

WEIGH BRIDGE PROCEDURE

Van and car should be loaded as normal and if required WDH in use.

METHOD	LOAD	ACTUAL	RATING
1. Weigh front axle	Front Axle	kg	kg
2. Weigh whole car	GVM	kg	kg
3. Weigh rear axle.	Rear Axle	kg	kg
4. Weigh Van (all axles)	GTM (1)	kg	kg
5. Disconnect WDH & Weigh Van (all axles)	GTM (2)	kg	kg
6. Disconnect WDH & lower jockey, raise the coupling.	TBW	kg	kg
ATM = TBW + GTM (2)	ATM	kg	kg
GCM = GVM + GTM (1)	GCM	kg	kg

TARE mass is the base/empty weight of the van at manufacture without payload or after market accessories, without water or gas fill bottles, food, etc.

ATM (Aggregate Trailer Mass) is the maximum manufacturer specified weight of your loaded caravan or trailer and is measured unhitched and sitting on the jockey wheel and axle(s)

GTM (Gross Trailer Mass) is the maximum weight your Trailer can be at it's axle(s) and is sometimes called it's axle capacity. Typically this is measured while the caravan or trailer axles only are on the weigh bridge. (no TBW)

TBW (Tow Ball Mass) is the effective weight of the tow ball from the trailer hitch. The Max TBW is not always specified by the manufacturer but as a guide should be up to 10% of the ATM.

GVM (Gross Vehicle Mass) is the is the maximum weight your car can be at it's axle(s) loaded.

GCM (Gross Combined Mass) is the total weight of your tow vehicle plus your caravan or trailer when fully loaded.

Oldbloke :)

Note 1. To remain legal all weights/measurements must be less than the "Ratings".

Note 2. Because the TBW is weighed at the jockey, due to leverage the actual TBW will be slightly less.

Note 3. Weigh bridges weigh to the nearest 20kg. So, some of the weights may not be exact.

Note 4. Usually you will find your "Ratings" on the car or van compliance plate. Failing that check registration papers or manual.