



2021 RAM 1500 Trailer Towing Chart - SAE J2807 Compliant												
Engine	Transmission	Axle Ratio	GVWR	Payload	Base Weight			GAWR		GCWR	Max. Trailer	
					Total	Front	Rear	Front	Rear			
<b>QUAD CAB - 6'4" Box 4x2</b>												
3.6L V6 HFE	A8 850RE	3.21	6010	1240	4768	2719	2048	3,700	4,100	11,900	6,760	
3.6L V6	A8 850RE	3.55	7100	2300	4778	2721	2057	3,700	4,100	12,900	7,740	
3.0L V6 ECODIESEL	A8 8HP75	3.21	7200	2060	5141	3027	2114	3,700	4,100	13,900	8,380	
3.0L V6 ECODIESEL	A8 8HP75	3.92	7200	2060	5141	3027	2114	3,700	4,100	15,600	10,080	
3.0L V6 ECODIESEL	A8 8HP75	3.92 Max Tow Pkg	7200	2060	5141	3027	2114	3,700	4,100	18,250	12,560	
5.7L V8 HEMI	A8 8HP75	3.21	6900	1930	4966	2896	2069	3,700	4,100	13,900	8,550	
5.7L V8 HEMI	A8 8HP75	3.92	6900	1930	4966	2896	2069	3,700	4,100	17,000	11,650	
5.7L V8 HEMI BSG	A8 8HP75	3.21	6900	1840	5055	2964	2091	3,700	4,100	13,900	8,460	
5.7L V8 HEMI BSG	A8 8HP75	3.92	6900	1840	5055	2964	2091	3,700	4,100	17,000	11,560	
5.7L V8 HEMI BSG	A8 8HP75	3.92 Max Tow Pkg	6900	1840	5055	2964	2091	3,700	4,100	18,350	12,750	
<b>CREW CAB - 5'7" Box, 4x2</b>												
3.6L V6	A8 850RE	3.21	6900	2030	4878	2744	2135	3,700	4,100	11,900	6,540	
3.6L V6	A8 850RE	3.55	6900	2030	4878	2744	2135	3,700	4,100	12,900	7,540	
3.0L V6 ECODIESEL HFE	A8 8HP75	3.21	6990	1747	5243	3057	2186	3,700	4,100	13,900	8,290	
3.0L V6 ECODIESEL	A8 8HP75	3.21	7000	1799	5201	3051	2150	3,700	4,100	13,900	8,220	
3.0L V6 ECODIESEL	A8 8HP75	3.92	7000	1799	5201	3051	2150	3,700	4,100	15,600	9,920	
5.7L V8 HEMI	A8 8HP75	3.21	6900	1840	5055	2929	2126	3,700	4,100	13,900	8,350	
5.7L V8 HEMI	A8 8HP75	3.92	6900	1840	5055	2929	2126	3,700	4,100	17,000	11,450	
5.7L V8 HEMI BSG	A8 8HP75	3.21	6900	1760	5136	2983	2153	3,700	4,100	13,900	8,270	
5.7L V8 HEMI BSG	A8 8HP75	3.92	6900	1760	5136	2983	2153	3,700	4,100	17,000	11,370	
<b>CREW CAB - 6'4" Box, 4x2</b>												
3.6L V6	A8 850RE	3.21	6900	2000	4909	2797	2112	3,700	4,100	11,900	6,600	
3.6L V6	A8 850RE	3.55	6900	2000	4909	2797	2112	3,700	4,100	12,900	7,600	
3.0L V6 ECODIESEL	A8 8HP75	3.21	7000	1740	5265	3125	2140	3,700	4,100	13,900	8,250	
3.0L V6 ECODIESEL	A8 8HP75	3.92	7000	1740	5265	3125	2140	3,700	4,100	15,600	9,950	
5.7L V8 HEMI	A8 8HP75	3.21	6900	1810	5095	2993	2102	3,700	4,100	13,900	8,400	
5.7L V8 HEMI	A8 8HP75	3.92	6900	1810	5095	2993	2102	3,700	4,100	17,000	11,500	
5.7L V8 HEMI BSG	A8 8HP75	3.21	6900	1710	5187	3056	2131	3,700	4,100	13,900	8,310	
5.7L V8 HEMI BSG	A8 8HP75	3.92	6900	1710	5187	3056	2131	3,700	4,100	17,000	11,410	



