

Trailer Towing Chart

REMARKS PERTAINING TO INDIVIDUAL BODY SHELLS
BODY
SHELL

REMARKS
MODEL DECODER
VEHICLE LINE :
1 = 4X2 , 6 = 4X4
PRICE CLASS :
E = HFE , L = ST , H = SLT , S = SPORT , P = LARAMIE , R = LONGHORN , X = REBEL , T = SSV
BODY STYLE :
41 = QUAD CAB 6'4" BOX, 61 = REGULAR CAB 6'4" BOX
62 = REGULAR CAB 8' BOX, 98 = CREW CAB 5'7" BOX, 91 = CREW CAB 6'4" BOX
ENGINE:
ERB = 3.6L V6 ENGINE
EZH = 5.7L HEMI V8 ENGINE
EXF = 3.0L DIESEL V6 ENGINE
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NOTES:
* QUAD CAB AND CREW CAB MODELS WITH OFF ROAD TIRE (S/C TXN),
ALL TERRAIN TIRE (S/C TWG) OR STEEL WHEEL (S/C WFP) HAVE 6800 LB GVWR.
* ALL MODELS WITH 22 INCH TIRES (S/C TY4) HAVE 6200 LB GVWR.
* BIG HORN AND LONE STAR PACKAGES EQUIPPED WITH THE 3.0L V6 ECODIESEL ENGINE
AND A 3.92 AXLE RATIO HAVE 13,750 LB. GCWR.

Trailer Towing Chart

2018DS1E41

RAM 1500 4X2 QUAD ST 6'4" BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.55		6945	1500.0	5444.01	3103.48	2340.53	3700.0	3900.0	13750	13750	7930.0

Trailer Towing Chart

2018DS1H41

RAM 1500 4X2 QUAD SLT 6'4" BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.21		6800	1880.0	4921.27	2737.91	2183.36	3700.0	3900.0	9850	9850	4610.0
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.55		6800	1880.0	4921.27	2737.91	2183.36	3700.0	3900.0	12845	12900	7600.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.55		6950	1600.0	5346.97	3117.81	2229.16	3700.0	3900.0	13750	13750	7990.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6950	1600.0	5346.97	3117.81	2229.16	3700.0	3900.0	13750	13750	7990.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6950	1600.0	5346.97	3117.81	2229.16	3700.0	3900.0	14750	14750	8990.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.21		6900	1760.0	5144.44	2967.18	2177.26	3700.0	3900.0	13800	13800	8160.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6900	1760.0	5144.44	2967.18	2177.26	3700.0	3900.0	15975	15975	10340.0

Trailer Towing Chart

2018DS1H61

RAM 1500 4X2 REG SLT 6'4" BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.21		6025	1480.0	4540.56	2498.04	2042.52	3700.0	3900.0	9850	9850	4940.0
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.55		6025	1480.0	4540.56	2498.04	2042.52	3700.0	3900.0	12145	12200	7240.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.21		6350	1590.0	4760.64	2718.99	2041.65	3700.0	3900.0	13800	13800	8660.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.92		6350	1590.0	4760.64	2718.99	2041.65	3700.0	3900.0	14350	14350	9210.0

Trailer Towing Chart

2018DS1H62
 RAM 1500 4X2 REG SLT 8' BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.21		6600	1870.0	4728.81	2664.01	2064.8	3700.0	3900.0	9850	9850	4770.0
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.55		6600	1870.0	4728.81	2664.01	2064.8	3700.0	3900.0	12345	12400	7260.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.55		6600	1500.0	5095.73	2902.87	2192.86	3700.0	3900.0	13750	13750	8240.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6600	1500.0	5095.73	2902.87	2192.86	3700.0	3900.0	13750	13750	8240.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6600	1500.0	5095.73	2902.87	2192.86	3700.0	3900.0	14750	14750	9240.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.21		6600	1660.0	4938.38	2871.11	2067.27	3700.0	3900.0	13800	13800	8450.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.92		6600	1660.0	4938.38	2871.11	2067.27	3700.0	3900.0	15975	15975	10620.0

