Tire Pressure Sensor System Tool Kit

TPMS4

TPMS diagnostic tool that tests tire pressure monitoring sensors, captures sensor data and relearns tire pressure monitoring systems. Also programs aftermarket sensors and prints sensor information. Perfect complement to a shop or technician that owns a Snap-on® diagnostic platform.

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Safety Signal Words

All safety messages contain a safety signal word that indicates the level of the hazard. An icon, when present, gives a graphical description of the hazard. Safety Signal words are:

⚠ DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury to the operator or to bystanders.

⚠ WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or to bystanders.

⚠ CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in moderate or minor injury to the operator or to bystanders.

Safety Message Conventions

Safety messages are provided to help prevent personal injury and equipment damage. Safety messages communicate the hazard, hazard avoidance and possible consequences using three different type styles:

- Normal type states the hazard.
- **Bold type states how to avoid the hazard.**
- Italic type states the possible consequences of not avoiding the hazard.

An icon, when present, gives a graphical description of the potential hazard.

Safety Message Example

⚠ WARNING

Risk of unexpected vehicle movement.

- **Block drive wheels before performing a test with engine running.**

A moving vehicle can cause injury.

SAVE THESE INSTRUCTIONS

SAFETY PRECAUTIONS

WARNING

• Use of diagnostic equipment can cause electrical shock, fire and explosion.

Use caution and proper procedures when connecting and disconnecting leads. Diagnostic equipment must be located 18" or more above floor level. Avoid sparks and other sources of ignition.

Electrical shock, flames and explosion can cause serious injury.

• Improper use can cause hazardous conditions.

Read and follow all safety precautions accompanying the product. Wear safety goggles.

Unexpected electrical, thermal or mechanical occurrences can cause injury.

• Electromagnetic and electronically generated waves may interfere with pacemakers.

Individuals with pacemakers should never use this product.

Using this product with a pacemaker can result in serious injury or death.

• Internal battery presents a risk of fire, explosion and electric shock.

Charge battery pack only with charger provided.

Do not store at temperatures above 120°F (49°C).

Do not discard used batteries; return them to a Snap-on repair center for recycling. Follow all safety messages in user manual.

Fire or explosion or electric shock can cause injury.

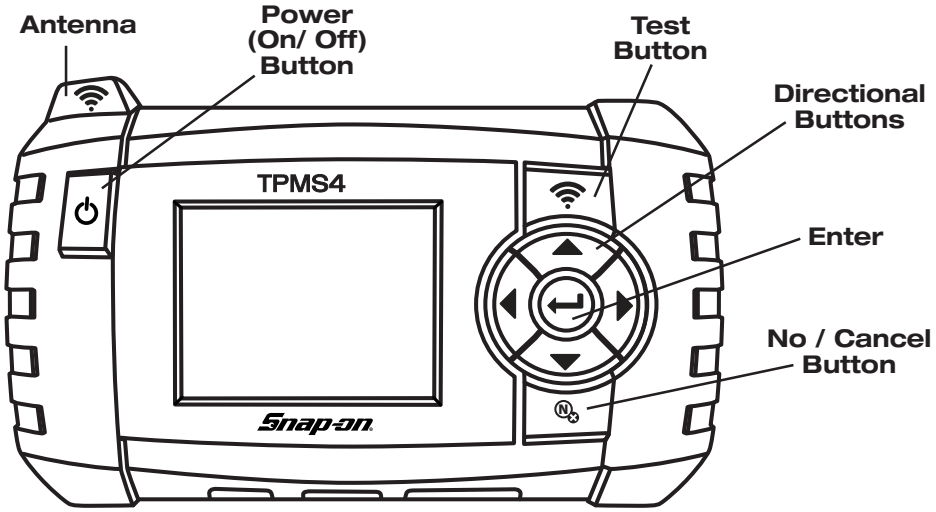
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

IP54 BC CE FCC ID: 2ANR7-TPMS4

TPMS4 QTY: 1
Caution! Lithium-Ion Battery
For Emergencies only. Call CHEMTREC
1-800-424-9300 US and Canada
+1-703-741-5970 International
3.8V 20.0 Amps 11.59 Wh

Chapter 1: Introduction

TPMS diagnostic tool that tests tire pressure monitoring sensors, captures sensor data and relearns tire pressure monitoring systems. Also programs aftermarket sensors and prints sensor information.



