

BALL Type TPMS Systems



The line of sight for the Ball Type TPMS Sensors is slightly better than the valve stem mounted TPMS Sensors resulting in stronger signal strength to the Receiver. The Ball Type Sensors have a hard plastic body with a rubberized coating for durability. They weigh less than 1 ounce and do not affect tire balance. They can be used in any tow vehicle/trailer combination and are especially effective in longer trailers over 35 feet. Battery life is 4-6 years depending on frequency of use.

Internal Sensor - Tire Pressure Monitoring Systems

TPMS System Part Number	TPMS System Description
TPMS4W	Four (4) Brass IVS Valve Stem Mounted TPMS Sensor System
TPMS6W	Six (6) Brass IVS Valve Stem Mounted TPMS Sensor System
TPMS4W-A	Four (4) Aluminum IVS Valve Stem Mounted TPMS Sensor System
TPMS6W-A	Six (6) Aluminum IVS Valve Stem Mounted TPMS Sensor System
TPMS4W-ST12 or TPMS6W-ST12	Four (4) or Six (6) Cradle Mounted Sensor Steel Band TPMS System for 12" to 17.5" Inner Diameter Trailer Wheels and Passenger Vehicle Wheels
TPMS4W-ST18 or TPMS6W-ST18	Four (4) or Six (6) Cradle Mounted Sensor Steel Band TPMS System for 18" to 24" Inner Diameter Trailer Wheels and Passenger Vehicle Wheels
TPMS4W-BALLSENS	Four (4) Ball Type Sensor TPMS System
TPMS6W-BALLSENS	Six (6) Ball Type Sensor TPMS System



TIRE PRESSURE MONITORING SYSTEM For Trailers, Fifth Wheels & Tow Vehicles



Steel Band Sensor Mounts



When Valve stem mounting of the TPMS sensor is not possible, then you have the option to use TPMS cradle mounted sensors on a steel band that is mounted onto the inner diameter of the wheel itself. We have available steel band cradle mounted TPMS Systems. The TPMS4W-ST12 and TPMS6W-ST12 are for 12" to 17.5" Wheels. TPMS4W-ST18 and TPMS6W-ST18 are for 18" to 24" Wheels. The Steel Band Cradle Mounts are available for individual sale.

Interchangeable Valve Stem Mounts

Not sure what size your current valve stems are on your wheels? No worries! Tuson makes retrofitting your tires with our TPMS system easier with the interchangeable valve stems (IVS). The IVS is designed to be universally compatible with the 0.453" and 0.625" diameter valve stem holes sizes in passenger vehicle wheels, 5th Wheel and Trailer Wheels. Our IVS is made out of Brass or Aluminum with the rubber or nickel-plated steel washer and rubber grommet you can rest assured that galvanic corrosion will not occur. TPMS4W and TPMS6W TPMS Systems have Brass Valve Stems mounts. TPMS4W-A and TPMS 6W-A TPMS Systems have Aluminum Valve Stem Mounts.



Read Tuson TPMS User Manual for complete installation information.

Parts & Accessories (sold separately)

Need replacement TPMS sensors or valves stem mounts for your tires?

Tuson RV Brakes offers the following items sold separately:

- TPMS Valve Stem Mounted Sensors & Ball Type TPMS Sensors
- Brass & Aluminum TPMS Valve Stem Mounts
- Cradle Mounts for TPMS Sensors on Steel Bands
- TPMS Trigger Tool for easier TPMS Sensor pairing with the Receiver

Contact one of our distributors or check out our website www.tusonrvbrakes.com for more details.

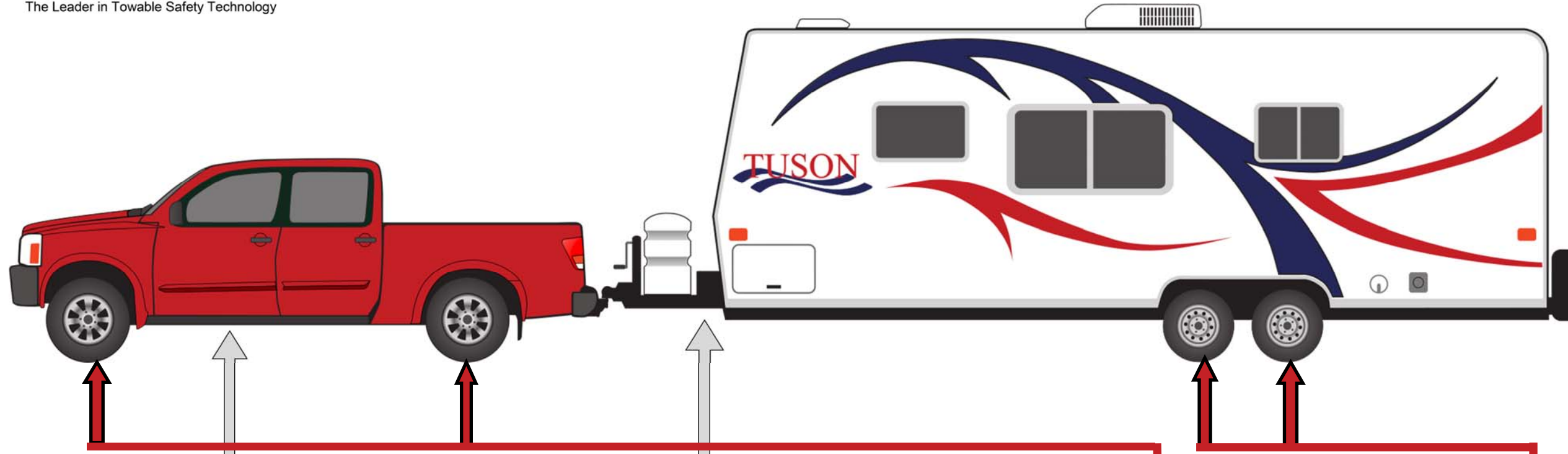
Learn More at TusonRVBrakes.com

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Tuson RV Brakes, LLC
 The Leader In Towable Safety Technology

