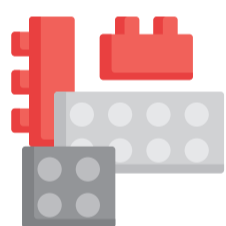




# 10 Things You Might Not Know About Tyres

## Know your Limits

Ideal tyre pressure is a combination of tyre size, the weight of the vehicle and whether or not the vehicle is loaded. Find the correct pressure in the owner's manual in your glove compartment or on the inside of the driver's door



## Fun Fact

LEGO® is the world's largest tyre producer. In 2012 the company received the Guinness World

Record for 'largest tyre manufacturer per annum.' At the time they were producing 318 million toy tyres per year

## Tread

Tread is the part of the tyre that makes contact with the road. Tread patterns consist of sipes, grooves, lugs and voids and each design aims to maximize a particular characteristic, like on- or off-road performance, longevity, water evacuation, speed, etc., without compromising on safety. Tread patterns vary by make and model

## Crack the Code

The numbers on a tyre's sidewall reveal all there is to know about the tyre

*In the example : 205/55 R 16 91V*

205 is the width of the tyre in millimeters; 55 is the height of the sidewall expressed as a percentage of the width; R reveals it's a radial tyre; 16 is the wheel diameter in inches; 91 is its load index; and V is its speed rating. You can view load index and speed rating charts at [www.twt.to](http://www.twt.to)



## Responsible Rubber

Most used tyres end up as an alternative fuel source in the making of Portland cement. Increasingly, recycled tyres in the form of Crumb Rubber Modifier (CRM) or Ground Tyre Rubber (GTR) are being used in asphalt binder to improve the performance and life of the resulting road surface

## Cold Affects Pressure

Ever noticed how tyre pressure takes a dive in winter? Cold temperatures cause the air in your tyres to contract, resulting in under-inflated tyres and setting off your tyre pressure monitoring system



## Did you Know?

Rubber is naturally white. Manufacturers add a compound called 'carbon black' to rubber which turns it black and also increases its strength and durability. So, those old white tyres weren't a fashion statement

## Nitrogen is Cool

Inflating tyres with nitrogen means they stay inflated longer, run cooler, and will last up to 20% longer



## Repair or Replace?



Not all punctured tyres have to be replaced. Generally speaking, if the puncture is in the tread area, the hole is less than 6mm in diameter and there's no internal damage, the tyre can usually be repaired by a skilled technician

## Rotate for Longevity

Rotating tyres every 10 000km (typically) minimizes the effects of uneven tread wear and extends tyre life. Tyres are rotated front to back, then the front tyres are swapped left to right

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