



CARAVAN & CAMPING SA

Connect. Learn. Discover. Experience.



WEIGH DAY INFORMATION BOOKLET

Supported by



**ROAD
SAFETY**



Government of
South Australia

COMPLIANCE AREA	WHAT DOES THIS MEAN?	WHAT CAN I DO TO FIX THIS?
GVM Gross Vehicle Mass <i>Weight of Vehicle</i>	The maximum allowable total mass of a fully loaded motor vehicle. This is the tare mass (mass of the vehicle) plus the load (including towbar, accessories, passengers, fuel etc). And includes any load or weight applied to the vehicle's towbar.	• Remove weight from the vehicle. • Consult a suspension specialist for a GVM. upgrade. • Consult a mechanical engineer.
GTM Gross Trailer Mass <i>Weight of Trailer</i>	The total permissible mass that can be supported by the wheels/tyres of the RV. This includes what you add as payload (e.g. water, gas, equipment and luggage).	• Remove the weight from the vehicle. • Consult a mechanical engineer.
GCM Gross Combination Mass <i>Weight of total combination</i>	The maximum laden mass of the vehicle combination (tow vehicle and caravan) permitted. Be aware, even if the tow vehicle and trailer individually are in their maximum rating, combined they may not be in the GCM rating of tow vehicle.	• Remove weight. • Consult a suspension specialist for a GCM upgrade.
Tow ball mass and balance	The weight imposed on the tow vehicle's towbar by the coupling. The tow ball coupling mass will vary depending on the loading of the trailer.	• Reduce or redistribute weight.

The best way to know if you are towing within the limits of your RV and Car is to have a weight analysis conducted.

WHAT HAPPENS IF I'M OVERWEIGHT?



Brakes may not be effective



More chance of instability or sway



Tyres may not cope



Towball may not cope



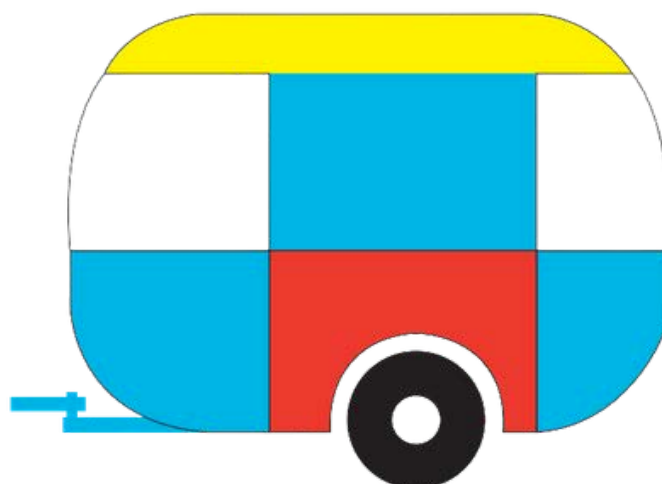
HEAVY ITEMS



MEDIUM ITEMS



LIGHT ITEMS



WHAT ARE YOU RISKING?



Your safety on the road



The safety of other road users



Fines (for GVM, GTM, and/or GCM)



Insurance refusal



Damage to your vehicle

**LOAD SENSIBLY TO MAINTAIN
STABILITY ON THE ROAD,
AVOID SWAY**

Find a Member



i ADAPTIVE MANUFACTURING
Wheel Base Extension, GVM Upgrade
(08) 8490 9706
<https://adaptivemanufacturing.com.au>
Unit 2, 2-4 Byre Avenue, Somerton Park SA 5044



i ONSITE WEIGHBRIDGE
Mobile Weigh Analysis & Advice
0410 831 923
<https://onsiteweighbridge.com.au/>
Adelaide SA 5000



i ADELAIDE 4X4
Brake Controllers, Suspension
(08) 7222 9166
<https://www.adelaide4x4accessories.com.au/>
5 Ventail Crt, Holden Hill SA 5088



i PEDDERS
Suspension, GVM Kits
(08) 8297 9022
<https://www.pedders.com.au/>
17-19 Croydon Rd, Keswick SA 5035



i ADELAIDE 4X4 AND OUTDOOR
Suspension, Towing Equipment, Sway Bars, GVM Upgrades
(08) 8233 4400
<https://www.adelaide4x4outdoor.com.au/>
141 Main South Rd, Morphett Vale SA 5162



i PRO 4X4
GVM Upgrades, Suspension
(08) 8241 0788
<https://pro4x4.com.au/>
15 Port Rd, Queenstown SA 5014



i ALLIN TOWBARS
Design, Towbars & Towing, 4WD Accessories
(08) 8352 5155
<https://www.allintowbars.com.au/>
175 Richmond Rd, Richmond SA 5033



i REDARC
Brake Controllers, Trailer Braking Products
(08) 8322 4848
<https://www.redarc.com.au/>
23 Brodie Rd, Lonsdale SA 5160



i ARB 4X4 AND ACCESSORIES
Towbars, Weight Distribution Systems, Brake Controllers
(08) 8244 5001
<https://www.arb.com.au/>
606-608 South Rd, Angle Park SA 5010



i ROADMASTER CARAVANS
Caravan Modifications, Upgrades
(08) 8384 6011
<https://roadmastercaravans.com.au/>
4/10 Dorset St, Lonsdale SA 5160



i ELECTRIC BRAKE SPECIALISTS
Brake Conversions, Brake Controllers, Caravan Weighing, Compliance Upgrades, Weight Distribution Hitches
(08) 82630600
<https://electricbrakespecialists.com.au/>
14 Braeside Ave, Holden Hill SA 5088



i SALISBURY TOWBAR SERVICE
Towbars, Electric Brake Controllers
(08) 8258 2638
<https://www.salisburytowbars.com.au/>
86 Brown Tce, Salisbury SA 5108



i GO 4X4
GVM Upgrades, Suspension
(08) 8369 0999
<https://go4x4.com.au/>
599 North East Rd, Gilles Plains SA 5086



i SOUTHERN TOWBARS
Towbars, Weight Distribution System, Brake Controllers
(08) 8276 8244
<https://southerntowbars.com.au/>
28 Furness Ave, Edwardstown SA 5039



i HALL TOWBARS
Towbars, Towing & Vehicle Accessories, Weight Distribution, Electric Brakes
(08) 8360 5100
<https://www.halltowbars.com.au/>
478 Main North Rd, Blair Athol SA 5084



i TJM EQUIPMENT
Suspension, GVM Upgrades, Towbars
(08) 8344 6444
<https://www.tjmsa.com.au/>
163 Main North Rd, Nailsworth SA 5083



i LOVELLS
Springs, GVM Upgrades, 4WD Fittings
(08) 8374 5500
<https://lovellsadelaide.com.au/>
15 Deloraine Rd, Edwardstown SA 5039



i TONKIN CONSULTING
Mechanical Engineers, Caravan Weight & Towing Upgrades, GVM Upgrades
(08) 8273 3100
<https://www.tonkin.com.au/>
Level 2/170 Frome St, Adelaide SA 5000



i MUEGGE MECHANICAL
Brake Controllers, Weight Checks
0438 000 302
<https://allrvandmarineworks.com.au/>
Unit 1, 4-8 Deeds Road, Camden Park SA 5038



i YOUR MOBILE WEIGHBRIDGE
Mobile Weigh Analysis & Advice
0418 229 229
<https://yourmobileweighbridge.com.au/>



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www.caravanandcampingsa.com.au



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