Kit Contents

TPMS4
Diagnostic Tool

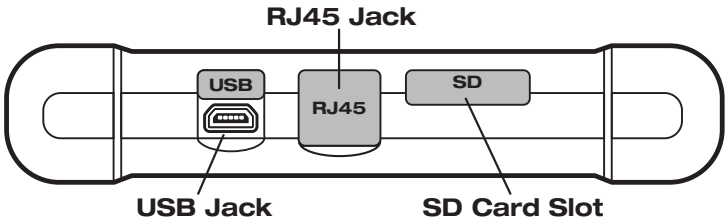
TPMS3-4
USB Cable

TPMS4-7
AC/DC Power Adapter

TPMS4-9
Soft Carry Case

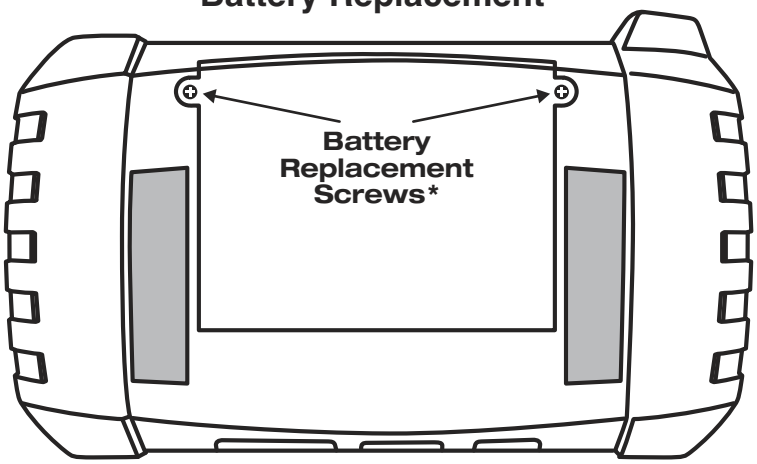
TPMS4-10
TPMSconnect USB Jump Drive

Bottom View

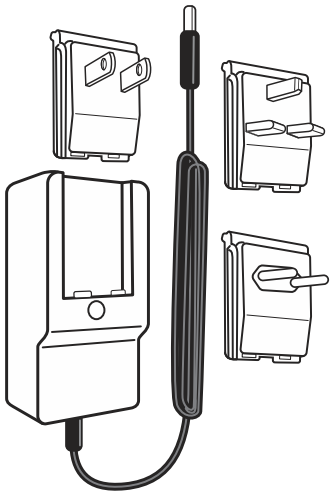


Nylon Soft Case

Battery Replacement



* Torque to 0.26 – 0.43 in-Lb



Included Power Adaptors

When testing sensor position TPMS4 antenna on sidewall near valve. Press TEST to trigger sensor.

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Snap-on, 2801 80th Street, Kenosha, WI 53143

