



TYRE PRESSURE MANAGEMENT



TYRES AND INFLATION

A correctly inflated tyre improves safety, lasts longer, is more economical in use and is better for the environment.

- 3% of cars checked in the UK were running with a punctured tyre
- More than 50% of drivers had tyres classified as dangerously under-inflated (7psi or more below the recommended pressure)
- Motorists can receive a fine of up to £2,500 and 3 penalty points per under-inflated tyre
- A tyre loses some of its pressure through natural causes (typically around 1 psi per month)



Regular pressure checking and top-ups are essential



CONSEQUENCES OF UNDER-INFLATED TYRES

- **WEAR:** a tyre which is 20% under-inflated can give up to 20% less mileage, meaning a loss of over 5,000 miles on a typical potential tyre lifetime mileage of 28,000 miles
- **FUEL CONSUMPTION:** a tyre under-inflated by 15psi has higher rolling resistance and can increase fuel consumption by up to 6% costing the average motorist £200 more per year
- **ROADHOLDING / SAFETY:** a vehicle's steering is less precise with under-inflated tyres. A safe cornering speed of 62mph at a tyre pressure of 29psi drops to 54mph at 15psi
- **AQUAPLANING:** the risk of aquaplaning increases sharply if tyre pressures are 30% below the recommended pressure
- **BRAKING:** the braking distance from 56mph to 43mph is 40metres at 29psi compared to 45metres at 15psi meaning you will stop 1 car length further.

