

2023 STELLANTIS PRODUCT INFO



2023 Ram 1500 TOWING CHARTS

RAM 1500 4X2 QUAD CAB: TRADESMAN 6'4" BOX

Engine	Transmission	SRW/ DRW	Axle Ratio	GVWR	Payload	Base Weight Total	Base Weight Front	Base Weight Rear	GAWR Front	GAWR Rear	GCW	GCWR	Max. Trailer Weight Rating
3.6L V-6	A8 850RE	SRW	3.55	7100	2300	4770.82	2715.36	2055.45	3,700	4,100	12,900	12,900	7,690
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.21	7200	2090	5111.75	3022.55	2089.20	3,700	4,100	13,900	13,900	8,310
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.92	7200	2090	5111.75	3022.55	2089.20	3,700	4,100	15,600	15,600	10,010
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.92	7200	2090	5111.75	3022.55	2089.20	3,700	4,100	18,250	18,250	12,560
5.7L V-8 HEMI	A8 8HP75	SRW	3.21	6900	1840	5056.24	2964.59	2091.64	3,700	4,100	13,900	13,900	8,450
5.7L V-8 HEMI®	A8 8HP75	SRW	3.21	6900	1930	4967.04	2897.24	2069.80	3,700	4,100	13,900	13,900	8,490
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	6900	1840	5056.24	2964.59	2091.64	3,700	4,100	17,000	17,000	11,560
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	6900	1930	4967.04	2897.24	2069.80	3,700	4,100	17,000	17,000	11,590
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	6900	1840	5056.24	2964.59	2091.64	3,700	4,100	18,350	18,350	12,750

2023 STELLANTIS PRODUCT INFO



RAM 1500 4X2 CREW CAB: TRADESMAN 6'4" BOX

Engine	Transmission	SRW/ DRW	Axle Ratio	GVWR	Payload	Base Weight Total	Base Weight Front	Base Weight Rear	GAWR Front	GAWR Rear	GCW	GCWR	Max. Trailer Weight Rating
3.6L V-6	A8 850RE	SRW	3.21	6900	1990	4910.04	2797.76	2112.28	3,700	4,100	11,900	11,900	6,490
3.6L V-6	A8 850RE	SRW	3.55	6900	1990	4910.04	2797.76	2112.28	3,700	4,100	12,900	12,900	7,490
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.21	7000	1770	5232.96	3107.32	2125.64	3,700	4,100	13,900	13,900	8,130
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.92	7000	1770	5232.96	3107.32	2125.64	3,700	4,100	15,600	15,600	9,830
5.7L V-8 HEMI	A8 8HP75	SRW	3.21	6900	1710	5188.30	3056.76	2131.54	3,700	4,100	13,900	13,900	8,210
5.7L V-8 HEMI	A8 8HP75	SRW	3.21	6900	1810	5096.70	2994.28	2102.43	3,700	4,100	13,900	13,900	8,440
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	6900	1710	5188.30	3056.76	2131.54	3,700	4,100	17,000	17,000	11,310
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	6900	1810	5096.70	2994.28	2102.43	3,700	4,100	17,000	17,000	11,540

2023 STELLANTIS PRODUCT INFO



RAM 1500 4X2 CREW CAB: TRADESMAN 5'7" BOX

Engine	Transmission	SRW/ DRW	Axle Ratio	GVWR	Payload	Base Weight Total	Base Weight Front	Base Weight Rear	GAWR Front	GAWR Rear	GCW	GCWR	Max. Trailer Weight Rating
3.6L V-6	A8 850RE	SRW	3.21	6900	2030	4879.44	2744.47	2134.97	3,700	4,100	11,900	11,900	6,550
3.6L V-6	A8 850RE	SRW	3.55	6900	2030	4879.44	2744.47	2134.97	3,700	4,100	12,900	12,900	7,550
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.21	7000	1800	5202.35	3051.98	2150.37	3,700	4,100	13,900	13,900	8,110
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.92	7000	1800	5202.35	3051.98	2150.37	3,700	4,100	15,600	15,600	9,810
5.7L V-8 HEMI	A8 8HP75	SRW	3.21	6900	1760	5136.98	2983.94	2153.04	3,700	4,100	13,900	13,900	8,200
5.7L V-8 HEMI	A8 8HP75	SRW	3.21	6900	1840	5053.07	2928.22	2124.86	3,700	4,100	13,900	13,900	8,420
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	6900	1760	5136.98	2983.94	2153.04	3,700	4,100	17,000	17,000	11,300
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	6900	1840	5053.07	2928.22	2124.86	3,700	4,100	17,000	17,000	11,520

