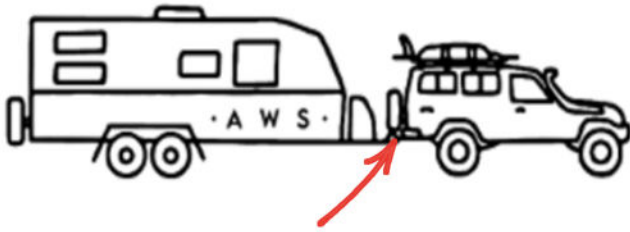


Mobile Safe Weigh presents

# Weight Acronyms Explained

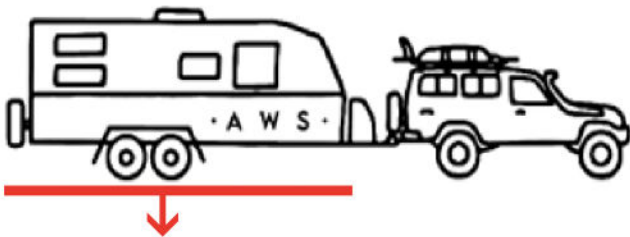


## Tow Ball Mass/Weight (TBM/TBW)

The weight of the tow ball that is imposed on the tow vehicle's hitch when coupled with a caravan or trailer. When hitched, the TBM is added to the GVM of the tow vehicle.

## Gross Vehicle Mass (GVM)

The maximum weight the tow vehicle is allowed to weigh fully loaded. When towing this INCLUDES the weight of the tow ball.

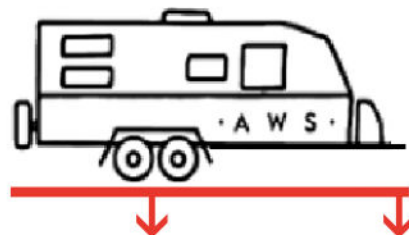


## Gross Trailer Mass (GTM)

The maximum the trailer is allowed to weigh, whilst hitched to the vehicle. This is the weight being transferred through the axles and does not include the TBM.

## Aggregate Trailer Mass (ATM)

The maximum the trailer is allowed to weigh when unhitched from your vehicle.  
 $ATM = TBM + GTM$

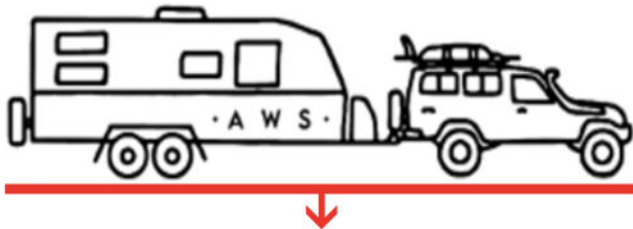


'Tow Safe, Stay Safe'

Contact us today!  
0434 610 236  
[www.mobilesafeweigh.com.au](http://www.mobilesafeweigh.com.au)

Mobile Safe Weigh presents

# Weight Acronyms Explained



## Gross Combination Mass (GCM)

The maximum weight the tow vehicle and trailer are allowed to weigh when hitched together.

$$\text{GCM} = \text{GVM} + \text{GTM}$$

## Gross Axle Weight Rating (GAWR)

The maximum weight the front & rear axle can carry individually. There will be different limits for the front & rear axle.



## Payload

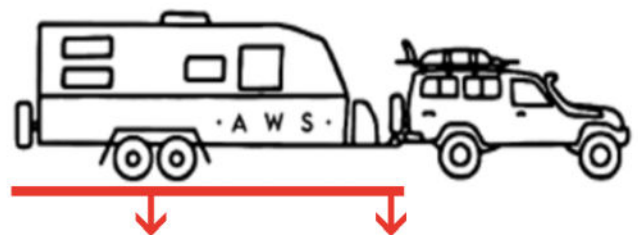
The maximum load the vehicle or trailer can carry before they reach their compliance limits, or, how many extra kgs of items they can carry before reaching their limits.

Vehicle:  $\text{GVM} - \text{Kerb Weight} = \text{Payload}$   
Trailer:  $\text{ATM} - \text{Tare} = \text{Payload}$

## Braked Towing Capacity (BTC)

The maximum weight your vehicle is allowed to tow if the trailer has its own brakes.

$$\text{BTC} = \text{Maximum trailer ATM}$$



'Tow Safe, Stay Safe'

Contact us today!  
0434 610 236  
[www.mobilesafeweigh.com.au](http://www.mobilesafeweigh.com.au)