

2018 Ram 3500 Specifications



RAM 3500					
ENGINES	5.7L HEMI® GAS V8	6.4L HEMI V8	6.7L CUMMINS® TURBO DIESEL I-6	6.7L CUMMINS TURBO DIESEL I-6	6.7L CUMMINS TURBO DIESEL HIGH-OUTPUT I-6
Availability	Ram 3500	Ram 3500	Ram 3500 with G56 manual	Ram 3500 with AISIN heavy-duty 6-speed	Ram 3500 with AISIN-6-speed automatic
Horsepower	383 @ 5,600 rpm	410 @ 5,600 rpm*	350 @ 2,800 rpm	370 @ 2,800 rpm	385 @ 2,800 rpm
Torque — lb-ft	400 @ 4,000 rpm	429 @ 4,000 rpm	660 @ 1,400 rpm	800 @ 1,700 rpm	930 @ 1,700 rpm
Displacement — cu cm (cu in.)	5,654 (345)	6,417 (392)	6,690 (408)	6,690 (408)	6,690 (408)
Construction	Cast-iron block/aluminum head	Cast-iron block/aluminum head	Cast-iron block and head	Cast-iron block and head	Cast-iron block and head
Valve system	OHV, 16 valves, pushrod design	OHV, 16 valves, pushrod design	OHV, 24 valves, solid lifters	OHV, 24 valves, solid lifters	OHV, 24 valves, solid lifters
Oil change interval ²⁸ (under normal operation)	†	†	24,000 km or 6 months	24,000 km or 6 months	24,000 km or 6 months

*370 hp at 4,600 rpm on Ram 3500 Mega Cab

† The oil change indicator system will remind you when it's time to take your vehicle in for maintenance.

TRANSMISSIONS	66RFE	G56	68RFE	AISIN®
Type	6-speed automatic	6-speed manual	6-speed automatic	6-speed automatic
Availability	5.7L HEMI and 6.4L HEMI	6.7L Cummins Turbo diesel	6.7L Cummins Turbo diesel	6.7L Cummins Turbo Diesel
Gear ratio:				
1 st	3.23	5.94	3.23	3.75
2 nd	1.84	3.28	1.84	2.00
3 rd	1.41	1.98	1.41	1.34
4 th	1.00	1.31	1.00	1.00
5 th	0.82	1.00	0.82	0.77
6 th	0.63	0.74	0.63	0.63
Reverse	4.44	5.42	4.44	3.54
Axle Ratios	3.73, 4.10	3.42, 3.73 (DRW only)	3.42, 3.73 (DRW only), 4.10 (DRW only)	3.42, 3.73 (DRW only), 4.10 (DRW only)

BRAKES	FRONT	REAR
Type	Disc	
Rotors — mm (in.)	360 x 39 (14.17 x 1.54)	358 x 34 (14.09 x 1.34)
Caliper	Twin-piston pin-slider	
System	Antilock (ABS)	
Booster	Vacuum-assisted (with 5.7L HEMI V8 and 6.4L HEMI V8) / Hydroboost (with 6.7L Cummins Diesel)	

TRANSFER CASES: BORGWARNER	Manual Shift-on-the-Fly	Electronic Shift-on-the-Fly
Availability	Standard on ST 4x4 models	Standard on SLT, Laramie, Laramie Longhorn and Laramie Limited 4x4 models
Type	Part-time System (BW 44-47)	Part-time System (BW 44-46)
Operating Modes	2WD; 4WD High; Neutral; 4WD Low	
Low-range Ratio	2.64	
Center Differential	None	

SUSPENSION SYSTEMS	3500	
	4x2	4x4
Model	3500	
Front	Three-link with track bar, coil springs, stabilizer bar, solid axle	Three-link with track bar, coil springs, stabilizer bar, solid axle
Rear	Hotchkiss® leaf spring, solid axle	Hotchkiss leaf spring, solid axle