Automotive Grade Tire Pressure Monitoring Systems



Tuson RV Brakes' Automotive Grade, Internal TPMS Sensors, either Valve Stem Mounted, Steel Band Cradle Mounted or Free Rolling Ball Type TPMS Sensors are more accurate than the external valve stem mounted TPMS sensors.

Tuson RV Brakes' Internal TPMS Sensors are manufactured by the same Vendor that supplies TPMS Sensors for Toyota and Nissan trucks and passenger vehicles.

Tuson RV Brakes' Ball Type Tire Pressure & Temperature (TPMS) Sensors make installation a snap! Simply drop the balls into the tires and air them up. The balls weigh less than one ounce and do not affect tire balance. The ball type TPMS sensors are also compatible with balancing beads and do not affect sensor performance.

All Tuson RV Brakes' Internal TPMS Sensor Systems are sold in either four (4) or six (6) sensor kits which include: the Receiver & 12 VDC power cord; 9 VDC Display Power Pack (for pairing sensors to the Receiver); RF Repeater; Owner's Manual & Warranty Card.

Receiver

The Receiver (monitor) allows the driver to monitor the tire pressure and temperature of up to 10-wheels for up to 3-Vehicle Memory Settings. The Receiver will also monitor trailer and vehicle battery voltage along with TPMS Sensor status. The Receiver has two modes: Driving Mode and Settings Mode. Driving Mode cycles between tire pressure, temperature, and trailer battery voltage for the selected vehicle memory selection. Settings Mode allows drivers to fully customize their tow vehicle and trailer tire pressure monitoring system. Settings Mode allows for each individual TPMS sensor to be setup differently on the Receiver to monitor pressure and temperature individually for that particular tire.



RF Repeater

The RF Repeater is motion activated and designed to boost the signal strength from the TPMS tire sensors to the Receiver (monitor) in the tow vehicle. The waterproof repeater is a plug and play device using power and ground wires to connect to the trailer battery or any constant 12/24V power source for easy installation. When powered with the trailer battery, the Repeater transmits trailer battery voltage to the Receiver.



Truck Tire TPMS Sensors



Trailer Tire TPMS Sensors



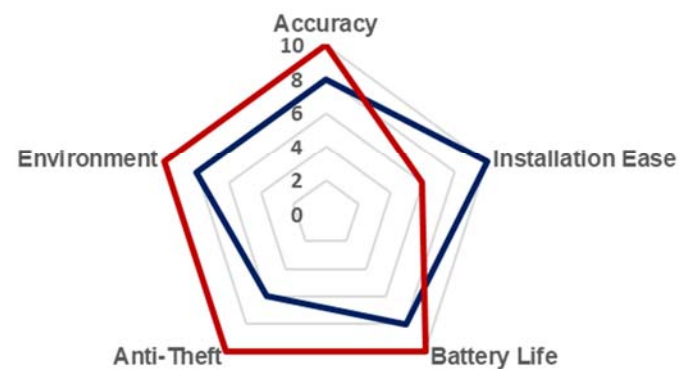
TPMS Sensors

The internal sensor monitors tire pressure and temperature in real-time and wirelessly transmits data to the receiver. The sensor is either attached to the valve stem or installed inside the tire to prevent damage or theft. Internal sensors provide the most accurate and reliable pressure and temperature readings and are more environmentally-friendly with longer lasting battery life than external sensors.

Product Features

External VS Internal Sensors

— External Sensor — Internal Sensor



10-Wheel Display with 3-Vehicle Memory Settings



Real Time Tire Pressure & Temperature Readings



Low Battery Power Alarm for Vehicle & Trailer Batteries



Maximum Pressure Measured 203 PSI



Active Alarms with Visual and Audible Warnings

* Note: For kPa as pressure unit, receiver will show "HI" on the display screen if pressure value is over 999 kPa. Otherwise receiver shows the value normally in PSI and BAR units

- Stores three (3) Tow Vehicle & Trailer Combinations in a Vehicle Memory Setting with up to ten (10) tires per Vehicle Memory Setting
- IVS Valve Stems are designed to fit 0.453" & 0.625" diameter wheel valve stem holes found in most passenger and trailer wheels.
- Monitors tire pressure & temperature, sensor's status, vehicle & trailer battery voltage in real time.
- Maximum pressure measured 203psi Maximum Temperature 248°F
- Visual and audible high and low pressure & high temperature alarms.
- All sensors in TPMS kits come pre-paired to the Receiver.
- Tire pressure (PSI/kPa/BAR) and temperature (°F/°C) units are selectable on setup.
- TPMS Sensor Locations on the Receiver are Swappable
- TPMS Sensors have Low Power Consumption and Long Battery life