

Caravan Weights Explained

The Caravan Weight Charts below will explain the definition of the various weights.
The weights of your tow car and caravan can be checked by me!

Tare Mass

The unladen weight of the complete new trailer as delivered from the factory (including any factory fitted options)

We weigh every van as it comes off our assembly line to establish the tare mass which is marked on the van.

Each van is weighed with:

- Water tanks empty
- Gas cylinders empty
- No luggage or personal effects



Towball Mass

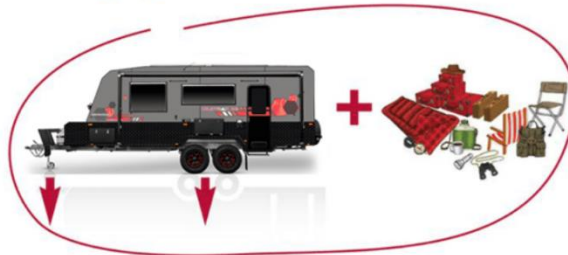
The weight imposed on the tow vehicle's tow ball by the coupling.

Towball Mass Tare:
Unladen as from factory



ATM - Aggregate Trailer Mass

The total laden weight of a trailer, which includes the tow ball mass and whatever you add as payload (eg. water, gas, luggage). The ATM is specified by the trailer manufacturer and must not be exceeded.



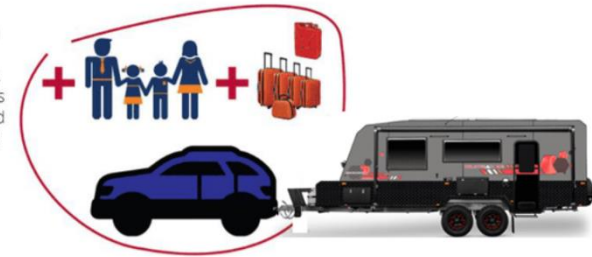
Payload

The payload is worked out by deducting the "Tare Mass" from the "ATM". It must not be exceeded under any circumstances. Safety, Insurance & warranty may be affected if the specified payload is exceeded.



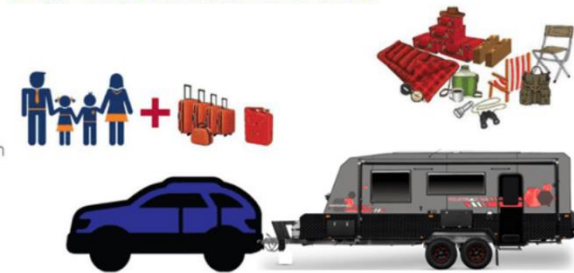
GVM - Gross Vehicle Mass

The GVM is the maximum allowable total mass of a fully loaded motor vehicle. It consists of the tare mass of the vehicle plus the load (including passengers and the towball download).



GCM - Gross Combination Mass

The GCM is the rating provided by the manufacturer of the tow vehicle. The maximum laden mass of a motor vehicle plus the maximum laden weight of an attached trailer is not permitted to exceed the GCM rating.



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