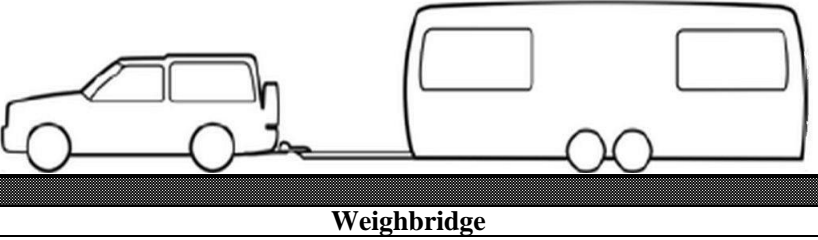


TOWING LIMITS

Gross Combination Mass



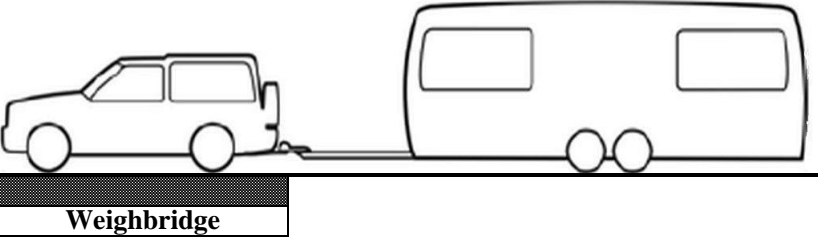
Actual mass of combination must not exceed the tow vehicle manufacturers Gross Combination Mass.

Plated Gross Combination Mass (GCM) kg

Actual Total Mass of Combination

kg

Gross Vehicle Mass



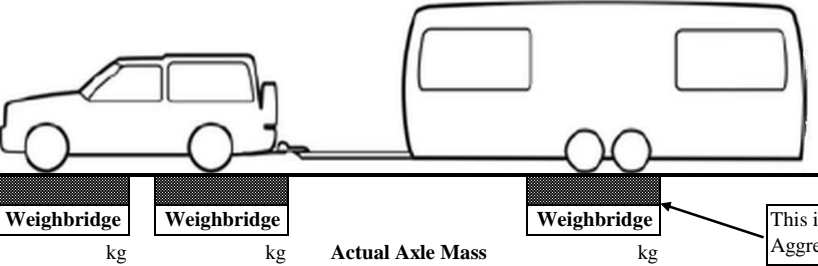
Actual mass of tow vehicle must not exceed the tow vehicle manufacturers Gross Vehicle Mass.

Plated Gross Vehicle Mass (GVM) kg

Actual Tow Vehicle Mass

kg

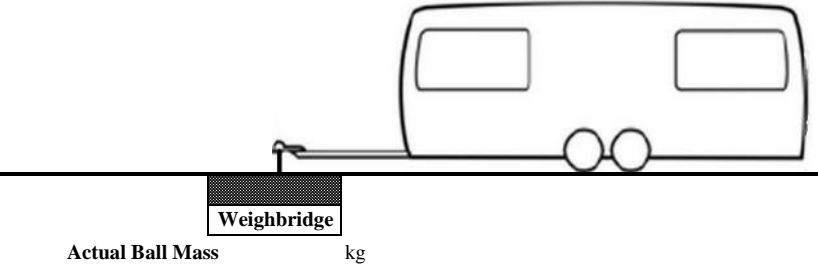
Axle Mass



Actual axle mass must not exceed the manufacturers rated axle mass.

- | | | |
|--------------------------------|-------------|----|
| (a) Front axle of tow vehicle. | Axle Rating | kg |
| (b) Rear axle of tow vehicle. | Axle Rating | kg |
| (c) Trailer axle or axles. | Axle Rating | kg |

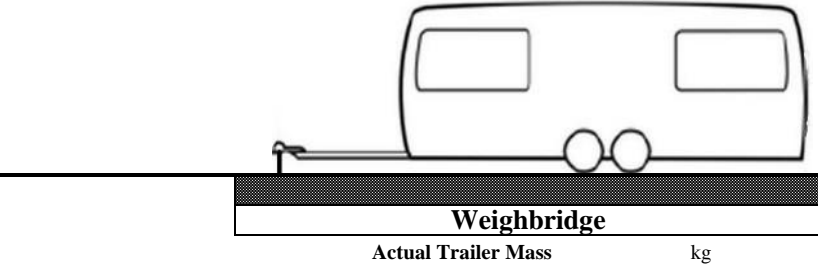
Ball Mass



Actual ball mass must not exceed the lessor of :-

- | | | |
|---|--------|----|
| (a) Tow vehicle manufacturer's ball mass limit. | Rating | kg |
| (b) Tow bar manufacturer's ball mass limit. | Rating | kg |
| (c) Caravan manufacturer's ball mass limit. | Rating | kg |

Trailer Mass



Actual trailer mass (sum of ball mass and axle mass) must not exceed the lessor of :-

- | | | |
|---|--------|----|
| (a) Tow vehicle manufacturers tow rating. | Rating | kg |
| (b) Tow bar manufacturers rated towbar capacity. | Rating | kg |
| (c) Trailer Aggregate Trailer Mass. | Rating | kg |
| (d) Actual trailer mass may be limited by the Gross Combination Mass of the tow vehicle. See note below | | |

Note:- If the sum of the plated **Gross Vehicle Mass** and the **rated towing capacity of the tow vehicle** exceeds the **plated Gross Combination Mass**, then the **Gross Combination Mass** may limit the **maximum actual trailer mass**.

- 1) If the combination is to be loaded to the **plated Gross Combination Mass**.
- 2) The tow vehicle should be loaded to the **plated Gross Vehicle Mass** for maximum stability.
- 3) At maximum load, the **Gross Vehicle Mass** plus the **measured trailer axle mass** equals the **Gross Combination Mass** or
- 4) The **calculated maximum trailer axle mass** equals the **Gross Combination Mass** less the **Gross Vehicle Mass**.
- 5) Therefore the **maximum trailer mass** equals the **trailer mass transferred to the tow vehicle** plus the **calculated maximum trailer axle mass**.