Trailer Towing Chart

2018DS1H91

RAM 1500 4X2 CREW SLT 6'4" BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.21		6900	1630.0	5269.06	3039.71	2229.35	3700.0	3900.0	13800	13800	8010.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.92		6900	1630.0	5269.06	3039.71	2229.35	3700.0	3900.0	15975	15975	10190.0

Trailer Towing Chart

2018DS1H98

RAM 1500 4X2 CREW SLT 5'7" BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.21		6800	1820.0	4979.14	2741.88	2237.26	3700.0	3900.0	9850	9850	4510.0
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.55		6800	1820.0	4979.14	2741.88	2237.26	3700.0	3900.0	12845	12900	7500.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.55		6950	1540.0	5406.06	3118.39	2287.67	3700.0	3900.0	13750	13750	7860.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6950	1540.0	5406.06	3118.39	2287.67	3700.0	3900.0	13750	13750	7860.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6950	1540.0	5406.06	3118.39	2287.67	3700.0	3900.0	14750	14750	8860.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.21		6900	1680.0	5217.41	2973.35	2244.06	3700.0	3900.0	13800	13800	8070.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.92		6900	1680.0	5217.41	2973.35	2244.06	3700.0	3900.0	15975	15975	10250.0

Trailer Towing Chart

2018DS1S61

RAM 1500 4X2 REG SPORT 6'4" BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.92		6200	1350.0	4853.2	2762.79	2090.41	3700.0	3900.0	10250	10250	5020.0

Trailer Towing Chart

2018DS6H41

RAM 1500 4X4 QUAD SLT 6'4" BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.21		6800	1700.0	5098.59	2900.14	2198.45	3900.0	3900.0	9850	9850	4430.0
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.55		6800	1700.0	5098.59	2900.14	2198.45	3900.0	3900.0	12845	12900	7430.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.55		6950	1400.0	5551.7	3293.18	2258.52	3900.0	3900.0	13750	13750	7690.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6950	1400.0	5551.7	3293.18	2258.52	3900.0	3900.0	13750	13750	7690.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6950	1400.0	5551.7	3293.18	2258.52	3900.0	3900.0	14750	14750	8690.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.21		6900	1580.0	5322.69	3125.43	2197.26	3900.0	3900.0	13800	13800	8040.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6900	1580.0	5322.69	3125.43	2197.26	3900.0	3900.0	15975	15975	10210.0

Trailer Towing Chart

2018DS6H61

RAM 1500 4X4 REG SLT 6'4" BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.21		6300	1550.0	4752.0	2660.08	2091.92	3900.0	3900.0	9850	9850	4740.0
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.55		6300	1550.0	4752.0	2660.08	2091.92	3900.0	3900.0	12145	12200	7030.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.21		6350	1370.0	4975.12	2862.32	2112.8	3900.0	3900.0	13800	13800	8380.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.92		6350	1370.0	4975.12	2862.32	2112.8	3900.0	3900.0	14350	14350	8930.0

Trailer Towing Chart

2018DS6H62
RAM 1500 4X4 REG SLT 8' BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.21		6600	1690.0	4914.5	2821.96	2092.54	3900.0	3900.0	9850	9850	4570.0
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.55		6600	1690.0	4914.5	2821.96	2092.54	3900.0	3900.0	12345	12400	7070.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.55		6600	1290.0	5308.54	3199.04	2109.5	3900.0	3900.0	13750	13750	8030.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6600	1290.0	5308.54	3199.04	2109.5	3900.0	3900.0	13750	13750	8030.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6600	1290.0	5308.54	3199.04	2109.5	3900.0	3900.0	14750	14750	9030.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.21		6600	1480.0	5121.08	3045.27	2075.81	3900.0	3900.0	13800	13800	8250.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.92		6600	1480.0	5121.08	3045.27	2075.81	3900.0	3900.0	15975	15975	10430.0

