VDO TPMS Go

User manual

24/2018 – EN





REVISION OF THE VDO TPMS GO 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/</u> <u>Revision</u>	<u>Reference</u>	<u>Date</u> (week/year)	Chapters updated
First edition		24/2018	Firmware version HV1-13-11

TABLE OF CONTENTS

User guide	2
VDO TPMS GO TOOL	2
1. SPECIFICATIONS	2 3 4 5 6 7
1. CHECK SENSOR 2. PROGRAM BLANK SENSOR 3. PART LOOKUP SETTINGS	8 .11 .17 19
1. SETTINGS MENU	.19 23
1. THE ABOUT MENU	23 24
1. LANGUAGE MENU RECENT SENSOR DATA	.24 25
1. RECENT SENSOR DATA MISCELLANEOUS	.25 26
1. CHARGE	26 27 27 29 .29 .31 .31 .31
9. RECYCLING	.31

Index

User guide

VDO TPMS GO TOOL

1. SPECIFICATIONS

Battery Type:	Rechargeable Li-Po (Lithium-Polymer).	
Battery Life:	Approximately 400 activations per full charge.	
Dimensions (Max. L,W,D):	16.5 cm x 9.5 cm x 3.8 cm (6.5" x 3.7" x 1.5")	
Housing 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:	0,35 Kg (0,7 lbs.)	
Temperature:	Operating: -4° F to 131° F (-20° C to +55° C). Storage: -40°F to 140° F (-40° C to +60° C).	
Operating Altitude:	Up to 2 000 m (6 560 ft).	
Device accessories:	USB cable Power supply USB stick with WebTPM PC software, driver program and user manual	





2. IMPORTANT SAFETY INSTRUCTIONS

Do not discard. Retain for future reference.

This device complies with:

- CE standards
- FCC rules
- RCM standards
- ROHS standards

Operation is subject to the following two conditions:

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

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

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 USE

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

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

1. Read All Instructions

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

2. Retain Instructions

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

3. Heed Warnings

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

4. Cleaning

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

5. Water & Moisture

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

6. Storage

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

7. Use

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



4. FUNCTION KEYS

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





5. POWER ON



Displays the VDO Logo as Fig. 1.

 \succ The software version as Fig. 2.



Fig. 1

VDO TPMS Go Version HV1-13-11 ZONE:EUROPE

Fig. 2

ZONE

AMERICA

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

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



Fig. 3



Fig. 4



6. OPERATING INSTRUCTIONS

6.1. TPMS TOOL OVERVIEW

Read and diagnose sensors.



Service Procedure

Read Sensor Test

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

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



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

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

Perform tire/wheel service.

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

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

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





VDO TPMS GO USE

IMPORTANT:

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

1. CHECK SENSOR





1.3. SELECT YEAR



1.4. SELECT WHEEL NUMBER

This option does not appear for all vehicles.





Use keypad for tire selection.



M	RAV4 III
ß	TRIGGER PROCESSING
₩J	C: 🗲 🛜: START



1.6. TEST RESULTS





2. PROGRAM BLANK SENSOR

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



2.1. PROGRAM BY SENSOR OR VEHICLE

This option offers to program a sensor, either by sensor brand or by vehicle.



2.1.1. Sensor selection mode





	VEHICLE SELECTION
	SUBARU
	SUZUKI
	TESLA
>	ΤΟΥΟΤΑ



2.1. SELECT CAR MANUFACTURER



2.2. SELECT VEHICLE MODEL



H

(C) STOP (OK) NEXT

The device displays the compatible references of the selected brand





> EU-Pro

HUF Intellisens

2.5. SELECT THE OPTION





2.6.1. Test results





2.7. PROGRAMMING SENSOR







Hold the new programmable sensor near the device antenna.

2.7.1. Results







C: 4

EE995DD

2.50 bar

433 MHz C: ←

RAV4 III

25°C

BAT: OK

2.8. "CREATE NEW SENSOR"





3. PART LOOKUP

This is a spare parts data base for all sensors available for each car.



3.1. SELECT CAR MANUFACTURER

VEHICLE SELECTION SUBARU SUZUKI TESLA > TOYOTA	OK	TOYOTA ProAce Combi > RAV4 III RAV4 IV Solara II
	C	

3.2. SELECT VEHICLE MODEL





3.1. SELECT YEAR



3.1. SELECT PART NUMBER





SETTINGS

1. SETTINGS MENU



Complete listing.

Enter menu or validate settings by using OK.

Key functional descriptions:

ZONE: to select the area of work, AMERICA, EUROPE, KOREA or JAPAN.

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

FORMAT: change the format of sensor ID display.

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

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

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



1.1. CHANGE ZONE SETTINGS



Press to enter.

At first start or after a factory reset, the zone option appears on the screen.

To apply a factory reset to the device, please use the WebTPM software.

Connect the **TPMS Go** device to the PC, open WebTPM and then click on the "**Factory reset**" button in the header menu.

1.2. CHANGE UNITS SETTINGS









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

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

1.4. CHANGE BUZZER ON SETTINGS

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





1.5. CHANGE CONTRAST SETTINGS





ABOUT

1. THE ABOUT MENU

Displays the current software version and information about the device.



ABC	DUT
S/N:	K360-10853
Version:	HV1-13-11
Database:	MYE1-62
Receiver 1:OK	2:-



LANGUAGE

1. LANGUAGE MENU



English / German / Spanish / Czech / French / Italian / Slovenian / Swedish / Danish / Hungarian / Slovak / Dutch / Romanian / Polish / Norwegian / Finnish / Portuguese / Turkish / Croatian / Greek / Russian / Hebrew / Chinese / Korean.



