last state of triggers appears. It's possible to continue to trigger the vehicle.



To trigger the sensor.



= Previous

At this moment, it's possible to print the sensors detail of this vehicle. See the "Print Sensor Details" paragraph in the "Miscellaneous" chapter (Page 37).

4.2. STATISTICS



Scroll Right and left
to select the
STATISTICS option.

RECENT VEHICLES			
RECENT		STATISTICS	
MAKE		TRIGGERS	RELEARNS
CHEVROLET		2	0
MITSUBISHI		2	0
TOYOTA		4	0



= Continue



= Previous

4.3. USAGE



Scroll Right and left
to select the
USAGE option.

RECENT VEHICLES	
RECENT	USAGE
Serial Number : 5744300415	
Number of power cycles : 5	
Number of triggers : 4	
Number of relearns : 0	
Number of softwares updates: 0	



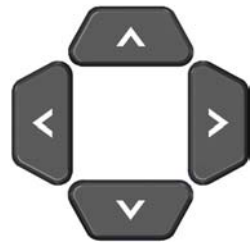
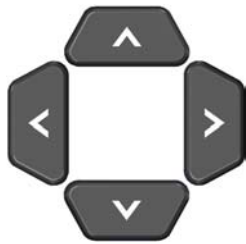
= Continue



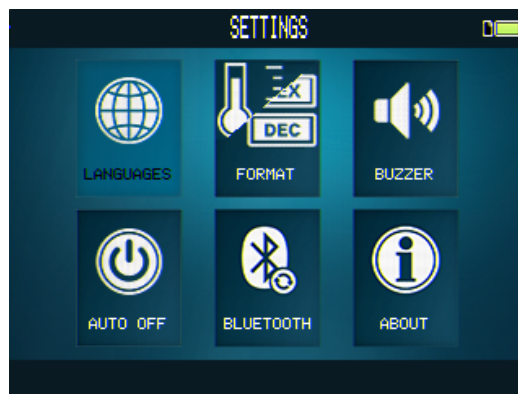
= Previous

5. SETTINGS

5.1. ENTER SETTINGS MENU



Select the function or settings.



= Continue



= Previous



= Continue

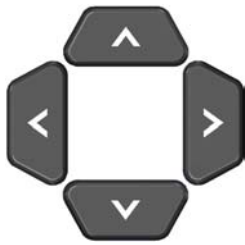


= Previous

LANGUAGE	Select displayed language among English, Español (Spanish).
FORMAT	Change the air pressure and temperature display (kPa, Bar or PSI with F° or C°). Change the format of sensor ID display.
BUZZER	Turn buzzer to ON or OFF (YES or NO).
AUTO OFF	Time to turn off the device automatically after not being operated.
BLUETOOTH	This is to pair the OBDII module to the tool.
ABOUT	Displays the current version and information about the device.

5.1.1. Change language settings

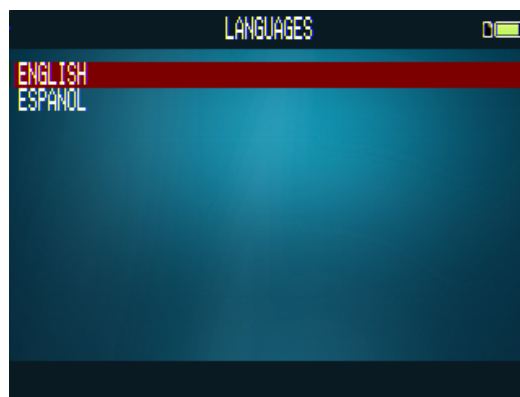
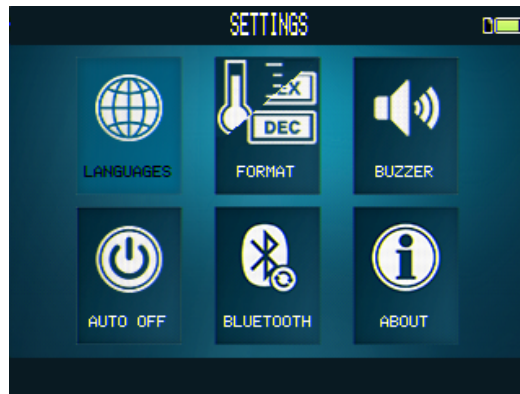
LANGUAGE: select displayed language among English, Español.



Select the function or settings.



Scroll up and down to select.



= Continue



= Previous



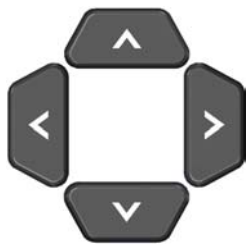
= Confirm



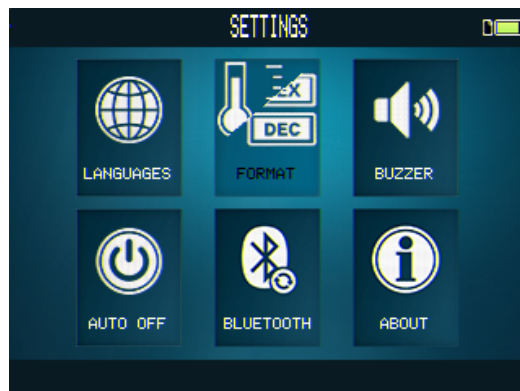
= Previous

5.1.2. Change Units settings

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



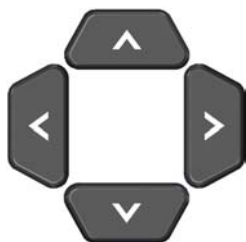
Select the Format function.



= Confirm



= Previous



Select the function or settings.



