

# Correct inflation



There are various factors which can affect the performance and life of a tyre. The European tyre industry is encouraging consumers to recognise and understand the importance of properly inflated tyres.

Tyres that are correctly inflated have a higher safety performance, lead to more fuel-efficient driving and are more environmentally-friendly. The recommended tyre pressure is supplied by vehicle manufacturers and can be found in various places on the vehicle. Dealers are urged to properly educate consumers on the correct tyre pressure for their particular set of tyres.

*Incorrect tyre pressure - in particular tyres that are under-inflated - can have a negative impact in many ways. Improper tyre inflation can:*

- Reduce road-holding
- Cause irregular wear
- Damage the tyre internally
- Result in tyre failure
- Cause the tyre to overheat
- Shorten the service life of the tyre
- Increase braking distance

There are certain factors, such as overloading and excessive cornering speed, that will cause further damage to the tyre and ultimately result in tyre failure.

Alternately, if a tyre is overinflated it can also be more susceptible to damage. Drivers are urged to remember that inflation pressure reduction through permeation, weather changes and damage to the rim, valve or tyre can cause changes to tyre pressure.

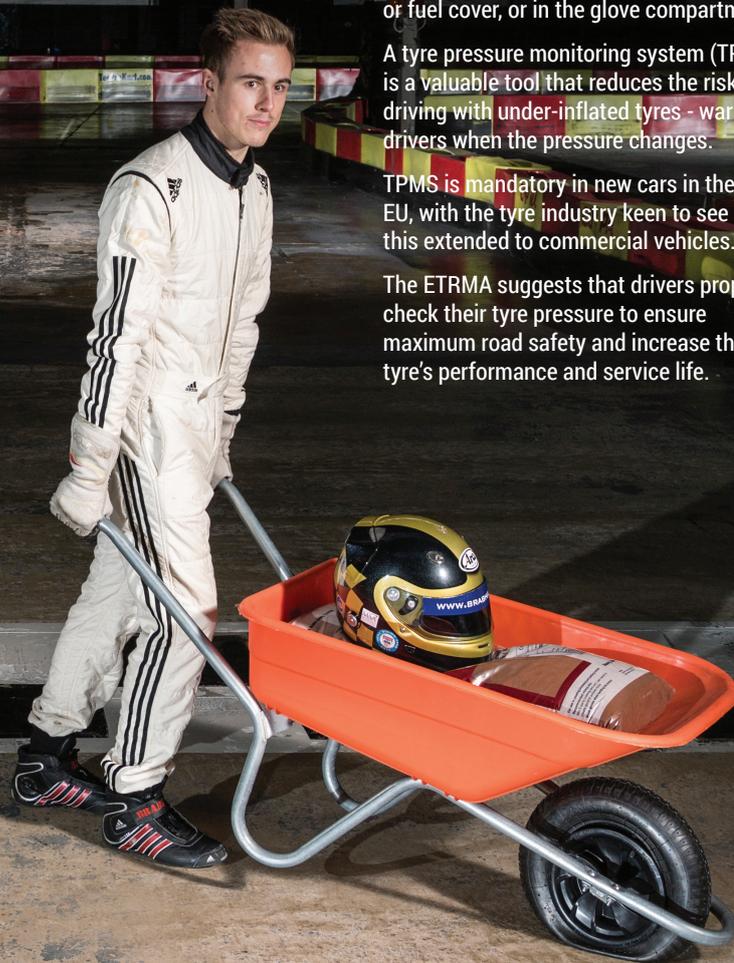
The European tyre industry suggests that drivers check with a calibrated pressure gauge at least once a month in order to ensure proper performance. Tyres can be inflated at tyre dealers, service centres and petrol stations. Ideally, this should be checked at the start of your journey, as warm tyres may give different readings.

Drivers must take into account the actual load of the vehicle as indicated in the vehicle information manual, inside the vehicle door or fuel cover, or in the glove compartment.

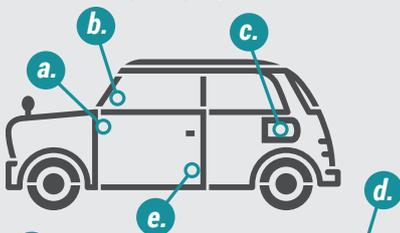
A tyre pressure monitoring system (TPMS) is a valuable tool that reduces the risk of driving with under-inflated tyres - warning drivers when the pressure changes.

TPMS is mandatory in new cars in the EU, with the tyre industry keen to see this extended to commercial vehicles.

The ETRMA suggests that drivers properly check their tyre pressure to ensure maximum road safety and increase the tyre's performance and service life.



## Where to find your tyre pressures:



- a.** In your glove compartment
- b.** The pressure warning light on your dashboard
- c.** Inside the fuel cover
- d.** Inside the car user manual
- e.** Inside your door



The importance and benefits of correct tyre inflation is easily demonstrated by the wheelbarrow experiment. A wheelbarrow with a heavy load is easily pushed with properly inflated tyres. That same load becomes increasingly more difficult to control and manoeuvre if the tyres are under inflated. Learn more by visiting:

[www.tyreaware.org/correct-inflation](http://www.tyreaware.org/correct-inflation)