Trailer Towing Chart

2018DS6H91

RAM 1500 4X4 CREW SLT 6'4" BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.55		6950	1270.0	5684.8	3369.03	2315.77	3900.0	3900.0	13750	13750	7610.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6950	1270.0	5684.8	3369.03	2315.77	3900.0	3900.0	13750	13750	7610.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6950	1270.0	5684.8	3369.03	2315.77	3900.0	3900.0	14550	14550	8410.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.21		6900	1440.0	5457.8	3217.2	2240.6	3900.0	3900.0	13800	13800	7760.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.92		6900	1440.0	5457.8	3217.2	2240.6	3900.0	3900.0	15846	15850	9810.0

Trailer Towing Chart

2018DS6H98

RAM 1500 4X4 CREW SLT 5'7" BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.21		6800	1630.0	5167.26	2909.35	2257.91	3900.0	3900.0	9850	9850	4250.0
3.6L V6 VVT ENGINE	8-SPD AUTO 845RE TRANS (MAKE)	SRW	3.55		6800	1630.0	5167.26	2909.35	2257.91	3900.0	3900.0	12845	12900	7250.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.55		6950	1330.0	5617.44	3302.39	2315.05	3900.0	3900.0	13750	13750	7560.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6950	1330.0	5617.44	3302.39	2315.05	3900.0	3900.0	13750	13750	7560.0
3.0L V6 TURBO DIESEL ENGINE	8-SPD AUTO 8HP70 TRANS (BUY)	SRW	3.92		6950	1330.0	5617.44	3302.39	2315.05	3900.0	3900.0	14750	14750	8560.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.21		6900	1520.0	5378.5	3135.75	2242.75	3900.0	3900.0	13800	13800	7990.0
5.7L V8 HEMI MDS VVT ENGINE	8-SPD AUTO 8HP70 TRANS (BUY-US)	SRW	3.92		6900	1520.0	5378.5	3135.75	2242.75	3900.0	3900.0	15975	15975	10170.0

Trailer Towing Chart

2018DS6T98

RAM 1500 4X4 CREW SSV 5'7" BOX

Engine	Trans.	SRW/DRW	Axle Ratio	Pickup Box SC	GVWR	Payload	Base Weight			GAWR		GCW	GCWR	Max. Trailer Weight Rating
							Total	Front	Rear	Front	Rear			
5.7L V8 HEMI MDS VVT ENGINE	6-SPD AUTOMATIC 65RFE TRANSMISSION	SRW	3.55		6900	1470.0	5429.23	3130.67	2298.56	3900.0	3900.0	14400	14400	8510.0
5.7L V8 HEMI MDS VVT ENGINE	6-SPD AUTOMATIC 65RFE TRANSMISSION	SRW	3.92		6900	1470.0	5429.23	3130.67	2298.56	3900.0	3900.0	15950	15950	10060.0

WEIGHT TERM DEFINITIONS

1. 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.

2. 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.

3. PAYLOAD

THE COMBINED MAXIMUM ALLOWABLE WEIGHT OF OPTIONS, CARGO AND PASSENGERS THAT THE TRUCK IS DESIGNED TO CARRY.

4. GROSS VEHICLE WEIGHT RATING (GVWR)

THE MAXIMUM ALLOWABLE WEIGHT OF THE FULLY LOADED VEHICLE.

5. GROSS AXLE WEIGHT RATING (GAWR)

THE MAXIMUM WEIGHT TO BE CARRIED BY A SINGLE AXLE (FRONT OR REAR).

6. 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.

7. TRAILER WEIGHT RATING (TWR)

THE MAXIMUM ALLOWABLE WEIGHT OF A TRAILER PLUS CARGO THAT A VEHICLE CONFIGURATION CAN HANDLE.

8. 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 GOOSNECK OR FIFTH WHEEL TRAILER.

9. 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.

Trailer Towing Chart

J2807:

- 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 Trailering Weight are calculated as specified in SAE J2807.**
 - Passenger Weight = 300 lb.
 - Options Weight is option content above 33 percent of sales volume.
 - Trailer equipment weight = Class IV receiver hitch is 11.1 lb (if not already included in options weight).
 - Trailer Hitch is 10 lb if TWR is less or equal to 5,000 lb and 65 lb if TWR 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.**
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