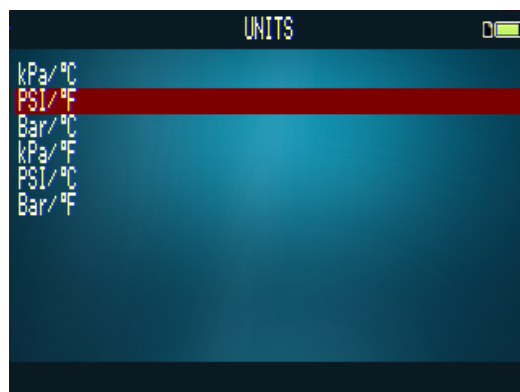
= Continue



= Previous



Scroll up and down to select the **Units**.



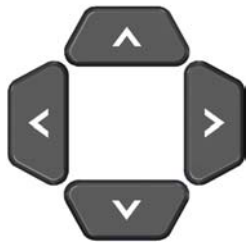
= Confirm



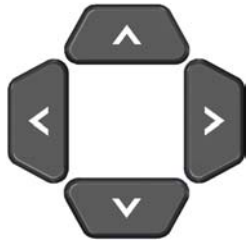
= Previous

5.1.3. Change Format settings

FORMAT: change the format of sensor ID display.



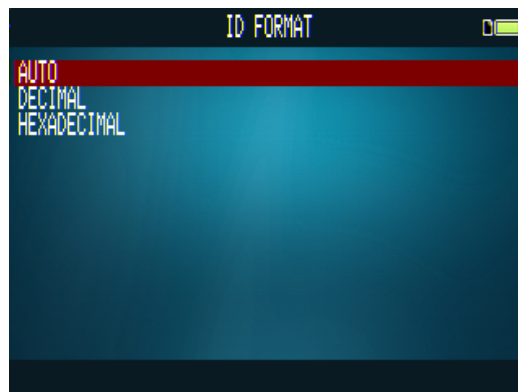
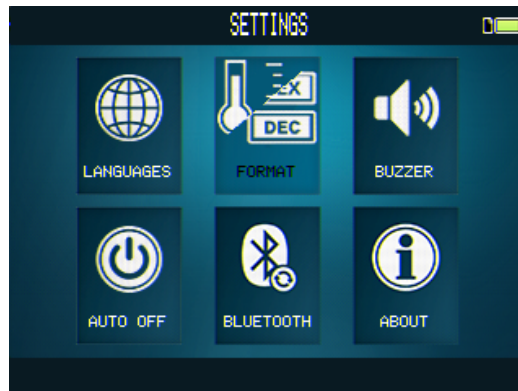
Select the Format function.



Select the ID Format function.



Scroll up and down to select a format.



= Confirm



= Previous



= Confirm



= Previous



= Confirm



= Previous

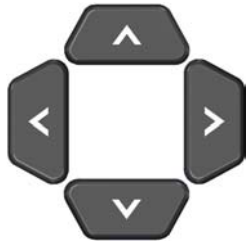
AUTO: display sensor ID format in the way sensor is transmitting.

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

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

5.1.4. Change Buzzer settings

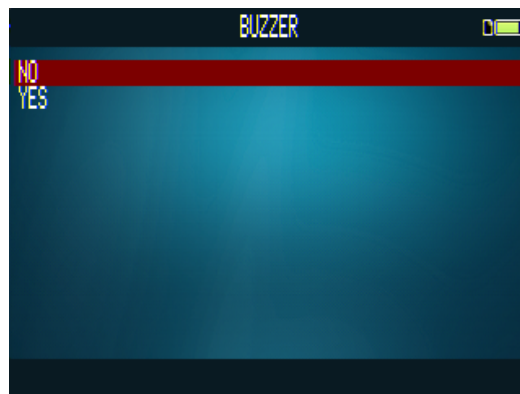
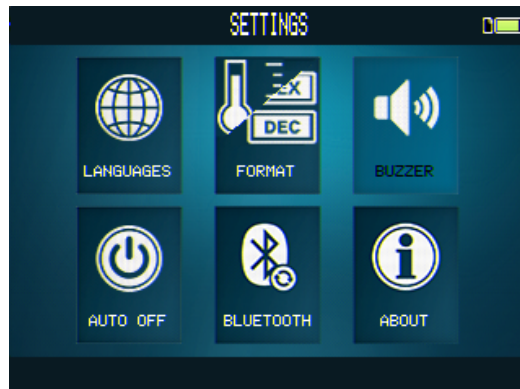
BUZZER: turn buzzer to ON or OFF. (YES or NO). When buzzer on is set to **YES**, a beep is triggered when the sensor ID is detected.



Select the function or settings.



Scroll up and down to select **Yes** or **No**.



= Confirm



= Previous



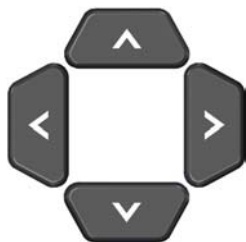
= Confirm



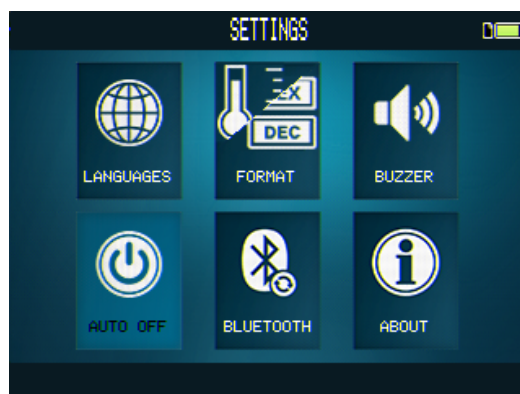
= Previous

5.1.5. Change Auto Off settings

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



Select the function or settings.



