Can You Service Vehicles With TPMS?

There are over 40 million vehicles currently equipped with Tire Pressure Monitoring Systems (TPMS), and today all new vehicles sold in the US are required to have this system. TPMS equipped vehicles require special tools to perform routine tire rotation/replacement and related services. Specifically, a tool kit that provides the capability to test wheel sensors and “reset” the TPMS are required.

The OTC TPMS Kit is the Total Solution!

» TPM tool software and manuals cover current available model year and are easily updated.
» Easy-to-follow tool menu and graphics clearly show test options, procedures and on-screen directions.
» Auto Scan feature provides a “one button” activation mode which automatically scans for TPMS sensor communication.
» Diagnostics uses a make-year-model input which automatically selects the proper sensor communication.
» Auto Scan and Diagnostics are useful for pre-testing sensors for proper functionality prior to service.
» Reset Procedure graphically guides the user through the complete procedure, including references to the reset guide.
» Sensor info may be saved and printed with optional printer.
» Reset manuals include critical and comprehensive vehicle set up and reset procedure, along with system descriptions and specifications.
» Tool software provides English, Spanish, and French options.
» Optional battery stick and charging cradle offers extended battery life and eliminates need to change batteries.
» 3-year Warranty.
The OTC TPMS Kit is the Total Solution

The OTC Tire Pressure Monitor Tool Kit is a complete universal kit providing the tools and information necessary to test wheel sensors and reset TPMS. The Tire Pressure Monitor tool features easy menus, graphics, and directions that help to guide you. The software has the options to Auto Scan or Diagnostics to analyze the wheel sensors. A complete Reset Procedure is also included in the software to walk the user through the complete process. The manual contains the critical reset procedure references along with all the system information including torque specifications. Using the TPM tool in conjunction with the reset manual provides the essential combination for servicing TPMS. The TPM Tool’s main function is to activate the tire sensors in a Direct TPMS. There are a couple different situations that sensors require activation, and in most cases, reading the transmitted data. These are covered in the TPM Tool software under the following features:

Auto Scan

The Auto Scan features provides the capability to walk up to any TPM equipped vehicle and activate the sensor with the push of a button. This function searches through all the communication protocols until the sensor is activated. After activation, the sensor transmits information which is displayed on the screen.

Diagnostics

The Diagnostic feature allows for quick check of sensor via the Make-Year-Model entry system. Selection of the specific vehicle eliminates the search time of proper protocol. Transmitted sensor information is displayed when available. Like the Auto Scan feature, this is a powerful feature that allows the technician to validate that all the sensors are functional before any work is started on the wheels/tires.

Reset Procedure

The Reset Procedure is the key function that “resets” or “relearns” the tire locations and will turn off the dash light. This function is accessed via the vehicle entry and graphically walks the user through all the necessary steps to complete the reset procedure. This software feature contains references to the reset manuals supplied with the tool.

Remote Keyless Entry (RKE) Fob Test

The Remote Keyless Entry feature allows for the testing of RF transmitting devices such as RKE fobs, garage door openers, and tire sensors. In this mode, the screen displays the signal strength and “Fob Detected” is prompted. This feature is perfect for determining signal strength representing battery status of RF devices.

Kit covers both Direct and Indirect TPMS systems.

Last Saved Data and Printing

Last Saved is available once the Auto Scan or Diagnostics feature has activated a sensor and the received information was saved. Selecting Save from the Activation screen saves the sensor information and allows the current date to be entered. The sensor information, date and vehicle application are all saved under the Last Saved function. From this location the saved data can be printed via the optional printer. This printout can then be shared with the customer in cases one or more of the sensors are not functional. This provides improved customer satisfaction and limits service liability.

2005 - 2008 Chevrolet Corvette

Reset Manual

The Reset Manual is a key part of the reset procedure in that it provides the instruction to put the vehicle in “Learn Mode”, which is a required step in a typical reset procedure. Without this instruction, the technician cannot effectively reset the system, thus the importance of having this information readily available. The Quick Reference manual covers both Direct and Indirect systems and contains the following topics:

- TPMS Description
- Reset Requirements
- Torque Specifications
- Reset Procedures

The Quick Reference manual provides the key information for placing the vehicle in Learn Mode and completing the Reset Procedure.
3833-15 Digital Tire Gauge
- 0–150 psi
- Red backlit display

3833-17 Valve Core Torque Driver
- Preset with 2–5 in.–lb.
- Meets TPMS sensor standard requirement.

