

GLOSSARY OF TERMS

WORD	DESCRIPTION
315 MHZ	Radio Frequency 315 Megahertz
433 MHZ	Radio Frequency 433 Megahertz
ACTIVATION	Using a trigger tool or other device to force a TPMS Sensor to broadcast its signal.
ADJUSTABLE VALVE STEM	Dorman offers adjustable stems on all of its TPMS sensors.
ATEQ	Brand of trigger tools used in the market
AUTO RE-LEARN	TPMS Systems that do not require a re-learn procedure and instead automatically monitor signals from any TPMS sensor that match the correct protocol. These systems at vehicle start up enter a special condition that identifies the four or five sensors installed on the vehicle and accepts the IDs during this initial drive cycle. To re-train with a replacement sensor the re-learn procedure is install and drive.
BANDED SENSOR	TPMS sensor that does not work with stem. It is mounted with a band inside the tire against the wheel
BARTEC	Brand of trigger tools used in the market
CAPS	Threaded on tire valve sealing part. For vehicles equipped with valve stem mounted TPMS Sensors, special caps containing an O-ring seal are required.
CLAMP IN SENSOR	OEM Sensor type that has a threaded metal valve stem, grommet, and nut to affix to a rim.
CLONE (ID)	Process of copying the original OE TPMS sensor's unique identification number onto a replacement part.
COMPLIANCE DATE	Date the Tread act was mandated September 1, 2007
DELTA P METHOD	Built in feature of a TPMS Sensor that causes the sensor to "wake up" and begin broadcasting when the sensor detects a rapid increase or decrease in tire pressure. This was standard on all GM vehicles until model year 2012. For the 2012 model year, GM decided to move away from the delta p method. Now to reset your tire pressure monitoring system you must use a tpms triggering, learning, or programming tool to learn the car to the sensors.
DIC	Driver's Information Center
DIRECT TPMS SYSTEM	Vehicle system that monitors tire pressures through pressure sensors located within each tire. Direct TPMS Systems are the system type that is required by the TREAD ACT.
DTC	Diagnostic trouble code
ECU	Electronic control unit
GENESIS	Brand of trigger tools used in the market
INDIRECT TPMS SYSTEM	Vehicle system that monitors tire pressures through data provided from the vehicle's wheel speed sensors. Indirect TPMS Systems do not meet the requirements of the TREAD ACT.
LF	Low Frequency
MODE	Term used to describe various conditions that a TPMS Sensor is programmed to function under. A typical mode is known as "sleep mode" which TPMS Sensors enter when they are at rest (not sensing motion) for a given period of time. In this MODE a TPMS Sensor uses the least amount of power from their battery.
MULTI-FIT	Universal TPMS system offered by Dorman Products

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OBD II	On Board Diagnostic connection
ONE TO ONE	Term used by Dorman products to describe their Direct TPMS replacement program
OTC	Brand of trigger tools used in the market
PROTOCOL	Refers to the specific configuration of a TPMS Sensor broadcast signal. This configuration is specific to a certain make, model, and even year vehicle.
RCDLR	Remote control door lock receiver
RE-LEARN PROCEDURE	Process of assigning the TPMS sensor's on a vehicle into the vehicle's ECU or TCU. There are three different types of re-learning, Automatic, Semi-Automatic, and Manual. Depending on which type is required the use of re-learning or programming tools may be necessary.
SCAN TOOL	Tool
SNAP IN SENSOR	OEM Sensor type that has a rubber valve stem and affixes to a rim by being pulled through rim hole.
TECH TRAY	Plastic tray assortment of TPMS Servicing Kits that allows for servicing parts to be conveniently located in the shop at the point of servicing.
TPMS	Tire Pressure Monitoring System
TPMS CONTROL UNIT	Component to some TPMS Systems that handles the receipt and interpretation of the signals broadcast by the TPMS Sensors. Typically, the TPMS Control Unit stores the sensor IDs and calculates the data from the TPMS Sensors. It then relays a signal to the ECU when to light the TPMS Light.
TPMS MICROSITE	Dorman's site dedicated to TPMS. www.DormanTPMS.com
TRANSPONDER / INITIATOR	Component to some TPMS Systems that is located on a vehicle that sends a LF to activate the sensor. Transponders are often located within the wheel well and aid the system in identifying specific sensors to a tire location.
TREAD ACT	Legislation that mandated a suitable TPMS technology to alert drivers of under inflation of their tires. This act affects vehicles sold after September 1, 2007
TRIGGER TOOL	Type of tool used to activate and program TPMS sensors.
VALVE CORE	Spring loaded one way valve device that threads into a tire valve stem. For aluminum TPMS valve stems a special nickel plated valve core is required to avoid galvanic corrosion from seizing the core to the stem.
VALVE STEMS	Assembly which provides convenient inflation and deflation of a tire. For Direct TPMS equipped vehicles the valve stem is often a component of the TPMS Sensor.
VIO	Vehicles in operation
WCM	Wireless control module

For more information on Dorman's TPMS Programs visit
www.DormanTPMS.com