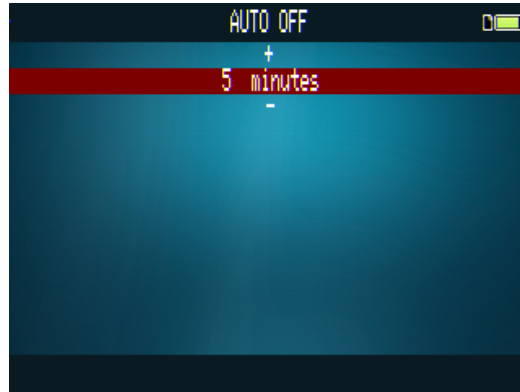
= Confirm



= Previous



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



= Confirm

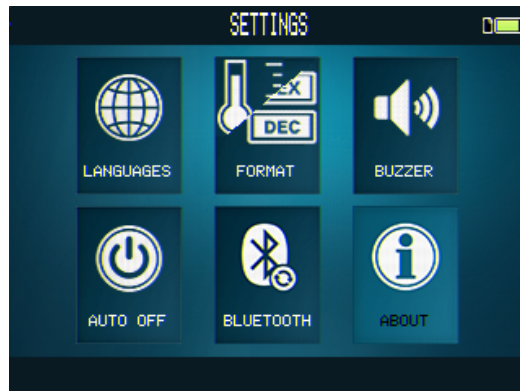
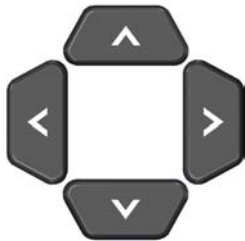


= Previous

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

5.1.6. Bluetooth

This is to pair the OBDII module to the tool.



= Continue

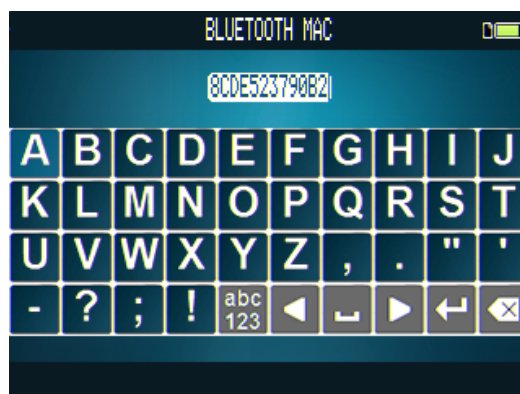


= Previous

Enter the MAC address found on the OBDII module.



Select characters



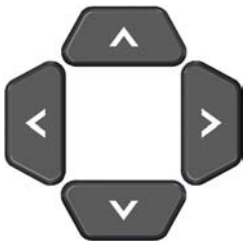
= Continue



= Previous

5.1.7. About

Displays the current version and information about the device.



= Continue



= Previous



= Previous

MISCELLANEOUS

1. CHARGE

Low Battery Indication

Your **TPMS TOOL** incorporates a low battery detection circuit. Battery life is an average of 800 sensor tests per battery charge (approximately 160 to 200 vehicles) this may change following the sensor model.

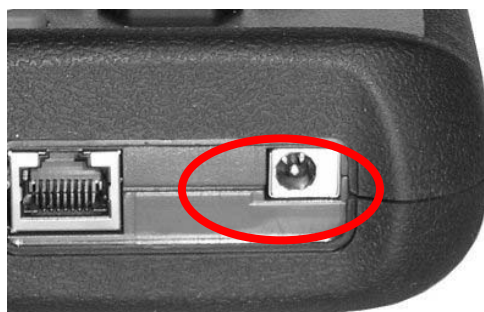
Battery indicator status:



When 0% 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.

When charging, the battery light is red and becomes green when the battery is fully charged.



For charging the tool directly plug the supply jack to the tool and plug the supply in an appropriate outlet. The LED "**CHARGE**" light will turn on (red).

Battery replacement



Unscrew the two screws on the back of the tool.

Remove the cap.

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

Reinstall the cap and the screws.



2. TOOL UPDATE

Updating Your TPMS TOOL

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

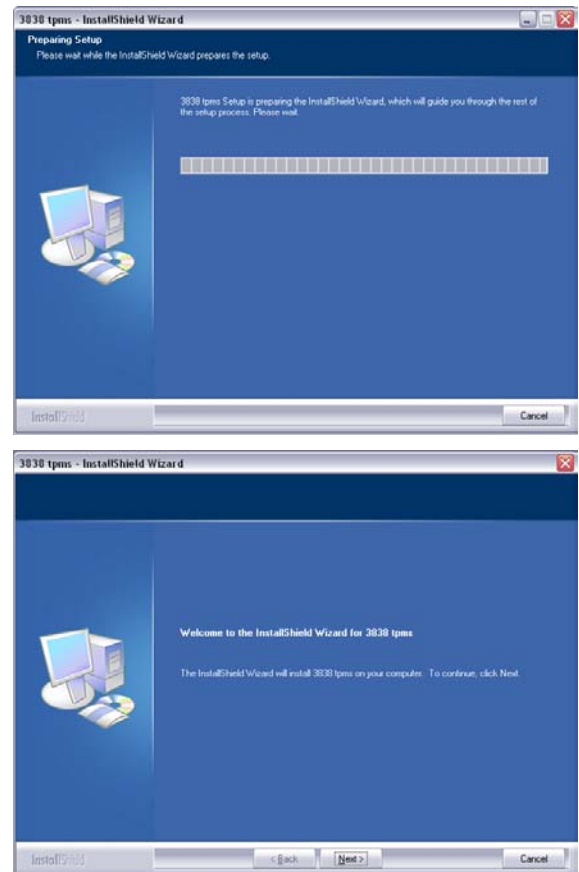
IMPORTANT: Temporarily turn off all of the anti-virus and spam blocking software on your computer. This is necessary to ensure a successful update.