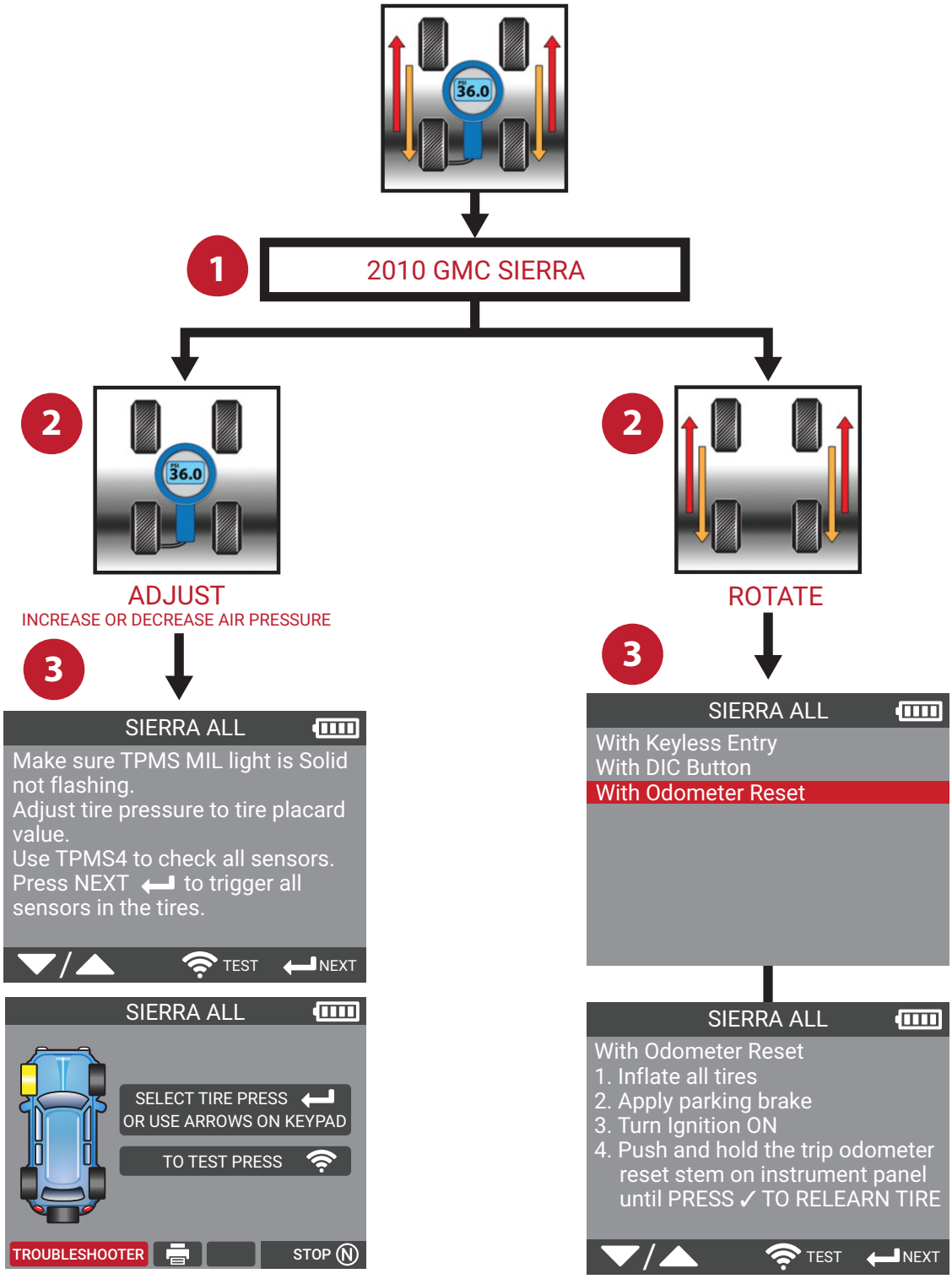
On certain applications such as Asian vehicles, a Snap-on diagnostic scan tool is required to place the vehicle into relearn mode. For these applications, the TPMS4 triggers the TPM sensors in order to register the sensor IDs to the on-board vehicle computer.

A Test Pressure

Perform this function to retrieve TPM sensor information,such as Unique sensor ID, Pressure, Frequency,Temperature, Battery status (Note: Ford banded style-sensors requires the triggering to be performed 180 degree from valve stem).The following sensor information insures that the TPMS sensor is correct and that it is working as designed.

