

WHY TYRES SAVE YOUR LIFE

QUICK FACTS

Tyres are the only contact between you and the road

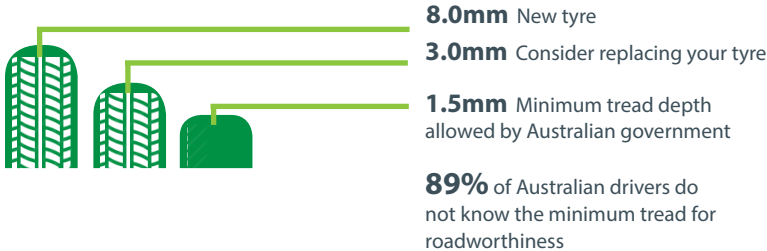


Contact Patch Side View

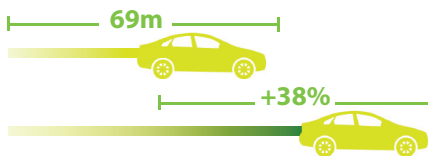
At any given point in time only the **size of a hand (per tyre)** is touching the road



Tread grip level (tread depth)



With decreasing tread depth, depending upon tyre brand, braking distance increases. A worn tyre with a tread depth of 1.5mm will generally increase braking distance by 38% compared to a new tyre. Shown below are ideal conditions, effects are exacerbated in wet conditions.



That makes a total stopping distance of 95m from the speed of 80 km/h (this is also affected by tyre pressure, tyre casing, tread design and cost of tyre).

Source: Tyroola, 2015

Benefits of appropriately inflated tyres



Reduce fuel consumption

Properly inflated tyres can increase fuel efficiency by 3.3%

Source: FIF, 2016



Save money by extending the life of your tyres

For every % reduction in tyre pressure there is an equivalent % reduction in tyre usage lifetime

Source: Verdoon



Improve vehicle handling and safety

From 2003-2005 tyre defects accounted for 50% of vehicle defect caused light vehicle crashes in NSW

Source: Road Safety Solutions, 2007



Tip:

Regularly check your tyre pressure and be sure it is maintained at the correct tyre pressure based on your user manual

Source: Fleet care, 2014