

RAM 3500/4500/5500 CHASSIS CAB



SPECIFICATIONS

RAM 3500/4500/5500 CHASSIS CAB				
ENGINES	5.7L HEMI® Gas V8	6.4L HEMI V8	6.7L Cummins® Turbo Diesel I-6	6.7L Cummins High-Output Turbo Diesel I-6
Horsepower	383 @ 5,600 rpm	410 @ 4,600 rpm*	320 @ 2,900 rpm	325 @ 2,900 rpm
Torque — lb-ft	400 @ 4,000 rpm	429 @ 4,000 rpm	650 @ 1,600 rpm	750 @ 1,600 rpm
Displacement — cu cm (cu in)	5,654 (343)	6,417 (392)	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
Valve system	OHV, 16 valves, pushrod design	OHV, 16 valves, pushrod design	OHV, 24 valves, solid lifters	OHV, 24 valves, solid lifters
Oil change interval (under normal operation)	12,000 km or 6 months	12,000 km or 6 months	24,000 km or 6 months	24,000 km or 6 months
DRIVELINE				
Transmission	MODEL			
Type	66RFE	G-56	AISIN® AS66RC	
PTO capability	6-speed automatic	6-speed manual with overdrive		6-speed automatic
Gear ratio:	Left and right side		Left (available) and right side	
1 st	3.23	5.94	3.75	
2 nd	1.84	3.28	2.00	
3 rd	1.41	1.98	1.34	
4 th	1.00	1.31	1.00	
5 th	0.82	0.77	0.77	
6 th	0.63	0.74	0.63	
Reverse	4.44	5.42	3.54	
Available axle ratio	3500 = 4.10	3500 = 3.42, 3.73, 4.10	3500 = 4.44	4500 = 4.10, 4.88
	—	4500 = 4.10, 4.88	4500 = 4.44, 4.88	—
	—	5500 = 4.10, 4.44	5500 = 4.44	5500 = 4.88
BRAKES				
Type	Front		Rear	
Rotors — mm (in)	Disc		Disc	
Caliper	360 x 39.1 (14.17 x 1.54)		358 x 34 (14.09 x 1.34)	
System	Twin-piston pin slider		Twin-piston pin slider	
Booster	Antilock (ABS)		Antilock (ABS)	
	Vacuum-assisted (with 5.7L HEMI V8 and 6.4L HEMI V8) / Hydroboost (with 6.7L Cummins Diesel)			
ELECTRICAL SYSTEM				
Alternator — Standard	3500		4500/5500	
	160-amp (with 5.7L HEMI V8)		180-amp (with 6.7L Cummins Diesel and 6.4L HEMI)	
	180-amp (with 6.7L Cummins Diesel and 6.4L HEMI)		220-amp (with 6.4L HEMI and Snowplow Prep Group)	
	180-amp (with 5.7L HEMI V8 and Snowplow Prep Group)		220-amp (with 6.4L HEMI and Ambulance Prep Group)	
	220-amp (with 6.4L HEMI and Snowplow Prep Group)		220-amp (with 6.7L Cummins Diesel and Snowplow Prep Group)	
	220-amp (with 6.7L Cummins Diesel and Snowplow Prep Group)		220-amp (with 6.7L Cummins Diesel and Ambulance Prep Group)	
— Optional	180-amp (with 5.7L HEMI V8)		Dual 220-amp (with 6.7L Cummins Diesel)	
	220-amp (with 6.7L Cummins Diesel and 6.4L HEMI)		Dual 220-amp (with 6.4L HEMI)	
	Dual 220-amp (with 6.7L Cummins Diesel and 6.4L HEMI)			
Battery — Standard	750-amp, maintenance-free		750-amp, maintenance-free	
Trailer Tow Wiring Harness — Standard	7-pin		7-pin	
Electronic Interface Module — Optional	Over 50 inputs / outputs		Over 50 inputs / outputs	
STEERING				
Type	4x2		4x4	
	Power-assisted rack and pinion		Power-assisted recirculating ball	
INTERIOR DIMENSIONS mm (in) unless otherwise specified				
	REGULAR CAB		CREW CAB	
Headroom (front/rear)	1,013.5 (39.9)		1,040.5 (41.0) / 1,013.5 (39.9)	
Legroom (front/rear)	1,041.4 (41)		1,041.4 (41) / 1,023.3 (40.3)	
Shoulder room (front/rear)	1,676.4 (66)		1,676.4 (66) / 1,668.8 (65.7)	
Hip room (front/rear)	1,598.7 (62.9)		1,605.3 (63.2) / 1,605.3 (63.2)	
Standard seating capacity	3		6	