B Adjust / Rotate

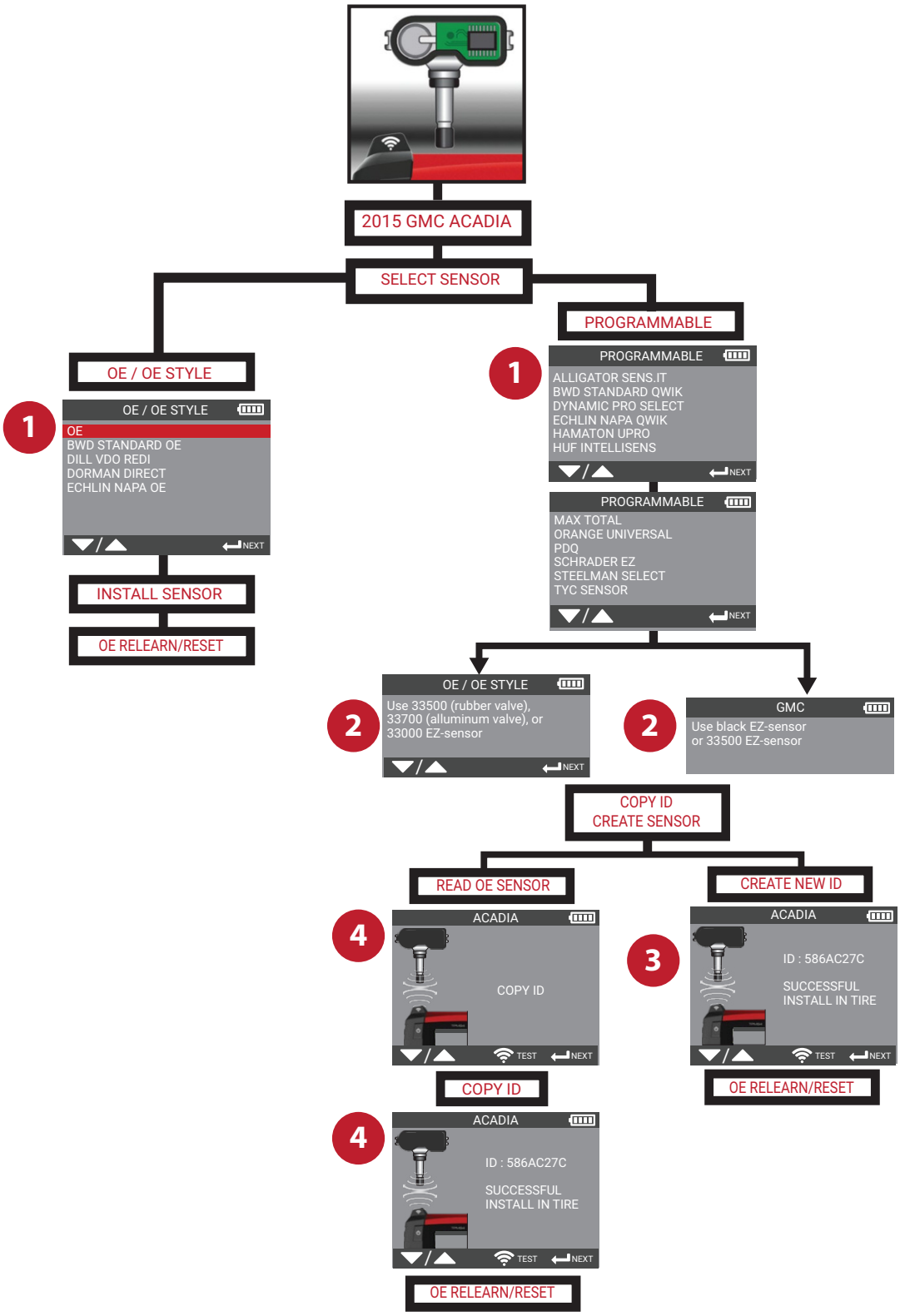
Perform the TPM system reset of relearn procedure after tire service, such as a rotate or after pressure adjustment.Note: Cold pressure adjustment is always recommended when adjusting pressure to recommended placard specification.



