

Enter in Shaded Cells Only			
Tow Vehicle (TV) ----->	Ram 1500 Big Horn		
TV Curb Weight	5,929.00		
TV GVWR (Gross Vehicle Weight Rating)	7,600.00		
TV GCVWR (Gross Combine Vehicle Weight Rating)	15,000.00		
TV Payload	1,670.00		
TV Towing (pulling) Capacity	8,570.00		
Estimated TV Vehicle Payload Including Hitch Weight			
Passengers (Pulls from H11:14)	400.00		
TV Cargo (Pulls from H18:25)	415.00		
Trailer Cargo (Pulls from H29:36 or H7)	1,011.00	Greater of H29:36 or H7	
Hitch Weight (enter either cell J9 or K9); see* or ** to decide	1,138.00		
Total TV Payload	1,953.00		
Available TV Capacities once TV is Hitched to Trailer		% available	
Available TV Payload	(283.00)	-16.95%	
Available TV GVWR (Gross Vehicle Weight Rating)	(282.00)	-3.71%	
Available TV GCVWR (Gross Combine Vehicle Weight Rating)	671.00	4.47%	
Available TV Towing Capacity	2,123.00	24.77%	
	GAWR	Base Weight	Available Capacity
	3,700.00	3,000.00	700.00
	3,900.00	2,929.00	971.00
		5,929.00	
	Base Axle weight needs to equal Curb Weight of TV		
Trailer ----->	Rockwood Mini Lite 2514s		
UVW	5,879.00		
CCC	1,706.00	CCC Hitch Weight	
GVWR (CCC + UVW)	7,585.00	Dry weight Hitch % 10% 17%	
Dry Hitch Weight	1,138.00	15.00% 758.50 1,289.45	
		* **	
Passengers	Weight		
Driver	250.00		
Passenger(s)	150.00		
Kids	400.00		
TV Cargo	Weight		
Hitch	90.00		
Wood	100.00		
Supplies	125.00		
Bike(s)	0.00		
Kayak	0.00		
Generator (1)			
Camper Shell	100.00		
it adds up quickly	415.00		
Trailer Cargo	Weight		
Groceries	75.00	* Use this Trailer Tongue Weight if you only have bedding, minor clothing, soap and towels, minor food/drinks and paper & plastic dishware; rear, extreme minima	
Clothes & Per. Items	100.00	** Use this Trailer Tongue Weight if ever travel with water & sewage, loaded storage and cabinets; most campers	
water	416.00		
Bikes	75.00		
Dishware	125.00		
Tools	50.00		
Hoses/Cords	20.00		
Camp Supplies	150.00		
	1,011.00		
Legend			
TV - Tow Vehicle - the vehicle pulling the trailer			
TT - Travel Trailer - the trailer being pulled			
Curb Weight - weight of vehicle without cargo or passengers but with full fluids			
GVWR - Gross Vehicle Weight Rating - maximum operating weight			
GCVWR - Gross Combine Vehicle Weight Rating - gross operating weight of the tow vehicle and trailer			
Payload - weight that can be added to the bed, hitch or cab of the tow vehicle			
Towing Capacity - maximum weight that can be pulled/stopped by the tow vehicle			
Hitch Weight - weight that the trailer applies/adds to the tow vehicle			
UVW - trailer Unloaded Vehicle Weight - weight coming off the assembly line (no batteries, propane, etc.)			
CCC - trailer Cargo Carrying Capacity - weight that can be added to the trailer (batteries, propane, inside contents, water/waste)			
Dry Hitch Weight - the unloaded trailer weight that will be applied to the tow vehicle once hooked up			
Capacity Goals			
At least 10% remaining capacity = Green, you have some buffer			
Between 9.99% and 1% = Yellow, use caution, really maxing the TV			
Zero or below = Red, dangerous, over capacity and possibly illegal			
Tow Vehicle Capacities Found			
Driver's Side Door Jamb Data Plate(s) - usually white and/or yellow			
Year, Make and Model Manufacturer Towing Guide			
Year, Make and Model Owner's Manual			
Note: CAT Scale weighing is always the most accurate to determine Curb Weight and Axles weights			
Note: if capacity discrepancies are found between Manual's, Guides or Data Plates, always use the lowest			
Disclaimer: It is your responsibility to check all formulas, numbers and data for accurate information.			
Check the load capacity of your tires.			

A large grid of empty table cells, consisting of 30 columns and 40 rows. The grid is formed by thin black lines on a white background.