3833-18 Application Flip Chart
(Page example)

3833-19 TPM Electronic Torque Wrench
Current TPM Sensor nut torque requirements range from 12–106 in.–lb. Conventional torque wrenches do not cover this range in a single wrench. The new TPM Electronic Torque Wrench covers this range and provides key features specifically designed for TPM sensor applications, while also doubling as a standard in.–lb. torque wrench.
- 12–120 in.–lb. ± 2% accuracy.
- Torque set quickly with unique slide bar on the scale.
- Indexing head allows for use straight (screwdriver position) to spin nut down quickly.
- Torque limit LED flashes with audible beep.

3833-20 Valve Nut and Grommet Tool
- 11 mm and 12 mm socket for removing valve nuts.
- Sensor grommet install sockets (for stepped and tapered grommets).

3833-21 TPM T10 Torque Driver (12 in.–lb. ONLY)
- Installs replacement snap-in valves for some Schrader sensors.
- Installs screws to recommended torque for proper sealing and secure installation.

3833-22 1/4” Drive 11 mm Deep Chrome Socket
3833-23 1/4” Drive 12 mm Deep Chrome Socket
**2009 Tire Pressure Monitor Base Kits**
Includes a TPM tool with latest software subscription, activation magnet, quick start guide, reset procedure manuals, update cable, CD training video, 3 C batteries, backup software CD, and a blow molded case. Base kits are available with three different reset manual formats:
- No. 3833QR2009 Tire pressure monitor base kit, with printed Quick Reference manuals.
- No. 3833CD2009 Tire pressure monitor base kit, with CD manual.

**Part No. Description**
- 3833-3 Comp. Manual on CD
- 3833-4 Magnet
- 3833-5 Quick Ref Manual Set
- 3833-7 Software Update Cable
- 3833-8 Serial to USB Adapter
- 3833-9 “T” Update Kit

**Tire Pressure Monitor 2009 Software Update Kit**
Includes 2009 software subscription CD, 2009 reset manual supplement.  
No. 3833-40 2009 Tire pressure monitor software update kit.

**Part No. Description**
- 3833-12 Printer & Adapter
- 3833-13 Rech Batt Stick & Cradle
- 3833-14 Rech “C” Batt & Charger
- 3833-15 Digital Tire Gauge
- 3833-16 Valve Nut Tool
- 3833-17 Valve Core Driver
- 3833-18 Quick Spec Flip Chart

**2009 Tire Pressure Monitor Master Update Kit**
Includes material to turn a Tire Pressure Monitor Base Kit into a Master Kit (ex; 3833QR to a 3833TQR). Includes latest reset procedure manual supplement, latest software CD subscription, update cable, CD training video, 6 nM Hi rechargeable batteries and recharging station, digital tire pressure gauge, 4-way valve tool, valve core torque driver, laminated application flip chart, service procedure flowchart poster, and consumer poster.  
No. 3833-9 2009 Tire pressure monitor master update kit.

**Part No. Description**
- 3833-19 Procedure Poster
- 3833-20 Consumer Poster
- 3833-21 11 mm Socket
- 3833-22 12 mm Socket
- 3833-23 T-10 Torque Driver
- 3833-24 Electronic Torque Wrench
- 3833-25 2009 Update Kit

**Battery Power Option**
The new internal battery stick and charging cradle for the OTC TPM allows the unit to be placed in the cradle when not in use, allowing for the unit to always be charged. This also eliminates the need to replace batteries.  
No. 3833-13 Internal battery stick and charging cradle for OTC TPM.

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**PROMOTION**

Base Kits Include Coupon for **FREE 3831** Tire Pressure Reset Tool for Nissan.


Master Kits Include **FREE 3833-25** Electronic Torque Wrench with 3833-22 (11mm Socket) and 3833-23 (12mm Socket).


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