2.1. INSTALL 3838 TPMS PC SUITE

1) Insert the CD, supplied with your tool, into the PC drive and click on the **3838 TPMS** icon to start the program.

2) Click "**Next >**" to continue on the "**Welcome to install Shield Wizard for 3838 TPMS**" screen.

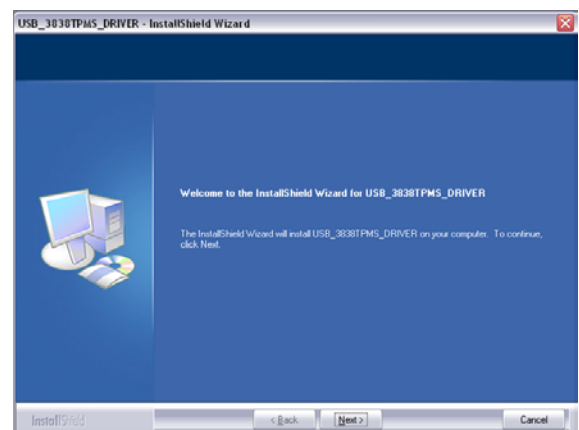
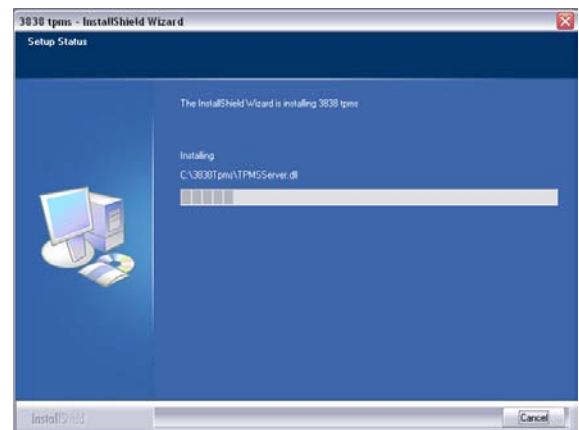
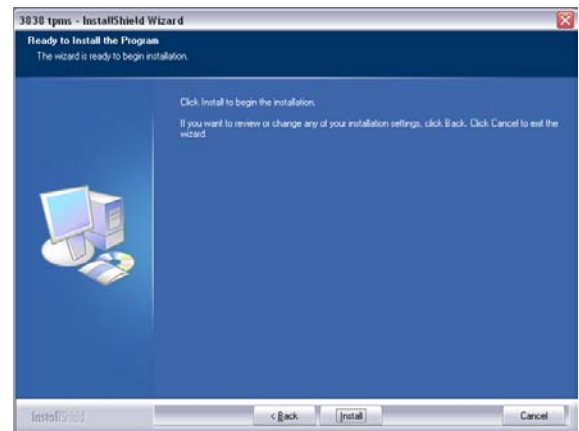


3) Click on "Install".

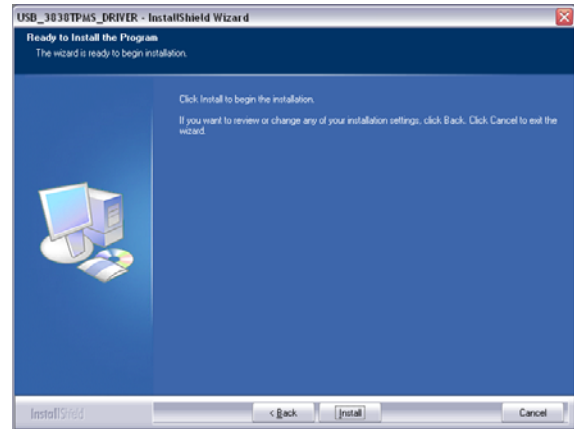
4) Until the software carries out the installation please wait.

5) When the installation is complete, click on "Finish".

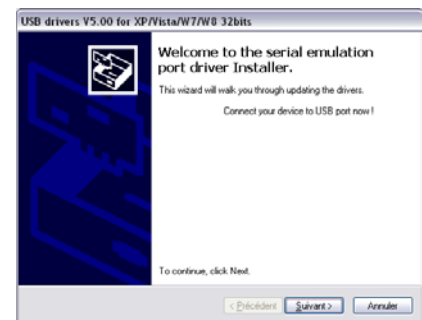
6) Click "Next >" to continue on "Welcome to the Install Shield Wizard for USB_Driver".



7) Click on **"Install"** to install the USB drivers.

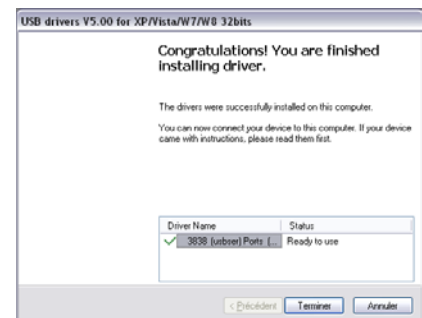


8) Click **"Next >"** to continue on the **USB/serial emulation** drivers.



9) The installation is complete, your device is ready to use, click on **"Finish"**.

10) Close all the installation Windows.



Note : if sometime the Windows© Security prompts you, please click on **"Continue Anyway"**.

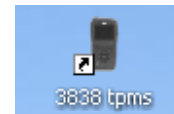


Note: To order annual update software part number, please see your dealer for availability and pricing.

2.2. SOFTWARE 3838 TPMS USE

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

2) Start **3838 TPMS** software.



3) If you are connected to a local network; please enter your local network Login and Password.

