

CARAVAN TYRE PRESSURES

Inflation pressures

Tyre Load in Kg.

KPa	PSI		185R14LT	195R14LT
175	25		505	540
200	29		545	585
225	32		580	625
250	36		620	665
275	40		665	705
300	43		690	740
325	47		720	780
350	50		750	800
375	54		785	845
400	57		815	880
425	61		845	910
450	65		875	950

Example for single axle caravan with 185R14LT tyres.

Caravan weight on two wheels	=	1200 Kg
20% safety margin	=	240 Kg
Total load over two tyres	=	1440 Kg
Load on each tyre	=	720 Kg
Inflation pressure (see table above)	=	325 KPa (47 PSI)

Information is the courtesy of CARAVAN WORLD Magazine.

Tyre pressures - do-it-yourself check

(Extract from NRMA web site <http://www.mynrma.com.au/travel/do/cc4/cara3.shtml>)

It is impossible to list the correct pressures for every caravan, due to variation in size, load, etc. This easy check will help you find the best pressure for your caravan tyres.

- First, inflate the tyres to the pressure recommended by the manufacturer of the van/trailer and the tyres you are using. Secondly, measure and record the cold start pressure before you start out. Tow your van/trailer for a distance of 100 km, preferably on a highway.
- Recheck the tyre pressures immediately after pulling over and compare them with the cold start pressures you had at the start of your run. If the pressures are right, the hot readings should be 4 psi (28 kPa) higher than the cold start readings.
- If there is greater than 4psi (28 kPa) difference between these pressures, the tyre temperature is too high, caused by the cold start pressure being too low, so the pressure needs to be increased. If there is less than 4 psi (28 kPa) difference, then the starting pressure is too high and needs to be lowered.
- Large 4WD tyres will have a differential of 6 psi (42 kPa).
- Be sure to use the same accurate gauge for both readings.

With Compliments from

**Leighton & Pauline
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