

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

Tow Vehicle GVWR (Enter G5)	9,200	
Tow Vehicle GCVWR (Enter G6)	18,500	
Theoretical Tow Rating (GCVWR - Dry Weight)	12,653	GCVWR - Dry Weight of Tow Vehicle (allows for no payload in Tow Vehicle)
Trailer GVWR (Enter G7)	7,300	

GVWR = Gross Vehicle Weight Rating, GCVWR=Gross Combined Vehicle Weight Rating

CALCULATION OF TOW VEHICLE WEIGHTS

Tow Vehicle	Dry Wt.	5,847		Note: Check your Owner's Manual to fully understand what is included in the "Dry Weight". Adjust entries accordingly.
Gasoline - Gallons	26	6	lbs/gal	156
People				450
Cargo and Stuff				400
Weight of Hitch Receiver and Accessories				200
				Include WDH, Sway Bars as necessary.
Actual Weight Tow Vehicle (GVW)		7,053		Loaded vehicle weight including fuel, water, gear,
Percentage of Tow Vehicle GVWR		76.7%		passengers
Under (Over) Tow Vehicle GVWR (lbs.)		2,147		

CALCULATION OF TRAILER WEIGHTS

Dry Weight Trailer				5,400
Options				400
Battery				45
Propane	2	20	lb Tanks	76
Water in Tank - Gals.	39	8.4	lbs./gal	328
Stuff in Trailer (lbs)				400
Trailer Towed with Fresh Water Tank Full (y/n):				y
Actual Weight Travel Trailer (TGVW)		6,649		This number must not exceed the GVWR of the trailer.
Percentage of Trailer GVWR		91.1%		
Under (Over) Trailer GVWR (lbs.)		651		

CALCULATION OF COMBINED VEHICLE WEIGHTS

Actual Gross Combined Vehicle Weight (TGVW + GVW)	13,702	This number must not exceed GCVWR of the tow vehicle.
Actual % of GCVWR	74.06%	Total Rig weight greater than 90% of GCVWR can cause excessive wear and tear and leaves a limited margin for error or for safety
Under (Over) GCVWR	4,798	
Actual Weight Tow Vehicle (GVW)	7,053	
Trailer Tongue Weight (Enter % as whole number)	12	798 Tongue weight recommended to be between 10 and 15% of trailer weight.
Final total GVW calculation for tow vehicle	7,851	This number must not exceed GVWR of Tow Vehicle
Under (Over) GVWR for tow vehicle	1349	This number represents the weight changes needed.