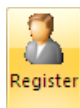
4) **Registering device:**

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

Click **"Yes"** to register.

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

5) **Registration information:**



To register the product, please enter information in the fields and **"Submit"**. These information will be paired with the connected tool.

6) Renew subscription:

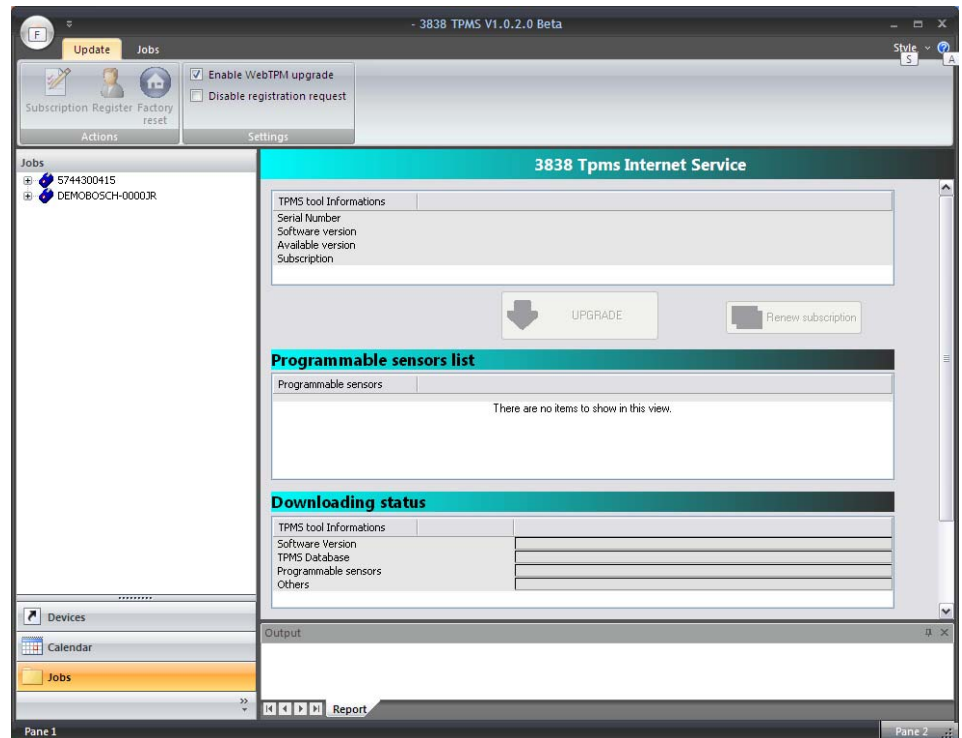
Please call your distributor to purchase a new subscription code.

Click on the  button to enter the new subscription code.



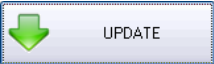
7) Main windows in the "Update" tab.

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



8) 3838tpms start:

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

Update: to update the device to the last version. Same as the  button.

Upload jobs: to upload all the sensors data triggered.



9) Tool information:

These windows informs you about the software and database information.

 The tool needs to be updated.
 The tool is up to date.

TPMS tool Informations	
Serial Number	DEMOBOSCH-00009
Software version	BT01-0-1506.1
Available version	BT01-0
Subscription	06 February 2018

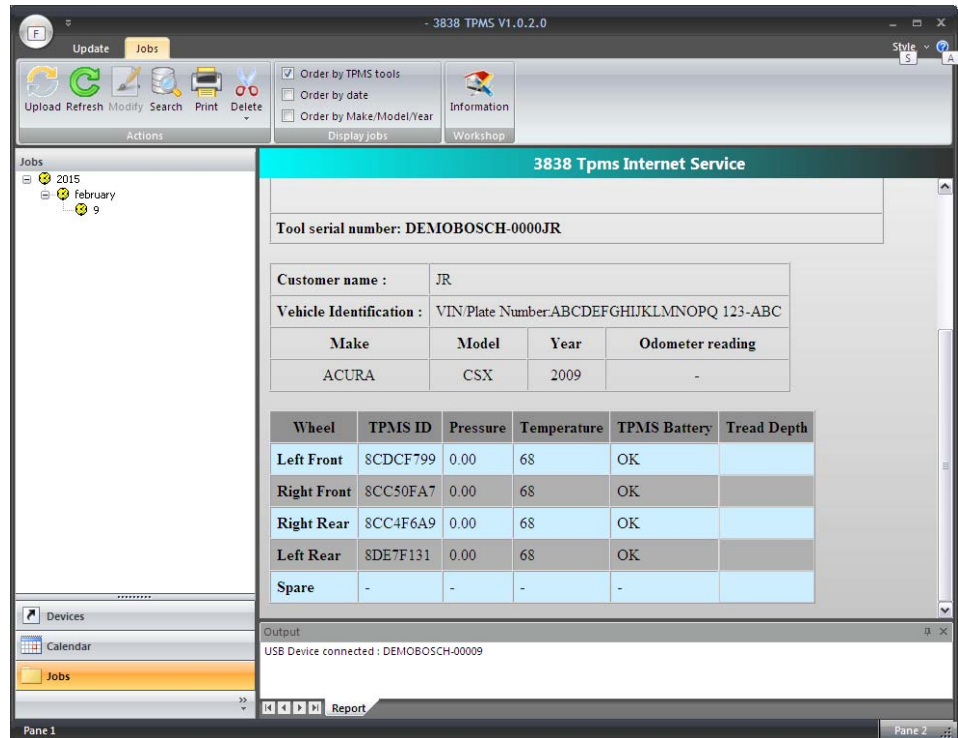
TPMS tool Informations	
Software Version	Obsolete
TPMS Database	Up to date
Programmable sensors	Up to date
Others	

10) Main windows in the "Jobs" tab.

