

F A Q (Frequency Asked Questions)

Q. *What is Tire Pressure Monitoring System or (TPMS)?*

A. TPMS is an electronic system that advises the driver of either a low pressure condition or system malfunction. This indication is made on the dashboard in the form of an ICON or other warning, or both.

Q. *Why do I have TPMS in my Vehicle?*

A. As of 2007, the United States Department Of Transportation (through NHTSA) requires an installation of a Tire Pressure Monitoring System to all new passenger cars, multipurpose passenger vehicles, trucks, and buses that have a gross vehicle weight rating of 10,000 lbs. or less (except those vehicles with dual wheels on an axle). The legislation requiring TPMS was passed in reaction to Congressional hearings on vehicle rollover deaths caused, in part, by vehicles with underinflated tires.

Q. *Can I Bypass or disable the TPMS system?*

A. No. Under 49 U.S.C. 30122(b), "A manufacturer, distributor, dealer or motor vehicle repair business may not knowingly make inoperative any part of a device or element of design installed on or in a motor vehicle or motor vehicle equipment in compliance with an applicable motor vehicle safety standard."

Q. *My car has TPMS. I haven't had it serviced yet at my repair facility. What should I expect when I get there?*

- A.**
- Verification that your TPMS sensors and system are functioning properly
 - Service or replacement of any nonfunctioning component of your TPMS sensors
 - Replacement of TPMS sensor sealing components (cap, core, grommet and nut)
 - A "relearn" of your TPMS sensors to your vehicle's computer to program correct positioning of TPMS sensors
 - Verification that your TPMS system is functioning properly after tire service is complete

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Q. *How often should I check my tire pressure?*

A. A tire doesn't have to be damaged or punctured to lose air. All tires will lose air naturally over time, so it's recommended that you check the pressure in all your tires, including the spare, at least once per month. Road conditions, weather conditions or other circumstances may warrant checking the pressure more often. Remember to always use a quality tire gauge when checking tire pressure. And don't forget the spare! It may not have TPMS, but if you're checking your tire pressure, you should check your spare tire, too

Q. *What does an underinflated tire look like?*

A. You cannot always tell if a tire is underinflated simply by looking at it. You cannot easily tell if a tire is underinflated by kicking or pressing on the tire. The only way to accurately check tire pressure is by using a quality pressure gauge. A tire can lose air pressure without appearing to be underinflated. To see how little difference there is in appearance between a properly inflated and an underinflated tire

Q. *Why does tire pressure change?*

A. Many factors affect tire pressure including ambient temperature changes and tire damage such as punctures. Tire pressure drops about 1 psi for every 10°F drop in ambient temperature. Additionally, tires can lose as much as 1.5 psi per month as air escapes the tire and rim naturally.

Q. *What are the benefits of TPMS?*

A. TPMS provide real safety and economic benefits for motorists. By helping drivers to maintain proper tire inflation, TPMS can help improve ride and handling, reduce stopping distances and the potential for hydroplaning, increase MPG and extend tire life. TPMS is designed to monitor the air pressure in a tire and send a warning to the vehicle's on-board monitoring system when the pressure drops below a preset limit.

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Q. *I have Bluetooth accessories installed in my car will that interfere with the OEM relearn?*

A. Sometimes the transition of Bluetooth devices will interfere with the OME relearn. We recommend unplugging the devices until the relearn is complete.

Q. *I have dark tinted windows will that interfere with the OEM relearn?*

A. Sometimes tinted windows interfere with the OEM relearn. We recommend rolling the windows down until the OEM relearn is completed.

Q. *What my tire pressure is supposed to be? Where do I find that info?*

A. Tire placard. The tire placard is a term used for the tire information label. It contains information including the vehicle manufacturer's recommended tire pressure for your vehicle, the recommended tire size and the maximum load you should have in your vehicle. The placard is normally located inside the driver's side doorframe or doorpost, or it may be adhered to the edge of the driver's door or the inside of the glove box door or trunk lid. The same information is also located in your owner's manual.

Q. *My TPMS stem is corroded but sensor still works, Can I just replace just the stem?*

A.

- 1 piece style of sensor you will not be able to replace the stem but you may be able to service the sensors with a rebuild kit.
- 2 piece style sensor you can replace the stem and also service the sensors with a rebuild kit.

Q. *What is a TPMS rebuild kit?*

A. A TPMS rebuild kit contains all the components to rebuild the TPMS sensors valve. Replacement is recommended any time TIRE/TPMS is service.

- HEX NUT
- VALVE CORE
- PLASTIC VALVE CAP
- WASHER(S)
- RUBBER GROMMET

F A Q (Frequency Asked Questions)

Q. *My Warning Light keeps coming on. What does that mean?*

- A.** The TPMS warning lamp, will illuminate if tire pressure is too low or part of the TPMS system has malfunctioned. The light can behave in two ways:
1. Blinking - This means the TPMS has malfunctioned. One or more sensors may have failed or lost communication with the ECU. Reasons for sensor failure may be a dead battery (in the unit), damage, or failure from natural wear and tear. Most sensors are rated to last 7 or 8 years.
 2. Solid - A solid indicator light means that one or more tires is operating at an unsafe pressure. Check your tires!

Q. *What do I do with the old sensors?*

- A.** You can get rid of them by disposing of them properly BUT they need to be at least 100 ft or more from the Vehicle so no interference can happen

Q. *Can the battery be replaced?*

- A.** **NO** the battery cannot be replaced. The housing is seal to protect the internal components.

Q. *How do I program this sensors?*

- A.** The Dynamic TPMS line come preprogramed base on your YEAR – MAKE – MODEL. OEM relearn must be completed when installing or rotating tires. (See application guide for fitment)

Q. *I need HELP!*

- A.** • Dynamic Offers a toll-free **TECH SUPPORT** Hot Line
800-805-4058
Professional TPMS experts available
Monday thru Friday **8:00 am to 8:00 pm EST**
Saturday 8:00 am to **8:00 pm EST**