

# Vehicle (VIN) Plate Information—Tyre Markings

September 2021



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Under the [Road Vehicle Standards Act 2018 \(RVSA\)](#), all Low ATM Trailers (Towable Recreational Vehicles with an Aggregate Trailer Mass (ATM) of 4.5 tonnes or less) provided to the Australian market for the first time must be entered into the [Register of Approved Vehicles \(RAV\)](#). For a low ATM trailer to be recorded in the RAV, manufacturers and importers providing more than 4 trailers to the Australian market must obtain a [vehicle type approval](#) for their trailer type within a 12-month transition period beginning July 1, 2021.

An important part of this process is ensuring a Vehicle Plate, commonly referred to within the industry as a 'VIN' or 'Compliance' Plate, is affixed to the trailer by the importer or manufacturer. This plate may also include additional information such as the tyre placard information.

The Vehicle (VIN) Plate must only be affixed once the towable recreational vehicle meets the standards as set out in [ADR 61/03 \(Vehicle Marking\)](#). The manufacturer or importer, as engraved or printed on the Vehicle (VIN) Plate, takes responsibility for ensuring the towable recreational vehicle has been manufactured to comply with the Road Vehicle Standards (RVS) Legislation. By affixing the Vehicle (VIN) Plate to the towable recreational vehicle, the importer or manufacturer is providing a clear indication to the relevant State or Territory registering authority – and to owners and the public – that the towable recreational vehicle complies with the relevant Australian Design Rules (ADRs) and that the towable recreational vehicle is ready for road use. It is vital that all the information detailed on the Vehicle (VIN) Plate by the manufacturer/ importer are accurate and correctly match the towable recreational vehicle as it has been first provided to the Australian market.

## Tyre Load and Speed Ratings

Incorrectly or incompletely filled out tyre information on Vehicle (VIN) Plates or Tyre Placards is a common issue identified by the RVMAP Technical Team during RVMAP, Pre-Show and Blitz Reviews. Caravan Industry Association of Australia has received written advice from Vehicle Safety Standards (VSS – the Federal Regulators) in relation to **Tyre Load and Tyre Speed Rating** information displayed on Vehicle (VIN) Plates on towable recreational vehicles. It is a requirement that the **specific** Tyre Load and Speed Ratings of the tyres fitted to the actual towable recreational vehicle is stated on the Vehicle (VIN) Plate.



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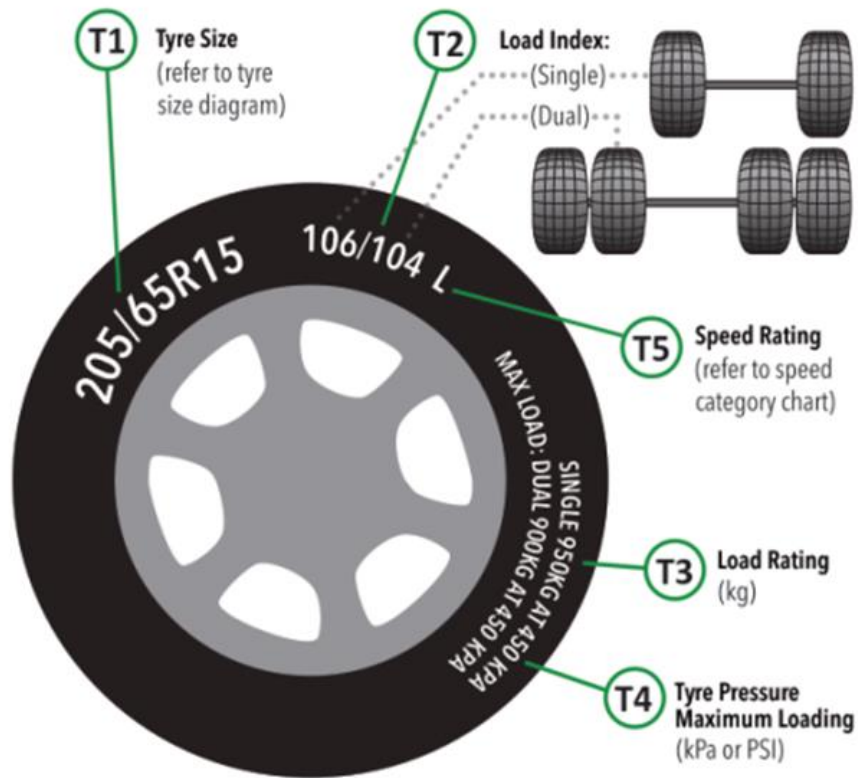
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## Understanding Tyre Markings



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Working collaboratively with member State Associations on matters that affect the Caravan and Camping Industry



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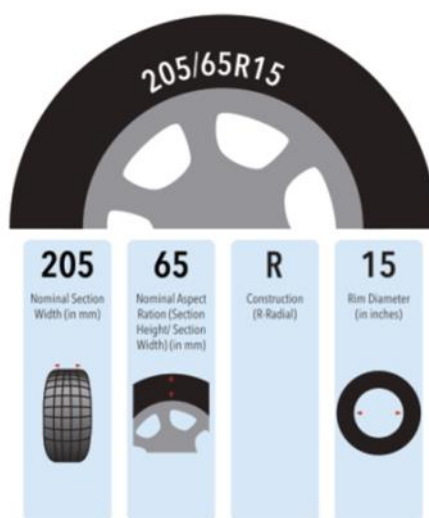
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## T1 Tyre Size



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## T2 Tyre Load Index (LI)

Tyres are specified by the manufacturer with a maximum load rating. Loads exceeding the rating can result in unsafe conditions that can lead to instability and potential blowouts and ruptures.

## T3 Tyre Load Rating

Tyre load rating can be determined by either maximum load rating marked on tyres (T3) or tyre load index (T2).

Load Index Chart (LI)

LI	kg	LI	kg	LI	kg	LI	kg	LI	kg	LI	kg	LI	kg	LI	kg	LI	kg
79	437	86	530	93	650	100	800	107	975	114	1180	121	1450	128	1800	135	2180
80	450	87	545	94	670	101	825	108	1000	115	1215	122	1500	129	1850	136	2240
81	462	88	560	95	690	102	850	109	1030	116	1250	123	1550	130	1900	137	2300
82	475	89	580	96	710	103	875	110	1060	117	1285	124	1600	131	1950	138	2360
83	487	90	600	97	730	104	900	111	1090	118	1320	125	1650	132	2000	139	2430
84	500	91	615	98	750	105	925	112	1120	119	1360	126	1700	133	2060	140	2500
85	515	92	630	99	775	106	950	113	1150	120	1400	127	1750	134	2120	141	2575

## T4 Tyre Pressure (Cold) Max Loading

Tyres should not generally be inflated to the pressure indicated on the sidewall; this is the maximum pressure, rather than the recommended pressure.



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## T5 Tyre Speed Rating

The speed rating denotes the maximum speed at which a tyre is designed to be operated.

Speed Category Chart

Speed Symbol	Speed Category (km/h)	Speed Symbol	Speed Category (km/h)
G	90	P	150
J	100	Q	160
K	110	R	170
L	120	S	180
M	130	T	190
N	140	U	200



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