This is to display the sensors triggered by cars.

To print these results

click on the  icon



Workshop Name :

Address :

Phone :

Service Report Number : 0JR00072	Time: 11:49:47	Date: 02/05/2015
Comments :		
Tool serial number: DEMOBOSCH-0000JR		

11) Print example:

The results will printed as the following example..

Customer name :	JR		
Vehicle Identification :	VIN/Plate Number:ABCDEFGHIJKLMNPOQ 123-ABC		
Make	Model	Year	Odometer reading
ACURA	CSX	2009	-

Wheel	TPMS ID	Pressure	Temperature	TPMS Battery	Tread Depth
Left Front	8CDCF799	0.00	68	OK	
Right Front	8CC50FA7	0.00	68	OK	
Right Rear	8CC4F6A9	0.00	68	OK	
Left Rear	8DE7F131	0.00	68	OK	
Spare	-	-	-	-	

2.3. USB INTERNET OPTION UPDATING

Before updating, ensure that the battery charge is full.

- 1) Connect the USB cable from the **TPMS TOOL** to the **PC**, and turn the device on.
- 2) Start **3838 TPMS** software.
- 3) A screen will appear indicating “**Update Device**”.
- 4) You can also print “**Sensor IDs**” from here as well.
- 5) Press “**Yes**” to update to the latest software version. Update will take several minutes to complete and the status bar will indicate the percentage of update completed.

Warning!

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

2.4. SD CARD OPTION (NON INTERNET) UPDATING

Before updating, ensure that the battery charge is full.

- 1) Place the **SD card** into slot, pins facing upwards.
- 2) Turn the **TPMS TOOL** on and go to Main Menu.
- 3) Scroll down to **YES** and press enter.
- 4) You will now see File Selection, press the  key.
- 5) The tool will now update its software version.
- 6) When installation is complete, the tool will automatically turn off. **Remove the SD card.**
- 7) Turn the **TPMS TOOL** on. The latest software version will be displayed on the screen.

Warning!

Do not turn off the TPMS TOOL or extract the SD card during the update process. This may result in serious damage to the tool.

3. PRINT SENSOR DETAILS

Note: This feature is available after the user has triggered the sensors in the vehicle and by retrieving from the "Recent vehicle" menu.

The following process is right for the printer model : **BRIGHTTEK Mobile Printer**. Operation is not guaranteed for other infrared printer models.

1) Power on the printer, press the  button until the green light is flashing .

2) The printer will be ready when the battery light is on .

The  button is for feed the paper.

Note: the link between the tool and the printer is infrared.

```

TOYOTA
RAV4
2012
---- LEFT FRONT ----
Sensor ID : E89D500
Pressure : 0.03 Bar
Temperature : 23 C
Battery state: OK
---- RIGHT FRONT ----
Sensor ID : 2A6E100
Pressure : 0.08 Bar
Temperature : 23 C
Battery state: OK
---- RIGHT REAR ----
Sensor ID : 559E00F
Pressure : 0.03 Bar
Temperature : 26 C
Battery state: OK
---- LEFT REAR ----
Sensor ID : 559FA29
Pressure : 0.03 Bar
Temperature : 25 C
Battery state: OK
    
```



3) Select with the arrows the  icon.

4) Printing the results by pressing **Enter**.



= Print



= Previous

4. TROUBLESHOOTING

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

- 1) The vehicle does not have a sensor even though a metal valve stem is present. Be aware of Schrader rubber style snap-in stems used on TPMS systems.
- 2) The sensor, module or ECU itself may be damaged or defective.
- 3) The sensor may be the type that periodically triggers on its own and is not designed to respond to a triggering frequency.
- 4) Your **TPMS TOOL** may require a software upgrade.
- 5) Check "Auto Off" time settings for screen display.
- 6) Your **TPMS TOOL** is damaged or defective.

5. LIMITED WARRANTY / CERTIFICATE(S) FOR

5.1. BOSCH® LIMITED WARRANTY (UNITED STATES)

THIS WARRANTY IS EXPRESSLY LIMITED TO ORIGINAL RETAIL BUYERS OF BOSCH® NEW OR REFURBISHED ELECTRONIC DIAGNOSTIC TOOLS ("UNITS").

- **New BOSCH® Units and Smart Cable** are warranted against defects in materials and workmanship for one year (12 months) from date of purchase.
- **Refurbished BOSCH Units and Smart Cable** are warranted against defects in materials and workmanship for 90 days from date of purchase.
- **Scope Module and Gas Module (Analyzer)** are warranted against defects in material and workmanship for one year (12 months) from date of purchase.
- **Rechargeable Batteries, Cables, Sample Cell, O2 Sensor, NOx Sensor, and Pump** are warranted against defects in material and workmanship for 90 days from date of purchase.
- This warranty does not cover consumable items, including, without limitation, non-rechargeable batteries, filters, printer paper, calibration gas, case, or probe/hose assembly.
- This warranty only covers products manufactured by BOSCH®. BOSCH® will pass through to the original purchaser all manufacturers warranties. For all products manufactured by third parties, please see the original manufacturer's warranty for details.

This Warranty is only valid to the original purchaser of the Unit and is not transferable. 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 Unit to BOSCH®. This Warranty does not cover any Unit that has 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 regarding use. This Warranty does not cover battery leakage. The sole and exclusive remedy for any Unit found to be defective is repair or replacement, at the option of BOSCH®. In no event shall BOSCH® be liable for any direct, indirect, special, incidental or consequential damages (including lost profit)

whether based on warranty, contract, tort or any other legal theory. The existence of a defect shall be determined by BOSCH® in accordance with procedures established by BOSCH®. No one is authorized to make any statement or representation altering the terms of this warranty.