Scroll up and down to select language.



Press to select language.



RECENT SENSOR DATA

1. RECENT SENSOR DATA

When a new vehicle is triggered the result is automatically stored in the **RECENT SENSOR DATA** menu. You may recall the result and continue to trigger the entire vehicle. The data is automatically replaced if a new vehicle is triggered. The data remains in the memory even after the device has been turned off.





MISCELLANEOUS

1. CHARGE

Low Battery Indication

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

A full charge takes about 6 hours.

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

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

Battery Charging





USB Power supply connector

Fig. 6

When the battery is low, the "status bar" appears every 10 seconds. The display turns off when the battery loses power.

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

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

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



Battery replacement

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

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



2. TROUBLESHOOTING

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

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

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

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

- 4) Your **TPMS TOOL** may require a software upgrade.
- 5) Check "Auto Off" time settings for screen display.
- 6) Your **TPMS TOOL** is damaged or defective.

3. TOOL UPDATE

Updating your TPMS TOOL

As new cars and sensors becomes available, it will be necessary to upgrade your tool. Please follow the steps below:

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







3.1. INSTALL WEBTPM PC SUITE

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

2) Insert the USB key supplied with your tool into any available USB port and click on the **WebTPM** icon to start the program installation.

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

- 4) A window will appear to choose destination location, click "Next >"
- 5) Follow instructions until the window with the "Finish" button appears.
- 6) Click "Finish" when the WebTPM installation is complete.

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

3.2. UPDATING WITH WEBTPM

Before updating, ensure that the battery is fully charged.

- 1) Connect the USB cable between the **TPMS TOOL** and the **PC** and turn the device on.
- 2) Start WebTPM software.
- 3) A screen will appear indicating "Update Device".

4) 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 the computer off during the update process. This may result in serious damage to the tool.

www.vdo.com



4. LIMITED HARDWARE WARRANTY

VDO Limited Hardware Warranty

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

Remedies

VDO's entire liability and your exclusive remedy for any breach of warranty shall be to repair or replace the hardware. **VDO** may, at its option, use new or refurbished or used parts in good working condition to repair or replace any hardware product. Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer or for any additional period of time that may be applicable in your jurisdiction.

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

How to Obtain Warranty Support

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

Limitation of Liability

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

Duration of Implied Warranties

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

National Statutory Rights

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

No Other Warranties

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

Warranty Periods

The warranty period for the VDO TPMS Go device is two years.

5. SAFETY BATTERY AND CHARGE INFORMATION

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

Operating environment

Remember to follow any special current regulations in 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 parts. 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 Li-Po 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 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 Li-Po 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 Li-Po battery **ONLY** with the charger provided.

If the battery begins to overheat more than **60°C** (140° F), **IMMEDIATELY STOP** 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 smoke or liquid coming 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**, but return the device to your seller.

Keep a fire extinguisher for electrical fires handy while charging the battery. In the unlikely event that the Li-Po battery ignites, **DO NOT** use water to extinguish the fire, take some sand or a fire extinguisher as described above.

This must neutralize the battery elements so that they are unusable. The neutralization process must be performed with very strict security fit. It is recommended that you return the tool to us, so that we can collect the out of use battery and give this to a specialized recycler.

Do not dispose of Li-Po batteries in the dustbin.

The Li-Po battery is not suitable for children under 14 years. Do not let a Li-Po 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 Li-Po battery should be stored with a minimum charge of 30%. If you store completely discharged, it will quickly become unusable.

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

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

Using a Li-Po battery has a high risk of fires and can cause serious damage to property and persons, the user agrees to accept the risk and responsibility.

As the **c**ompany cannot control the proper use of the battery by each customer (charge, discharge, storage etc.); it cannot be held responsible for damage to persons and property.

6. CE STATEMENTS



The manufacturer of the **VDO TPMS Go** device declares that this device complies with the requirements of:

- ETSI EN 300 330 V2.1.1 (2017-02)
- ETSI EN 301 489-1/-3 V2.1.1 (2017-03)
- EN 61010-1:2010 (2014/35/EU)
- EN 62479:2010
- EN 61326-1:2013 (2014/30/EU)
- 7. FCC STATEMENTS



The manufacturer of the **VDO TPMS Go** declares that this device complies with the requirements of:

- PART 15B 2005
- PART 15C 47 CFR FCC PART 15.209

9. RECYCLING





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 VDO.



8. RCM STATEMENTS



The manufacturer of the **VDO TPMS Go** device declares that this device complies with the requirements of:

- CISPR 32:2015 / COR1:2016 Class B
- AS/NZS CISPR 32:2015 Class B

Index

Ρ

Part lookup	17
Power supply	
Program blank senso	r11
Programming sensor	
R	
RCM Conformity	
Recent sensor data	25
Recycling	
S	
Safety instructions	3
Safety precautions	29
Security	30
Settings	
Software installation	
Software undate	20 28
Specifications	20 2
T	∠
Tire selection	٥
Tool undate	
Troubloshooting	27 27
	20
	20
	۰۰۰۰۰۰۰ o
	4
VV	2
	პ იი
Z	00
∠one	20

Α	
About23	
Auto off22	
В	
Battery	
Buzzer	
С	
Caution4, 30	
CE Conformity31	
Charge26	
Charger	
Charging	
Check Sensor8	
Contrast22	
Copy original sensor13	
Create new sensor16	
D	
Device update28	
E	
Environment29	
F	
FCC Conformity31	
Format21	
Function keys5	
L	
Language24	
Low battery26	
Μ	
Main Menu8	
0	
Operating instructions7	
Overview7	

Page 32/32



