

Vehicle Weighing Service Cars · Caravans · Boats · Trucks

KEEP IT SIMPLE WEIGHT EXPLANATIONS

You will find most of these weights are stamped on the appropriate vehicle/trailer compliance plate, or found in the owners handbook, or on the towbar, or stamped on the towball.

TARE WEIGHT

KERB WEIGHT

PAYLOAD

The weight of the vehicle/trailer in its standard form with no additional extras fitted and with empty water tanks and empty gas bottles.

The weight of the vehicle/trailer in it's standard form plus a full tank of fuel and required oils.

The actual weight that can be legally carried in a vehicle/trailer - calculated by subtracting the TARE weight from the GVM or ATM

The following weight ratings are set by the manufacturers of the vehicle/trailer/caravan. These are not guidelines. They cannot be changed and must not be exceeded to be safe and legal on the road.

GAWR (Gross Axle Weight Rating)

The maximum weight allowed to push down onto the vehicles individual axles.

BTC (Braked Tow Capacity)

The maximum weight your vehicle can tow.

GVM (Gross Vehicle Mass)

This weight is the maximum your vehicle can weigh. When towing, it includes the Tow Ball Mass of the trailer/caravan. This weight includes all passengers, gear, fuel, dogs, boat on top, bull bar, etc!!



TBM* (Tow Ball Mass)

The maximum weight your trailer/caravan can push down on the vehicle's tow ball.



GCM (Gross Combined Mass)

This weight is the maximum the whole rig can weigh, adding the vehicle and trailer/caravan together. This includes all passengers, fuel, water, food, personal gear, dogs! fishing rods! etc.



GTM (Gross Trailer Mass)

The maximum your trailer/caravan can weigh while **connected** to the tow vehicle.



ATM (Aggregate Trailer Mass)

The maximum your trailer/caravan can weigh when **not connected** to the tow vehicle.

* Make sure that the rating stamped on the tow bar and on top of the tow ball match your intended load. Many vehicles are supplied with a low rated tow bar.