2023 STELLANTIS PRODUCT INFO



RAM 1500 4X4 QUAD CAB: TRADESMAN 6'4" BOX

Engine	Transmission	SRW/ DRW	Axle Ratio	GVWR	Payload	Base Weight Total	Base Weight Front	Base Weight Rear	GAWR Front	GAWR Rear	GCW	GCWR	Max. Trailer Weight Rating
3.6L V-6	A8 850RE	SRW	3.21	6800	1830	4970.07	2879.30	2090.77	3,900	4,100	11,900	11,900	6,500
3.6L V-6	A8 850RE	SRW	3.55	6800	1830	4970.07	2879.30	2090.77	3,900	4,100	12,900	12,900	7,500
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.21	7100	1820	5285.28	3179.60	2105.68	3,900	4,100	13,900	13,900	7,800
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.92	7100	1820	5285.28	3179.60	2105.68	3,900	4,100	15,600	15,600	9,700
5.7L V-8 HEMI	A8 8HP75	SRW	3.21	7100	1840	5250.79	3136.68	2114.11	3,900	4,100	13,900	13,900	8,200
5.7L V-8 HEMI	A8 8HP75	SRW	3.21	7100	1940	5164.79	3073.99	2090.80	3,900	4,100	13,900	13,900	8,240
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	7100	1840	5250.79	3136.68	2114.11	3,900	4,100	17,000	17,000	11,300
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	7100	1940	5164.79	3073.99	2090.80	3,900	4,100	17,000	17,000	11,340

2023 STELLANTIS PRODUCT INFO



RAM 1500 4X4 CREW CAB: TRADESMAN 6'4" BOX

Engine	Transmission	SRW/ DRW	Axle Ratio	GVWR	Payload	Base Weight Total	Base Weight Front	Base Weight Rear	GAWR Front	GAWR Rear	GCW	GCWR	Max. Trailer Weight Rating
3.6L V-6	A8 850RE	SRW	3.21	6900	1790	5107.04	2975.76	2131.28	3,900	4,100	11,900	11,900	6,120
3.6L V-6	A8 850RE	SRW	3.55	6900	1790	5107.04	2975.76	2131.28	3,900	4,100	12,900	12,900	7,120
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.21	7200	1740	5454.52	3288.36	2166.16	3,900	4,100	13,900	13,900	7,760
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.92	7200	1740	5454.52	3288.36	2166.16	3,900	4,100	15,600	15,600	9,460
5.7L V-8 HEMI	A8 8HP75	SRW	3.21	7100	1710	5397.44	3224.77	2172.66	3,900	4,100	13,900	13,900	7,800
5.7L V-8 HEMI	A8 8HP75	SRW	3.21	7100	1800	5303.47	3163.26	2140.21	3,900	4,100	13,900	13,900	8,210
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	7100	1710	5397.44	3224.77	2172.66	3,900	4,100	17,000	17,000	10,900
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	7100	1800	5303.47	3163.26	2140.21	3,900	4,100	17,000	17,000	11,310

2023 STELLANTIS PRODUCT INFO



RAM 1500 4X4 CREW CAB: TRADESMAN 5'7" BOX

Engine	Transmission	SRW/ DRW	Axle Ratio	GVWR	Payload	Base Weight Total	Base Weight Front	Base Weight Rear	GAWR Front	GAWR Rear	GCW	GCWR	Max. Trailer Weight Rating
3.6L V-6	A8 850RE	SRW	3.21	6900	1840	5063.29	2904.63	2158.66	3,900	4,100	11,900	11,900	6,320
3.6L V-6	A8 850RE	SRW	3.55	6900	1840	5063.29	2904.63	2158.66	3,900	4,100	12,900	12,900	7,320
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.21	7200	1820	5370.52	3205.62	2164.91	3,900	4,100	13,900	13,900	7,900
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.92	7200	1820	5370.52	3205.62	2164.91	3,900	4,100	15,600	15,600	9,600
5.7L V-8 HEMI	A8 8HP75	SRW	3.21	7100	1800	5305.83	3140.65	2165.18	3,900	4,100	13,900	13,900	8,100
5.7L V-8 HEMI	A8 8HP75	SRW	3.21	7100	1860	5246.04	3102.01	2144.03	3,900	4,100	13,900	13,900	8,170
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	7100	1800	5305.83	3140.65	2165.18	3,900	4,100	17,000	17,000	11,200
5.7L V-8 HEMI	A8 8HP75	SRW	3.92	7100	1860	5246.04	3102.01	2144.03	3,900	4,100	17,000	17,000	11,270

