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

Tow Vehicle GVWR	6,900	
Tow Vehicle GCVWR	14,586	
Theoretical Tow Rating (GCVWR - Dry Weight)	4,751	GCVWR - Dry Weight of Tow Vehicle (allows for no payload in Tow Vehicle)
Trailer GVWR	7,400	

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

CALCULATION OF TOW VEHICLE WEIGHTS

Tow Vehicle		Dry Wt.	4,751		Note: Check your Owner's Manual to fully understand
Gasoline - Gallons	23.8	6 lbs/gal	143		what is included in the "Dry Weight". Adjust entries accordingly.
People			450		
Cargo and Stuff			300		
Weight of Hitch Receiver and Accessories			25		Include WDH, Sway Bars as necessary.

Actual Weight Tow Vehicle (GVW)	5,669	Loaded vehicle weight including fuel, water, gear,
Percentage of Tow Vehicle GVWR	82.2%	Passengers
Under / (Over) Tow Vehicle GVWR (lbs.)	1,231	

CALCULATION OF TRAILER WEIGHTS

Dry Weight Trailer		5,459	
Options		300	
Battery		60	
Propane	2	20 lb Tanks	76
Water in Tank - Gals	43	8.4 lbs./gal	361
Stuff in Trailer (lbs)		500	
Trailer Towed with Fresh Water Tank Full (y/n)?	n		

Actual Weight Travel Trailer (TGVW)	6,395	This number must not exceed the GVWR of the trailer.
Percentage of Trailer GVWR	86.4%	
Under / (Over) Trailer GVWR (lbs.)	1,005	

CALCULATION OF COMBINED VEHICLE WEIGHTS

Actual Gross Combined Vehicle Weight (TGVW + GVW)	12,064	This number must not exceed GCVWR of the tow vehicle.
Actual % of GCVWR	82.71%	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	2,522	
Actual Weight Tow Vehicle (GVW)	5,669	
Trailer Tongue Weight (Enter % as whole number) 10.75	687	Tongue weight recommended to be between 10 and 15% of trailer weight.
Final total GVW calculation for tow vehicle	6,356	This number must not exceed GVWR of Tow Vehicle
Under / (Over) GVWR for tow vehicle	544	This number represents the weight changes needed.

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