



What is TPMS?

TPMS stands for Tire Pressure Monitoring System.

TPMS is a warning system indicating to the operator when a tire is significantly under-inflated.

What is the TREAD Act?

Congress passed the Transportation Recall Enhancement, Accountability and Documentation (TREAD) Act in the fall of 2000. This requires a warning system to indicate under-inflated tires. Automakers must be 70 percent compliant beginning September 1, 2006 and 100 percent compliant September 1, 2007.

How do I know if my vehicle is equipped with TPMS?



There are several ways to determine if your vehicle is equipped with TPMS. The easiest include checking the owner's manual or watching the dashboard lights at startup. Turn the ignition switch to the "ON" position, but do not start the vehicle. Look for a TPMS light on the dashboard that looks like one of the icons above.

If your car is equipped with TPMS, we will:

- 1) Test all of your TPMS sensors before servicing the tires on your vehicle.
- 2) Notify you if any of your sensors are not working before servicing the tire/wheel assembly.
- 3) Reprogram your TPMS sensors and confirm that they are in working order.

Can the TPMS system be by-passed?

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."



We service TPMS sensors with:

- Complete replacement of the valve sensor, if necessary.
- Complete replacement service kit.
- Proper installation with a torque wrench.
- Reprogram the sensors to the ECU after tire rotation if your TPMS system is location dependent.

Schrader® AirAware™ TPMS Products

Schrader offers a full line of TPMS systems, components and tools that meet OE quality and performance specifications:

TPMS Sensors

Schrader TPMS sensors measure tire pressure and temperature.

Service Packs

Schrader service packs include everything needed to properly service TPMS-equipped tires and rims, including sealing components such as caps, cores, grommets and nuts. OEM specifications call for these components to be replaced every time tires and rims on TPMS-equipped vehicles are serviced.

Retrofit Kits

Schrader's retrofit kits install TPMS on vehicles not equipped with OE systems. Each stand-alone system includes a dash-mounted receiver display and four wheel-mounted transmitters that fit most wheel applications. Schrader offers two kits: hard wired to switched wires and wireless (battery operated). Visit www.schrader-bridgeport.com/airaware for more information.

TPMS Can Save Lives

Most people ignore their tires, yet tires are undoubtedly a critical safety component on a vehicle. Where the rubber meets the road affects traction, handling, steering, stability and braking. Because of this, a sudden tire failure can have serious consequences, especially if it occurs when operating at highway speeds.

- Nearly 250,000 accidents occur in the United States per year due to low tire pressure.
- About 75 percent of roadside flats are preceded by a slow leak or under-inflation.
- According to a recent survey, Americans could reduce their fuel consumption by 10 percent and save a collective \$2 billion a year by keeping their tires properly inflated.
- A tire can lose up to half of its air pressure without appearing to be under-inflated.
- NHTSA estimates that tire pressure monitoring systems could prevent as many as 79 deaths and 10,365 injuries each year in the United States.