EXPANDS TPMS4 TOOL TO INCLUDE INFLATION

C Replace Sensor

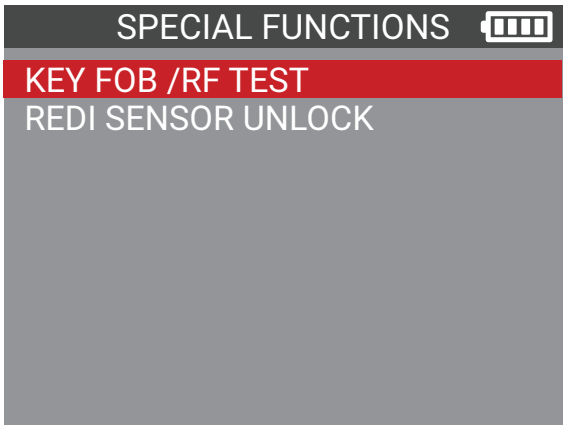
Perform vehicle sensor replacement for OE or aftermarket Programmable sensor brands. Follow on screen instructions as well as relearn the TPM system after all sensors have been replaced. Each specific relearn procedure is provided along with sensor programming instructions.



D Special Functions

Special enhanced functions are enabled to the TPMS4 that allows the user to perform and insure that the vehicle will achieve relearn mode and the registration of the new sensor ID's are successful. The special functions will include Key fob testing, REDI Sensor - Unlock, and future TPMS procedures.

1



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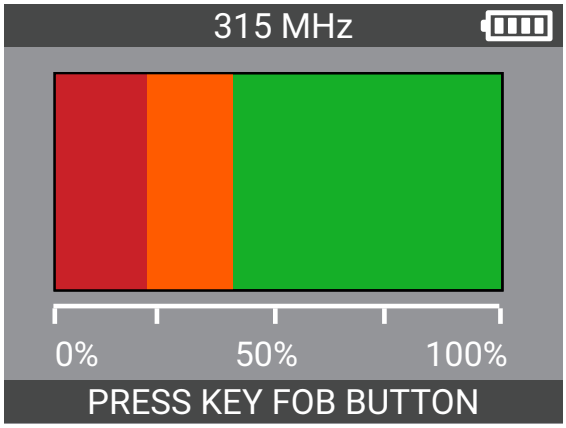


E Relearn

Specific vehicle instructions to assist in registering the new sensor ID's after a new sensor replacement. Instructs for the use of Snap-on diagnostic equipment to scan for DTC codes, as it may direct the user to an in-depth diagnosis. Diagnosis of all DTC's is always recommended before a successful RELEARN can be achieved.

1 MAKE / MODEL / YEAR

2 RELEARN PROCEDURE

3

ALTIMA

This process requires the use of your Snap-on Scan tool.
Connect Scan tool to OBDII port and select TPMS from Menu. Use of TPMS4 will be required to activate all sensors.

TROUBLESHOOTER | STOP

GMC ACADIA

1. Inflate all tires
2. Turn Ignition ON
3. Press and hold unlock and lock button on key fob until horn sounds
4. Use TPMS4 to activate LF Sensor
5. Single horn sounds

TROUBLESHOOTER | STOP

AFTER RELEARN PROCEDURE IS COMPLETED DRIVE VEHICLE. IF FLASHING TPMS LIGHT IS ON CONNECT SCAN TOOL TO RETREIVE TPMS CODES

F Setting / Updates

Customizable settings to suit the user's preference, such as world regions, SI or Metric, and language.

TOOL SETTINGS

1

SETTINGS

REGION : AMERICA
UNITS : PSI / F
FORMAT : AUTO
BUZZER ON : YES
AUTO OFF : 5 minutes
LANGUAGE : ENGLISH
ABOUT

2

REGION

AMERICA
EUROPE

3

UNITS

PSI/ºF
PSI/ºC
kPa/ºC
kPa/ºF
bar/ºF
bar/ºC

4

EUROPE

LOADING. . .

