



Low tyre pressure affects fuel economy, road safety and tyre lifespan. Correct pressure is vital to road safety as low tyre pressure can affect the handling of the vehicle, as well as the grip of the tyres on the road. Additionally, high temperature in tyres can lead to devastating tyre fires and blowouts.

The Forman Tyre Pressure Monitoring System provides constant monitoring of the tyres pressure and temperature. An immediate alert is issued to the driver if there is a problem.

The Forman V-TPS Tyre Pressure Monitoring System uses wireless LED valve caps which monitor the pressure inside the vehicle's tyres. These check tyre pressure every 12 seconds during operation, providing continual feedback on the tyre health. The system also monitors tyre temperature, delivering warnings when tyre temperature is high.



Continual tyre monitoring

The Forman V-TPS checks tyre pressure every 12 seconds during operation, providing the driver with live status updates.



Tyre temperature monitoring

The system monitors tyre temperature and delivers driver warnings when high temperature is detected to reduce tyre blowouts.



Compatible with VMMS

The system interfaces with the Forman Vehicle Multi-Message System to deliver high temperature and low pressure voice warnings.

How Does V-TPS Work?

The Forman V-TPS Tyre Pressure Monitoring System is an easy-to-use LED cap that fits directly onto the tyre pressure valve. The tyres must be inflated to the recommended pressure and the LED V-TPS caps should be screwed onto the valves using the anti-theft tool provided.

If the pressure in the tyre drops below 4 PSI in light vehicles or 8 PSI in heavy vehicles, the LED cap will flash red and an alert will be delivered to the driver. The LED is distinct and can easily be seen by drivers and managers, making visual vehicle checks easy.

When the LED starts flashing, the V-TPS cap should be removed using the anti-theft tool and the tyre inflated to the correct pressure. Once re-inflated, the LED cap can be screwed back onto the tyre pressure valve.

The Tyre Pressure Monitoring System checks tyre pressure every 12 seconds while the vehicle is in motion and every hour while the vehicle is stationary. If low pressure is detected while the vehicle is stationary, the display is updated and an alert delivered as soon as the vehicle is restarted, ensuring that the tyre status is always up-to-date.

The V-TPS also checks temperature, delivering an alert if high temperature is detected. This reduces the risk of fire or blowout on the tyre.

Key Technical Specification

Pressure Range	0 to 13 bar (0 to 188 PSI)
Pressure Accuracy	+/- 0.1 bar (+/- 1.5 PSI)
Temperature Accuracy	+/- 3 °C
Operational Temperature	-40 °C to +80 °C
Storage Temperature	-40 °C to +85 °C
Transmission Power	< 10 dBm
Transmission Frequency	433.92 MHz
Transmission Range	Typically >7m in vehicle when screened by bodywork etc. Range can be extended with signal repeater

For the complete technical specification and operating instructions, please contact Forman Vehicle Services.

**To find out how we can help you enhance
the safety of your vehicles, call us on
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