



Tyre Pressure Monitoring System

Enhances safety, saves on fuel, extends tyre life and reduces pollution.

Did you know?

- 0.6 bar under-inflation causes 50% reduction in tyre life and at least 4% increase in fuel consumption.
- NHTSA estimates that crashes attributed to under-inflated tyres cause 660 fatalities and 33,000 injuries every year.



When was the last time you checked your tyre pressure?

It is air that carries the total load of the vehicles and passengers. The correct pressure is important for safety, vehicle handling, fuel economy, tyre life and environmental pollution.

DK Auto's Tyre Pressure Monitoring System (TPMS) is a sophisticated sensing device which measures and displays real-time pressure and temperature inside a pneumatic tyre, alerting the driver instantly of any tyre pressure or temperature irregularities.

Remember, your tyres are the only link between your car and the road, take good care of them and they will take good care of you in return!



Pressure Sensor And Transmitter

■ Features:

- Weighs only 32 grammes.
- 5-year battery.
- Unique ID code for each sensor.
- Pressure measurement accuracy ± 1.5 Psi.
- Operating temperature -40°C to 125°C .
- Helical transmitting technology.
- Alerts driver of under-inflation or over-inflation of tyres.
- Resettable sensors.
- Spare tyre monitoring (optional).

■ Advantages:

- Will not affect tyre balancing.
- Long service life.
- Prevents receiving of cross signals.
- Able to detect even the slightest pressure loss.
- Durability and reliability in any climate or location.
- Fast and precise signals.
- Longer tyre service life and improved fuel economy.
- Convenience during replacement and rotation of tyres.
- Convenient monitoring for safety and peace of mind.

Display Monitor And Receiver

■ Features:

- Clear icon identification.
- Instant information on demand.
- Backlit LCD screen.
- Selectable alerts to factory or preferred settings.
- Selectable mode of $^{\circ}\text{C}$ or $^{\circ}\text{F}$ and Psi, Kpa or Bar.
- Simultaneous information of tyre pressure, temperature and sensor battery life.

■ Advantages:

- User friendly.
- Quick check on tyres.
- Pleasant night viewing.
- For different driving conditions.
- Suits individual preferences.
- Hands-free activation for minimum driving distraction.

■ Technical Specifications

Technical Description	Pressure Sensor	Display Monitor
Dimension (H×W×D)	71×36×21mm	125×33×18mm
Weight	32g	93g
Frequency	433.92 MHz Transmitting	433.92 MHz Receiving
Battery Life/ Power	± 5 years	9–12V DC
Current Consumption	–	18mA nominal 130mA during alert @ 12V DC
Operating Temperature	-40°C to $+125^{\circ}\text{C}$	-40°C to $+85^{\circ}\text{C}$
Monitoring Pressure Range	0 to 73 psi (accuracy ± 1.5psi)	–
Monitoring Temperature Range	-40°C to $+125^{\circ}\text{C}$ (accuracy $\pm 5^{\circ}\text{C}$)	–