2023 STELLANTIS PRODUCT INFO



RAM 1500 4X2 QUAD CAB: HFE 6'4" BOX

Engine	Transmission	SRW/DRW	Axle Ratio	GVWR	Payload	Base Weight Total	Base Weight Front	Base Weight Rear	GAWR Front	GAWR Rear	GCW	GCWR	Max. Trailer Weight Rating
3.6L V-6	A8 850RE	SRW	3.21	6010	1240	4768.99	2720.33	2048.66	3,700	4,100	11,900	11,900	6,760

RAM 1500 4X2 CREW CAB: HFE 5'7" BOX

Engine	Transmission	SRW/DRW	Axle Ratio	GVWR	Payload	Base Weight Total	Base Weight Front	Base Weight Rear	GAWR Front	GAWR Rear	GCW	GCWR	Max. Trailer Weight Rating
3.0L V-6 ECODIESEL	A8 8HP75	SRW	3.21	6990	1750	5244.21	3057.72	2186.49	3,700	4,100	13,900	13,900	8,290

RAM 1500 4X4 CREW CAB: TRX 5'7" BOX

Engine	Transmission	SRW/DRW	Axle Ratio	GVWR	Payload	Base Weight Total	Base Weight Front	Base Weight Rear	GAWR Front	GAWR Rear	GCW	GCWR	Max. Trailer Weight Rating
6.2L SUPER CHARGED V8	A8 8HP75	SRW	3.55	7800	1310	6430.21	3690.17	2740.05	4,300	4,200	15,160	15,160	8,100

NOTES

1. Payload and Max Trailer Weights are ESTIMATED values.
2. All weights are shown in pounds unless otherwise stated.
3. Payload and Max Trailer Weight values are rounded to the nearest 10 lb.
4. Payload = GVWR – Base Weight.
5. Trailer Weight Rating and Tow Vehicle Trailing Weight are calculated as specified in SAE J2807.
 - o Passenger Weight = 300 lb.
 - o Options Weight is option content above 33 percent of sales volume.
 - o Trailer equipment weight = Class IV receiver hitch is 11.1 lb. (if not already included in options weight).
 - o Trailer Hitch is 10 lb. if TWWR is less or equal to 5,000 lb. and 65 lb. if TWWR is greater than 5,000 lb.
6. Payload and Trailer Weight Rating are mutually exclusive.
7. GAWRs, GVWRs and GCWRs should never be exceeded.
8. The recommended tongue weight for a conventional hitch is 10 percent of the gross trailer weight. The maximum tongue weight for Class IV receiver hitch is limited to 1100 lb.
9. Weight Distributing Hitch is recommended for trailers over 5,000 lb.



WEIGHT TERM DEFINITIONS

33% Option Weight

Combined weight of all production installed options that have a projected sales volume of more than 33% and comply with EPA rules.

Axle Ratio

The ratio between the driveshaft rpm and axle shaft rpm. The axle ratio is critical in the operation of the transmission/driveshaft/axle system that transmits engine torque to the driving wheels.

Base Weight

The weight of a standard equipped sales unit (vehicle line, body style, GVWR, engine, transmission & electrification) with full quantities of fuel, lubricant & coolant.

Gross Axle Weight Rating (GAWR)

The maximum weight to be carried by a single axle (front or rear).

Gross Combined Weight Rating (GCWR)

The maximum allowable weight of the towing vehicle and the loaded trailer – including all cargo and passengers – that the vehicle can handle without risking damage.

Gross Vehicle Weight Rating (GVWR)

The maximum allowable weight of the fully loaded vehicle.

Payload

The combined maximum allowable weight of options, cargo and passengers that the truck is designed to carry.

Tongue Weight

The weight a conventional trailer puts on the back of a tow vehicle. 10 percent of the trailer weight recommended for a conventional hitch trailer and 15 percent recommended for a gooseneck or fifth wheel trailer.

Trailer Weight Rating (TWR)

The maximum allowable weight of a trailer plus cargo that a vehicle configuration can handle.

#