*For the most up-to-date specifications, visit rambodybuilder.com

Ram 3500 Trailer Towing and Payload Capability Highlights



TOWING, [†] kg (lb) - SAE J2807 COMPLIANT <small>Maximum loaded trailer weights (when properly equipped)</small>			REGULAR CAB		CREW CAB				MEGA CAB	
Engine	Axle Ratio	GCWR	8' BOX		6'4" BOX		8' BOX		6'4" BOX	
			4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
5.7L HEMI® V8 / 66RFE 6-speed	3.73	8346 (18,400) SRW	5402 (11,910)	5244 (11,560)	5225 (11,520)	5080 (11,200)	5176 (11,410)	4999 (11,020)	5085 (11,210)	4935 (10,880)
	4.10	9253 (20,400) SRW	6310 (13,910)	6151 (13,560)	6133 (13,520)	5988 (13,200)	6083 (13,410)	5906 (13,020)	5992 (13,210)	5842 (12,880)
6.4L HEMI V8 / 66RFE 6-speed	3.73	9027 (19,900) SRW	6065 (13,370)	5874 (12,950)	5860 (12,920)	5724 (12,620)	5801 (12,790)	5643 (12,440)	5738 (12,650)	5543 (12,220)
	4.10	10,387 (22,900) SRW	7425 (16,370)	7235 (15,950)	7221 (15,920)	7085 (15,620)	7162 (15,790)	7004 (15,440)	7099 (15,650)	6904 (15,220)
6.7L Cummins® High-Output Turbo Diesel I-6 / AISIN® 6-speed	4.10	10,614 (23,400) DRW	7475 (16,480)	7321 (16,140)			7235 (15,950)	7076 (15,600)	7121 (15,700)	7017 (15,470)
	3.42	11,476 (25,300) SRW	8060 (17,770)	7888 (17,390)	7861 (17,330)	7670 (16,910)	7802 (17,200)	7643 (16,850)	7707 (16,990)	7530 (16,600)
	3.42	13,290 (29,300) DRW	9712 (21,410)	9539 (21,030)			9462 (20,860)	9308 (20,520)	9344 (20,600)	9208 (20,300)
	3.73	15,331 (33,800) DRW	11,753 (25,910)	11,580 (25,530)			11,503 (25,360)	11,349 (25,020)	11,385 (25,100)	11,249 (24,800)
4.10	17,736 (39,100) DRW	14,157 (31,210)	13,984 (30,830)			13,907 (30,660)	13,753 (30,320)	13,789 (30,400)	13,653 (30,100)	
PAYLOAD,[†] kg (lb)		GVWR	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
5.7L HEMI V8 / 66RFE 6-speed		4581 (10,100) SRW	1851 (4080)							
		4672 (10,300) SRW		1783 (3930)						
		4763 (10,500) SRW			1855 (4090)					
		4854 (10,700) SRW				1801 (3970)				
		4990 (11,000) SRW					2032 (4480)		1941 (4280)	
		5126 (11,300) SRW						1991 (4390)		1928 (4250)
6.4L HEMI V8 / 66RFE 6-speed		4627 (10,200) SRW	1878 (4140)							
		4717 (10,400) SRW		1778 (3920)						
		4763 (10,500) SRW			1810 (3990)					
		4899 (10,800) SRW				1810 (3990)				
		5035 (11,100) SRW					2023 (4460)			
		5080 (11,200) SRW							2005 (4420)	
		5171 (11,400) SRW						2000 (4410)		1901 (4190)
		6033 (13,300) DRW	3107 (6850)	2953 (6510)			2867 (6320)	2708 (5970)	2753 (6070)	2649 (5840)
		6214 (13,700) DRW	3289 (7250)	3134 (6910)						
		6260 (13,800) DRW	3334 (7350)							
		6305 (13,900) DRW							3026 (6670)	
6.7L Cummins High-Output Turbo Diesel I-6 / AISIN 6-speed		6350 (14,000) DRW					3184 (7020)	3026 (6670)		2967 (6540)
		5035 (11,100) SRW	1833 (4040)							
		5216 (11,500) SRW		1842 (4060)	1814 (4000)					
		5262 (11,600) SRW							1706 (3760)	
		5307 (11,700) SRW				1715 (3780)				
		5443 (12,000) SRW					1982 (4370)			
		5579 (12,300) SRW						1960 (4320)		1846 (4070)
		6350 (14,000) DRW	2985 (6580)	2812 (6200)			2735 (6030)	2581 (5690)	2617 (5770)	2481 (5470)

*For the most up-to-date specifications, visit rambodybuilder.com

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Interior Dimensions Highlights			
Interior Dimensions	REGULAR CAB	CREW CAB	MEGA CAB
Headroom (front/rear)	1,014 (39.9) / —	1,041 (41.0) / 1,014 (39.9)	1,041 (41.0) / 1,024 (40.3)
Legroom (front/rear)	1,041 (41.0) / —	1,041 (41.0) / 1,023 (40.3)	1,041 (41.0) / 1,100 (43.3)
Shoulder Room (front/rear)	1,676 (66.0) / —	1,676 (66.0) / 1,669 (65.7)	1,676 (66.0) / 1,669 (65.7)
Hip Room (front/rear)	1,599 (62.9) / —	1,605 (63.2) / 1,605 (63.2)	1,605 (63.2) / 1,605 (63.2)
Total Interior Volume, L (cu ft)	1,770 (62.5) / —	3,548 (125.3)	3,695 (130.5)

Note: All dimensions shown in mm (in) unless otherwise specified.

Ram 2500 PICKUP BOX DIMENSIONS*			
Box Length - m (ft in)	Short Box	Long Box	RamBox®
	1.9 (6' 4")	2.4 (8')	1.9 (6' 4")
Availability	(Crew and Mega)	(Regular and Crew)	(Crew and Mega)
Maximum Length at Floor	1,939 (76.3)	2,497 (98.3)	1,939 (76.3)
Front of Box to End of Open Tailgate	2,546 (100.2)	3,054 (120.2)	2,546 (100.2)
Depth of Box	511 (20.1)	513 (20.2)	511 (20.1)
Width Between Wheelhousings	1,295 (51.0)	1,295 (51.0)	1,221 (48.1)
Maximum Cargo Width at Floor	1,687 (66.4)	1,687 (66.4)	1,270 (50.0)
Tailgate Opening	1,535 (60.4)	1,535 (60.4)	1,221 (48.1)
Side Storage Volume (Right) - L (cu ft)	—	—	125 (4.4)
Side Storage Volume (Left) - L (cu ft)	—	—	119 (4.2)
Side Storage Volume (Total) - L (cu ft)	—	—	244 (8.6)

*Dimensions shown in mm (in) unless otherwise specified.