DISCLAIMER

THE ABOVE WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

SOFTWARE

Unit software is proprietary, confidential information protected under copyright law. Users have no right in or title to Unit software other than a limited right of use revocable by BOSCH®. Unit software when correctly installed, will execute its programmed instructions. BOSCH® does not warrant that software will operate uninterrupted or error-free. Unit software may not be transferred or disclosed without the written consent of BOSCH®. Unit software may not be copied except in ordinary backup procedures.

Technical Support

If you have any questions on the operation of the product, please call (800) 533-6127.

Repair Service

- Please contact Technical Support for troubleshooting and service options prior to sending any unit in for repair.
- To send a unit in for repair, go to **www.repairtrack.bosch-automotive.com** and follow the online instructions. This web site will also have the latest Service policies and service center locations. If you do not have internet access, please call (800) 344-4013.

5.2. GARANTIE LIMITÉE DE BOSCH® (CANADA)

LA PRÉSENTE GARANTIE EST EXPRESSÉMENT LIMITÉE AUX ACHETEURS ORIGINAUX AUPRÈS D'UN DÉTAILLANT EN OUTILS DE DIAGNOSTIC ÉLECTRONIQUE (« UNITÉS »), NEUFS OU REMIS À NEUF, DE BOSCH®.

- **Les Unités et le câble intelligent BOSCH® neufs** sont garantis contre les défauts relatifs aux matériaux et à la main d'œuvre pendant une période d'un an (12 mois) à compter de la date d'achat.
- **Les Unités et le câble intelligent BOSCH remis à neuf** sont garantis contre les défauts relatifs aux matériaux et à la main d'œuvre pendant une période de 90 jours à compter de la date d'achat.
- **Les modules Scope (Champ) et Gas (Gaz) (Analyseur)** sont garantis contre les défauts relatifs aux matériaux et à la main d'œuvre pendant une période d'un an (12 mois) à compter de la date d'achat.
- **Les piles rechargeables, les câbles, le compartiment de prélèvement, le capteur O2, le capteur d'oxyde d'azote et la pompe** sont garantis contre les défauts relatifs aux matériaux et à la main d'œuvre pendant une période de 90 jours à compter de la date d'achat.
- La présente garantie ne couvre pas les articles consommables incluant, sans s'y limiter, les piles non rechargeables, les filtres, le papier d'imprimante, le gaz d'étalonnage, le boîtier ou l'ensemble sonde/tuyau.
- Elle couvre uniquement les produits fabriqués par BOSCH®. BOSCH® transmettra à l'acheteur d'origine toutes les garanties des fabricants. Pour tous les produits fabriqués par des tiers, veuillez consulter la garantie du fabricant d'origine pour plus de renseignements.

La présente garantie est valide uniquement pour l'acheteur d'origine de l'Unité et n'est pas transférable.

Toute réclamation au titre de la garantie doit être soumise pendant la période de garantie et la preuve d'achat doit être fournie. Elle ne couvre pas les frais de port appliqués au renvoi de l'Unité à BOSCH®. La présente garantie ne couvre aucune Unité utilisée de façon abusive, altérée, ouverte, usée, contaminée, utilisée à d'autres fins que celles pour lesquelles elle a été conçue ou utilisée d'une façon qui ne correspond pas aux instructions d'utilisation. Elle ne couvre pas les fuites de la pile. Le seul et unique recours concernant une Unité qui s'avérerait défectueuse est de la faire réparer ou remplacer, à la discrétion de BOSCH®. En aucun cas, BOSCH® ne saurait être tenu pour responsable de tout dommage direct, indirect, particulier ou accessoire (y compris la perte de profits), qu'il soit basé sur une garantie, un contrat, un tort causé ou toute

autre théorie juridique. L'existence d'un défaut devra être déterminée par BOSCH® en conformité avec la procédure établie par BOSCH®. Nul n'est autorisé à faire une quelconque déclaration ou proposition altérant les termes de la présente garantie.

AVIS DE NON-RESPONSABILITÉ

LA GARANTIE CI-DESSUS REMPLACE TOUTE AUTRE GARANTIE, EXPRESSE OU IMPLICITE, Y COMPRIS TOUTE GARANTIE DE VALEUR MARCHANDE OU D'ADÉQUATION À UNE UTILISATION SPÉCIFIQUE.

LOGICIEL

Le logiciel de l'Unité est une propriété exclusive, ses renseignements sont confidentiels et protégés par la loi sur les droits d'auteur. Les utilisateurs n'ont aucun droit ou titre sur le logiciel de l'Unité autre que le droit limité d'usage qui est révocable par BOSCH®. Lorsque le logiciel de l'Unité est correctement installé, il exécute ses instructions programmées. BOSCH® ne garantit pas que le logiciel fonctionnera sans interruption ou sans erreur. Le logiciel de l'Unité ne peut en aucun cas être transféré ou divulgué sans le consentement écrit de BOSCH®, et ne doit pas être copié sauf dans le cadre des procédures de sauvegarde ordinaires.

Soutien technique

Si vous avez des questions concernant le fonctionnement du produit, veuillez téléphoner au (800) 533-6127.

Service de réparation

- Veuillez communiquer avec le soutien technique pour obtenir un dépannage et pour connaître les options de service avant d'envoyer une unité en réparation.
- Pour envoyer une unité en réparation, rendez-vous sur le site www.repairtrack.bosch-automotive.com et suivez les instructions en ligne. Vous y trouverez également les dernières politiques de service et les localisations des centres de services. Si vous n'avez pas d'accès Internet, veuillez appeler le (800) 344-4013.