5

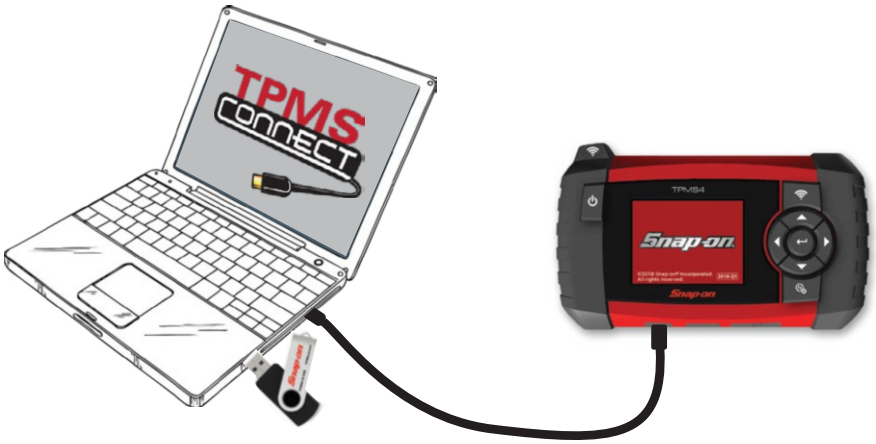
ABOUT

Tech Support #844.349.8767
support@tpmsconnect.com

SN :	B365-06685
VERSION :	JALL2-07-02
BOOTLOADER :	02.000
DATABASE :	JYA1-56
RELEARN :	JZA1-56

G Setting / (UPDATE)

CONNECT USB DRIVE TO PC



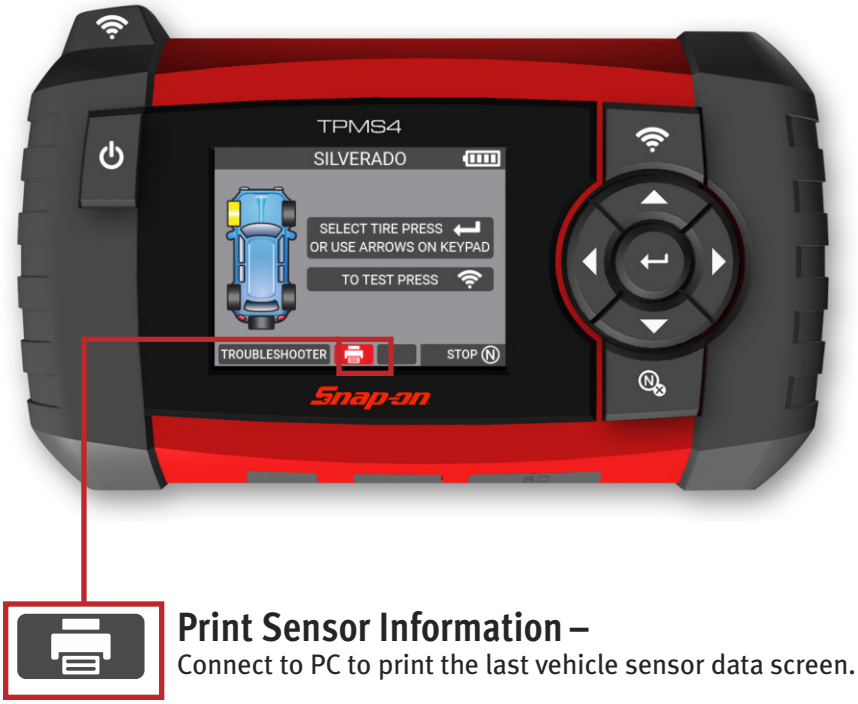
CONNECT TPMS4 TO PC

TPMSCONNECT

USB Jump Drive TPMSconnect

The USB jump drive is used to install the TPMSconnect portal and also includes TPMS4 User's manual. Insert the USB Jump Drive into the PC or Laptop USB port and follow the on-screen instructions. This will provide the user with initial product registration and it will also bring the TPMS4 to the most current software version. After the first 12-months the purchase of TPMS4U update will allow software updates for a 12-month time period.

