



Safety Feature or Fuel Saver? Why it's Time to Rethink Your Vehicle's Tyre Pressure Monitoring System

As fuel costs continue to rise globally, drivers and fleet operators continue to feel the squeeze. To help maximise fuel efficiency, automotive technology leader Hamaton is reminding motorists of the importance of maintaining correct tyre pressure levels.

One simple method for combating this is already built into many vehicle dashboards: the Tyre Pressure Monitoring System (TPMS) warning light. While often viewed as a safety feature designed to prevent blowouts, a fully operational TPMS is also one of the most effective, automated systems for maintaining optimal fuel efficiency.

For commercial fleet operators and daily commuters, the hidden inefficiency of underinflated tyres can quietly turn into a significant amount of wasted money at the pump each year. A tyre underinflated by only a few psi will translate into a measurable dip in fuel economy.

Underinflated tyres also suffer from increased rolling resistance. When a tyre loses pressure, its footprint deforms, meaning the engine works harder, burning more fuel to keep the vehicle moving forward. In addition, driving on soft tyres accelerates uneven tread wear, forcing the purchase of replacements sooner than would otherwise be necessary, compounding environmental waste.

Delivering real-time pressure alerts directly to the driver, TPMS eliminates the guesswork of tyre maintenance, ensuring vehicles consistently operate within their optimal parameters.

"Proper tyre inflation is the quick win of vehicle fuel efficiency," says Martin Blakey, Managing Director "A healthy TPMS doesn't just protect road users, it also saves drivers money and helps to reduce carbon emissions by ensuring engines aren't working harder than necessary."

He continues, "For peace of mind, drivers should seek out garages that offer TPMS servicing as standard. By ensuring all sensors are properly programmed and maintained as part of a tyre service, these garages guarantee their customers leave with greater fuel-saving capability."

Learn more about Hamaton's innovative range of TPMS solutions: www.hamaton-tpms.com

About Hamaton Ltd. and Tyresure Ltd.

Hamaton Ltd. and Tyresure Ltd. offers the most innovative and complete TPMS solutions on the market, alongside 24/7 online purchasing, technical training, and first-class customer support for its distribution network across the UK and Europe.

All Hamaton products are manufactured under the strictest quality standards and certified by TÜV SÜD for IATF 16949:2016 and ISO 9001:2015, ensuring durability and quality across its full range.

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