5.3. GARANTÍA LIMITADA DE BOSCH®

(VÁLIDA SÓLO PARA MÉXICO)

ESTA GARANTÍA ESTÁ EXPRESAMENTE LIMITADA A COMPRADORES DE HERRAMIENTAS (“UNIDADES”) NUEVAS O RECONSTITUIDAS DE DIAGNÓSTICO ELECTRÓNICO BOSCH®.

- **Las unidades y el Smart Cable nuevos de BOSCH®** están garantizados contra defectos en los materiales y la fabricación por un año (12 meses), a partir de la fecha de compra.
- **Las unidades y el Smart Cable reconstituidos de BOSCH®** están garantizados contra defectos en los materiales y la fabricación por tres meses, a partir de la fecha de compra
- **El módulo de Osciloscopio y el módulo de Gas (analizador)** están garantizados contra defectos en los materiales y la fabricación por un año (12 meses), a partir de la fecha de compra.
- **Las baterías recargables, los cables, la celda de muestreo, el sensor de O2, el sensor de NOx y la bomba** están garantizados contra defectos en los materiales y la fabricación por tres meses, a partir de la fecha de compra.
- Esta garantía no cubre artículos consumibles, que incluyen, sin limitación, baterías no recargables, filtros, papel para impresora, gas para calibración, estuche o conjunto de sonda/manguera.
- Esta garantía sólo cubre productos fabricados por BOSCH®. BOSCH® transferirá al comprador original todas las garantías de otros fabricantes. En el caso de productos fabricados por terceros, consulte la garantía del fabricante original para conocer los detalles.

Esta garantía sólo es válida para la persona que adquiera la Unidad de un Distribuidor Autorizado de BOSCH y no es transferible. Todos los reclamos de la garantía deben hacerse dentro del período especificado por la garantía. Para hacer válida esta garantía, deberá presentar el producto, acompañado del comprobante de compra correspondiente en el establecimiento del Distribuidor Autorizado BOSCH en que haya hecho su compra. Esta garantía no cubre ninguna Unidad que haya sido maltratada, modificada, abierta, desgastada, contaminada y usada en condiciones distintas a las normales o para un fin distinto de aquel para el cual fue diseñada, o que haya sido

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Soporte técnico en Español

Si tiene preguntas sobre el funcionamiento del producto, comuníquese al (01800)5045-111.

Servicio de reparación

- Póngase en contacto con Soporte técnico para adquirir refacciones o recibir opciones de solución de problemas y de servicio antes de enviar cualquier unidad a reparación, marcando al (01800)5045-111 o en la siguiente dirección:

BOSCH Mexico Mitla 442, Col. Vertiz Narvarte, Distrito Federal, 03600 Mexico

Importado en México por: BOSCH, 655 Eisenhower Drive, Owatonna, MN 55060

Fecha de compra: _____	*
Distribuidor: _____	*
Dirección: _____	*
Marca: _____	*
Modelo: _____	*
(*Para hacer válida la garantía, la información contenida en el comprobante de compra debe coincidir con la información contenida en la garantía)	

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Bosch Automotive Service Solutions
655 Eisenhower Drive
Owatonna, MN 55060
Phone 800-533-6127
FAX 507-455-7451

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7. SAFETY BATTERY AND CHARGE INFORMATION

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

Operating environment

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

Use the device only in its normal operating positions.

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

About Charging

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

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

About the Charger

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

Allow ventilation around the charger when using it. Do not cover the charger with paper or other objects

that will reduce cooling. Do not use the charger while it is inside a carrying case.

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

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

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

Do not use it as a power source.

Unplug it before attempting to service or clean it.

About the Battery

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

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

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

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

Safety for Lithium Polymer battery use

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

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

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

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

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

If you see some smoke or some liquid out of the battery, stop the charge immediately. Disconnect the

charger and place the tool in an isolated area for at least 15 minutes. **DO NOT USE THE BATTERY AGAIN**, return the device to your seller.

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

It must neutralize the Lithium Polymer battery elements unusable. The neutralization process must be performed with very strict security fit. It is recommended that you return us the tool, we will collect the battery out of use and gives to a specialized recycler.

Do not dispose of Lithium Polymer batteries to the dustbin.

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

To prevent leakage or other hazards, do not store batteries above **60°C** (140°F). Never leave the battery inside a car (for example) where the temperature could be very high or in a place where temperatures could exceed **60°C** (140°F). Store the battery in a dry place to avoid contact with liquid, whatever the type. Store the battery only on a

nonflammable surface, heat resistant, non conductive and away from all flammable materials or sources. Always store the battery out of reach of children.

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

If you don't 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!

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

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

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

8. RECYCLING

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



These components must be collected and recycled.



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

Index

3			
3838 TPMS PC suite	31	O	
A		Operating instructions	7
About	29	Overview	7
Auto off	28	P	
B		Power on/off	6
Battery	45	Power supply	45
Bluetooth	28	Printer	38
Buzzer	27	Printing Results	38
C		Program blank sensor	16
Caution	4, 45	R	
Charge	30	Recycling	46
Charger	45	relearn procedure	13
Charging	45	S	
Check sensor	8	Safety instructions	3
Copy sensor	17	Safety precautions	45
Create new sensor	20	SD card option	37
E		SD card slot	31
ECU Reprograming	11	Security	45
Environment	45	Settings	23
F		Slot SD	31
Format	26	Software installation	33
Function keys	5	Software updating	33
H		Specifications	2
History	22	T	
I		Tool update	31
Icons	6	Troubleshooting	38
L		U	
Language	23	Units	25
Limited warranty	39	USB Internet Options	37
M		Use	8
Main Menu	8	Use Instructions	4
Miscellaneous	30	W	
		Warning	3