Chapter 3: PC Print Instructions



Print Sensor Information –
Connect to PC to print the last vehicle sensor data screen.

Printing sensor information such as Sensor ID, Pressure, Temperature and Battery condition is a feature of the **TPMS4**. This function is performed after triggering the vehicle sensors and connecting the **TPMS4** through the **WebTPM** portal. In some cases, printing sensor information requires the most current software version to be functional.

IMPORTANT:
This feature is only available after the user has triggered the TPM sensors in the vehicle, and the tool has not been turned off.

1) Trigger TPM sensors with the **TPMS4**.
2) Open up the TPMSconnect portal.
3) Connect USB cord to PC/Laptop and docking station.
4) In the TPMSconnect portal, select "Print Sensor Information".
5) Sensor information is sent to the printer.

Printing Result function will not be available if the **TPMSconnect** software driver is not installed.

TPMS4 WARRANTY/SERVICE AND REPAIR

Snap-on Tools Company Limited One (1) Year Warranty

Snap-on Tools Company (the “Seller”) warrants only to original purchasers who use the Equipment in their business that under normal use, care and service, the Equipment (except as otherwise provided herein) shall be free from defects in material and workmanship for one year from the date of original invoice. Seller does not provide any warranty for accessories used with the Equipment that are not manufactured by Seller.

SELLER’S OBLIGATIONS UNDER THIS WARRANTY ARE LIMITED SOLELY TO THE REPAIR OR, AT SELLER’S OPTION, REPLACEMENT OF EQUIPMENT OR PARTS WHICH TO SELLER’S SATISFACTION ARE DETERMINED TO BE DEFECTIVE AND WHICH ARE NECESSARY, IN SELLER’S JUDGMENT, TO RETURN THIS EQUIPMENT TO GOOD OPERATING CONDITION. NO OTHER WARRANTIES, EXPRESS OR IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY AND ALL SUCH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED.

SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL COSTS OR DAMAGES INCURRED BY PURCHASERS OR OTHERS (including, without limitations, lost profits, revenues, and anticipated sales, business opportunities or goodwill, or interruption of business and any other injury or damage).

This Warranty does not cover (and separate charges for parts, labor and related expenses shall apply to) any damage to, malfunctioning, inoperability or improper operation of the Equipment caused by, resulting from or attributable to (A) abuse, misuse or tampering; (B) alteration, modification or adjustment of the Equipment by other than Seller’s authorized representatives; (C) installation, repair or maintenance (other than specified operator maintenance) of the Equipment or related equipment, attachments, peripherals or optional features by other than Seller’s authorized representatives; (D) improper or negligent use, application, operation, care, cleaning, storage or handling; (E) fire, water, wind, lightning or other natural causes; (F) adverse environmental conditions, including, without limitation, excessive heat, moisture, corrosive elements, dust or other air contaminants, radio frequency interference, electric power failure, power line voltages beyond those specified for the Equipment, unusual physical, electrical or electromagnetic stress and/or any other condition outside of Seller’s environmental specifications; (G) use of the Equipment in combination or connection with other equipment, attachments, supplies or consumables not manufactured or supplied by Seller; or (H) failure to comply with any applicable federal, state or local regulation, requirement or specification governing emission analyzers and related supplies or consumables.

Repairs or replacements qualifying under this Warranty will be performed on regular business days during Seller’s normal working hours within a reasonable time following purchaser’s request. All requests for Warranty service must be made during the stated Warranty period. Proof of purchase date is required to make a Warranty request. This Warranty is nontransferable.

US SERVICE AND TECH SUPPORT

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Livonia, Michigan 48150

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Assembled in Thailand

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