

## Towing Capacity Worksheet

Fill in your specs in the shaded boxes and your towing capacity should calculate based on the formulas set up in the spreadsheet

### VEHICLE WEIGHT RATINGS

<b>Tow Vehicle GVWR</b>	5,689	
<b>Tow Vehicle GCVWR</b>	9,189	
<b>Theoretical Tow Rating (GCVWR - Dry Weight)</b>	5,049	GCVWR - Dry Weight of Tow Vehicle (allows for no payload in Tow Vehicle)
<b>Trailer GVWR</b>	5,000	

GVWR = Gross Vehicle Weight Rating

GCVWR = Gross Combined Vehicle Weight Rating

### CALCULATION OF TOW VEHICLE WEIGHTS

<b>Tow Vehicle</b>	Dry Wt.	4,140		
<b>Gasoline - Gallons</b>	20	6 lbs/gal	120	
<b>People</b>			425	
<b>Cargo and Stuff</b>			300	
<b>Weight of Hitch Receiver and Accessories</b>			75	
				Note: Check your Owner's Manual to fully understand what is included in the "Dry Weight". Adjust entries accordingly.
				Include WDH, Sway Bars as necessary.
<b>Actual Weight Tow Vehicle (GVW)</b>			5,060	Loaded vehicle weight including fuel, water, gear,
<b>Percentage of Tow Vehicle GVWR</b>			88.9%	Passengers
<b>Under / (Over) Tow Vehicle GVWR (lbs.)</b>			629	

### CALCULATION OF TRAILER WEIGHTS

<b>Dry Weight Trailer</b>			2,915	
<b>Options</b>			300	
<b>Battery</b>			45	
<b>Propane</b>	1	20 lb Tanks	38	
<b>Water in Tank - Gals</b>	20	8.4 lbs./gal	168	
<b>Stuff in Trailer (lbs)</b>			200	
<b>Trailer Towed with Fresh Water Tank Full (y/n)?</b>			n	
<b>Actual Weight Travel Trailer (TGVW)</b>			3,498	This number must not exceed the GVWR of the trailer.
<b>Percentage of Trailer GVWR</b>			70.0%	
<b>Under / (Over) Trailer GVWR (lbs.)</b>			1,502	

### CALCULATION OF COMBINED VEHICLE WEIGHTS

<b>Actual Gross Combined Vehicle Weight (TGVW + GVW)</b>	8,558	This number must not exceed GCVWR of the tow vehicle.
<b>Actual % of GCVWR</b>	93.13%	Total Rig weight greater than 90% of GCVWR can cause excessive wear and tear, and leaves a limited margin for error or for safety.
<b>Under / (Over) GCVWR</b>	631	
<b>Actual Weight Tow Vehicle (GVW)</b>	5,060	
<b>Trailer Tongue Weight (Enter % as whole number)</b>	14	490 Tongue weight recommended to be between 10 and 15% of trailer weight.
<b>Final total GVW calculation for tow vehicle</b>	5,550	This number must not exceed GVWR of Tow Vehicle
<b>Under / (Over) GVWR for tow vehicle</b>	139	This number represents the weight changes needed.

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