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					Total	Front	Rear	Front	Rear			
<b>QUAD CAB - 6'4" Box 4x4</b>												
3.6L V6	A8 850RE	3.21	6800	1830	4975	2886	2089	3,900	4,100	11,900	6,530	
3.6L V6	A8 850RE	3.55	6800	1830	4975	2886	2089	3,900	4,100	12,900	7,530	
3.0L V6 ECODIESEL	A8 8HP75	3.21	7100	1770	5339	3188	2150	3,900	4,100	13,900	8,170	
3.0L V6 ECODIESEL	A8 8HP75	3.92	7100	1770	5339	3188	2150	3,900	4,100	15,600	9,870	
5.7L V8 HEMI	A8 8HP75	3.21	7100	1940	5163	3073	2090	3,900	4,100	13,900	8,330	
5.7L V8 HEMI	A8 8HP75	3.92	7100	1940	5163	3073	2090	3,900	4,100	17,000	11,430	
5.7L V8 HEMI BSG	A8 8HP75	3.21	7100	1820	5271	3137	2134	3,900	4,100	13,900	8,230	
5.7L V8 HEMI BSG	A8 8HP75	3.92	7100	1820	5271	3137	2134	3,900	4,100	17,000	11,330	
<b>CREW CAB - 5'7" Box, 4x4</b>												
3.6L V6	A8 850RE	3.21	6900	1838	5062	2904	2158	3,900	4,100	11,900	6,460	
3.6L V6	A8 850RE	3.55	6900	1838	5062	2904	2158	3,900	4,100	12,900	7,460	
3.0L V6 ECODIESEL	A8 8HP75	3.21	7200	1770	5428	3225	2203	3,900	4,100	13,900	7,780	
3.0L V6 ECODIESEL	A8 8HP75	3.92	7200	1770	5428	3225	2203	3,900	4,100	15,600	9,480	
5.7L V8 HEMI	A8 8HP75	3.21	7100	1870	5237	3096	2141	3,900	4,100	13,900	8,220	
5.7L V8 HEMI	A8 8HP75	3.92	7100	1870	5237	3096	2141	3,900	4,100	17,000	11,320	
5.7L V8 HEMI BSG	A8 8HP75	3.21	7100	1800	5308	3149	2159	3,900	4,100	13,900	8,100	
5.7L V8 HEMI BSG	A8 8HP75	3.92	7100	1800	5308	3149	2159	3,900	4,100	17,000	11,200	
6.2L SUPERCHARGED HEMI V8 SRT	A8 8HP75	3.55	7800	1310	6396	3664	2732	4,300	4,200	15,160	8,100	
<b>CREW CAB - 6'4" Box, 4x4</b>												
3.6L V6	A8 850RE	3.21	6900	1790	5106	2975	2131	3,900	4,100	11,900	6,290	
3.6L V6	A8 850RE	3.55	6900	1790	5106	2975	2131	3,900	4,100	12,900	7,290	
3.0L V6 ECODIESEL	A8 8HP75	3.21	7200	1740	5453	3287	2166	3,900	4,100	13,900	7,910	
3.0L V6 ECODIESEL	A8 8HP75	3.92	7200	1740	5453	3287	2166	3,900	4,100	15,600	9,610	
5.7L V8 HEMI	A8 8HP75	3.21	7100	1800	5302	3162	2140	3,900	4,100	13,900	8,200	
5.7L V8 HEMI	A8 8HP75	3.92	7100	1800	5302	3162	2140	3,900	4,100	17,000	11,300	
5.7L V8 HEMI BSG	A8 8HP75	3.21	7100	1690	5415	3214	2200	3,900	4,100	13,900	7,940	
5.7L V8 HEMI BSG	A8 8HP75	3.92	7100	1690	5415	3214	2200	3,900	4,100	17,000	11,040	

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Engine	Transmission	Axle Ratio	GVWR	Payload	Base Weight			GAWR		GCWR	Max. Trailer
					Total	Front	Rear	Front	Rear		
<b>Notes</b>	<p>All weights are shown in pounds unless otherwise stated</p> <p>Payload is rounded to the nearest 10 lbs. Payload = GVWR - Base Wt.</p> <p>Optional equipment weight for HD (&gt; 8500 lbs of GVWR).</p> <p>If not already included in the EPA options. This is the weight of the entire trailer tow package, not just the hitch.</p> <p>Payload and maximum trailer weight are mutually exclusive.</p> <p>GCWR is a defined value from Vehicle Development in lbs</p> <p>Per SAE regulation (SAE J2807) <math>GCW = \text{Base Weight} + \text{EPA Options} + \text{Trailer Pkg Weight} + \text{Max Trailer} + 300 \text{ lbs (Passenger + Driver)}</math></p> <p>6,010 GVWR only available with 3.6L Quad HFE</p> <p>6,990 GVWR only available with 3.0L Diesel HFE</p>										