

Tow Capacity and Vehicle Report

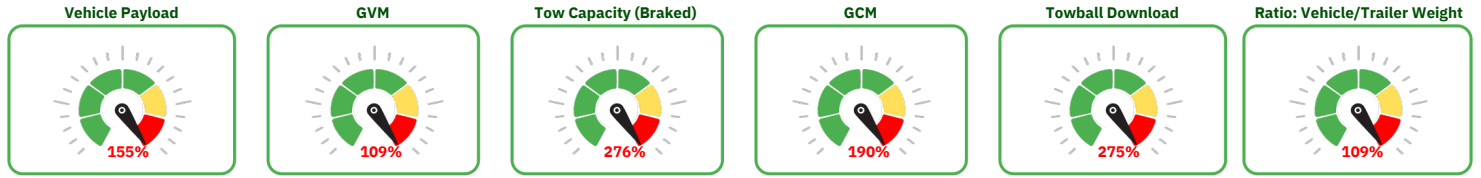
Jayco Journey

Report Run Date: 25/09/2025 13:11

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! Your vehicle specifications indicate that you are likely exceeding your recommended weight limits for towing and payload. It is crucial to consult a professional to ensure your setup is safe and compliant.



**Accessories
Payload =
0 kg**

External Accessories	Weight
Bullbar (Steel)	0 kg
Bullbar (Aluminium)	0 kg
Roof Tent	0 kg
Additional Spare Tyre	0 kg
Side Steps (Running boards)	0 kg
Underbody Protection (Bash plate)	0 kg
Other	0 kg
TOTAL	0 kg

Internal Accessories	Weight
12V Fridge	0 kg
Singe Draw System	0 kg
Double Draw System	0 kg
Tools	0 kg
Additional Batteries	0 kg
Other	0 kg
TOTAL	0 kg

Your Trailer Weight Limits	Trailer Specifications
GTM (Gross Trailer Mass)	2977 kg
ATM (Aggregate Trailer)	3307 kg
Towball Download (standard)	330 kg
Weight Increase on Axle from WDH	0 kg

Your Vehicle Weight Limits	(Max) Vehicle Specification	Your Entered Weight
GVM (Gross Vehicle Mass) (kg)	2500 kg (MAX)	✗ 2732 kg
Payload (kg)	1000 kg (MAX)	(Vehicle Payload) 1222 kg (Towball Payload) 330 kg (AccessoriesPayload) 0kg ✗ TOTAL = 1552 kg
Tow Capacity Braked (kg)	1200 kg (MAX)	✗ 3307 kg
Towball Download (kg)	120 kg (MAX)	✗ 330 kg
GCM (Gross Combined Mass) (kg)	3000 kg (MAX)	✗ 5709 kg
Rear Axle Load Analysis	0 kg (MAX)	✗ No data entered
Front Axle Load Analysis	0 kg (MAX)	✗ No data entered



GTM (Gross Trailer Mass) 2977 kg

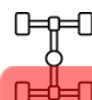
Towball Download 120 kg < 330 kg ✗

Tow Rating 1200 kg < ATM (Aggregate Trailer Mass) 3307 kg ✗

GVM (Gross Vehicle Mass) 2500 kg < 2732 kg ✗

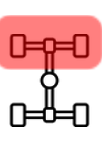
GCM (Gross Combined Mass) 3000 kg < 5709 kg ✗

Vehicle Rear Axle Analysis

Towball Leverage (Loading Weight)	150% 495 kg	
Payload Effect (Loading Weight)	45% 698 kg	
Weight Distribution Hitch Offset (Weight)	0 kg	

Rear Axle with Setup = **1635kg** > Max Rating = **0kg** ✗

Vehicle Front Axle Analysis

Towball Effect (Weight)	-165 kg	
Payload Effect (Loading Weight)	55% 854 kg	
Front Accessories Effect (Loading Weight)	120% 0 kg	
Weight Distribution Hitch Offset (Weight)	0 kg	

Front Axle with Setup = **1262kg** > Max Rating = **0kg** ✗

Vehicle Details

Colour (exterior)

Registration Number

Registration State

Engine Number

VIN Number

Fuel Type Petrol - Unleaded ULP

Engine Size 1.8 LL (1799 cccc)

Cylinders / Rotors 4

Fuel Consumption Combined
- Urban (L/100km)

- Extra Urban (L/100km)

- Combined (L/100km) 6.9 L/100km

Drive Type Front Wheel Drive

Front Overhang mm

Rear Overhang mm

Wheelbase mm 2700

MaximumFrontAxleLoad kg 0

MaximumRearAxleLoad kg 0

Wheel Size



Payload:

This is simply the maximum load your vehicle can carry as specified by the manufacturer. Just deduct your vehicle's Kerb Mass from its Gross Vehicle Mass (GVM) and what's left is the amount of stuff you can load into it. Don't forget this includes all passengers and their luggage, which can seriously bite into your payload.



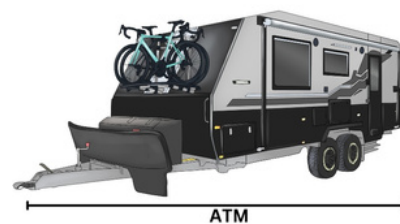
Tare Mass OR Weight (of a Trailer):

This is the weight of an empty trailer. The term 'trailer' covers everything you can tow or 'trail' behind a vehicle, from a single-axle box trailer or camper trailer to motorcycle and jet-ski trailers right on up to heavy duty multi-axle boat trailers and caravans. If it's a camper trailer or caravan, its Tare Mass unlike a motor vehicle does not include fluids like water tanks, LPG tanks, toilet systems. Also known as Dry Weight for obvious reasons.



Gross Trailer Mass (GTM) OR Weight (GTW):

This is the maximum axle load that your trailer is designed to carry as specified by its manufacturer. It is the combined weight of your trailer and its payload but does not include the Tow Ball Download. This can be thought of the weight of your trailer whilst hitched to a vehicle.



Aggregate Trailer Mass (ATM) OR Weight (ATM):

This is the Gross Trailer Mass (GTM) plus the Towball Download. In other words, the ATM is the maximum towing weight of the trailer/caravan as specified by the manufacturer. This can be thought of as the weight of the trailer unhitched.



Gross Combined Mass (GCM) OR Weight (GCW):

This is the maximum weight allowed for your vehicle and trailer combined, as specified by the tow vehicle's manufacturer. This is where you have to pay close attention to your vehicle's GVM and your trailer's ATM, because those two figures determine the GCM and one directly affects the other.

Vehicle Weights Explained



Tare Mass OR Weight:

This is the weight of an empty standard vehicle with all of its fluids (oils, coolants) but with only 10 litres of fuel in the tank.



Kerb Weight OR Mass:

This is the same as Tare Mass, but with a full tank of fuel and without any accessories fitted (bull bars, tow bars, roof racks etc). Think of it as your standard vehicle literally parked at the kerb and ready for you to get in and drive away.



Gross Vehicle Mass (GVM) OR Weight (GVW):

This is the maximum your vehicle can weigh when fully loaded as specified by the manufacturer. You will usually find this GVM figure on the vehicle's weight placard (generally found in the driver's door opening) or in the owner's manual. GVM is the Kerb Mass plus all accessories (bull bars, roof racks, winches etc) and payload (see below). And if you're towing something, GVM includes the Tow Ball Download.