

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

Water tanks full or empty? _____ Gas Bottles full or empty? _____

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 and is measured unhitched and sitting on the jockey wheel **and** axle(s)

GTM (Gross Trailer Mass) is the maximum weight your caravan can be at it's axle(s) and is sometimes called it's axle capacity. This is typically measured while the caravan axles **only** are on the weigh bridge. (Jockey up)

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.

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. Only a few weigh bridges will be capable of weighing the rear axle. So just calculate by subtracting Front axle from GVM.

Note 5. Usually you will find your "Ratings" on the car or van compliance plate. Failing that check registration papers or manual.

Oldbloke :)