*410 hp only under 10,000-lb GVWR. 367 hp over 10,000-lb GVWR.

3500 CHASSIS CAB (DRW)			
Exterior Dimensions mm (in.) unless otherwise specified	REGULAR CAB 60" CA	REGULAR CAB 84" CA	CREW CAB 60" CA
Wheelbase	3,645 (143.5)	4,255 (167.5)	4,379 (172.4)
Overall length	5,951 (234.3)	6,561 (258.3)	6,685 (263.2)
Back of cab to taillamp	2,847 (112.1)	3,457 (136.1)	2,847 (112.1)
Front of bumper to back of cab	3,127 (123.1)	3,127 (123.1)	3,861 (152.0)
Overall height (curb load) — 4x4	2,035 (80.1)	2,032 (80.0)	2,030 (79.9)
Top of frame to top of cab	1,219 (48.0)	1,219 (48.0)	1,232 (48.5)
Overall body width (with standard mirrors)	2,464 (97)	2,464 (97)	2,464 (97)
Outside of rear tires	2,337 (92.0)	2,337 (92.0)	2,337 (92.0)
Turning diameter — m (ft)	1,143 (45.0)	1,316 (51.8)	1,351 (53.2)

3500 Chassis Cab							
MAXIMUM WEIGHTS, PAYLOAD, TOWING* (when properly equipped)	REGULAR CAB 60" CA		REGULAR CAB 84" CA		CREW CAB 60" CA		
	4x2	4x4	4x2	4x4	4x2	4x4	
5.7L HEMI V8/66RFE 6-speed (SRW)	GCWR	9,072 (20,000)	9,072 (20,000)	2,495 (5,500) / 3,084 (6,800)		9,072 (20,000)	9,072 (20,000)
	Towing	6,387 (14,080)	6,269 (13,820)			6,192 (13,650)	6,060 (13,360)
	GVWR	4,763 (10,500)	4,763 (10,500)			4,763 (10,500)	4,763 (10,500)
	Payload	2,146 (4,730)	2,028 (4,470)			1,950 (4,300)	1,819 (4,010)
	FAWR / RAWR						
6.4L HEMI V8/66RFE 6-speed (DRW)	GCWR	10,909 (24,000)	10,909 (24,000)	10,909 (24,000)	10,909 (24,000)	10,909 (24,000)	10,909 (24,000)
	Towing	7,970 (17,570)	7,865 (17,340)	7,933 (17,490)	7,806 (17,210)	7,752 (17,090)	7,630 (16,820)
	GVWR	6,350 (14,000)	6,350 (14,000)	6,350 (14,000)	6,350 (14,000)	6,350 (14,000)	6,350 (14,000)
	Payload	3,502 (7,720)	3,397 (7,490)	3,466 (7,640)	3,338 (7,360)	3,284 (7,240)	3,162 (6,970)
	FAWR / RAWR	2,495 (5,500) / 4,468 (9,850)					
6.7L Cummins High Output Turbo Diesel I-6/AISIN 6-speed (DRW)	GCWR	13,608 (30,000)	13,608 (30,000)	13,608 (30,000)	13,608 (30,000)	13,608 (30,000)	13,608 (30,000)
	Towing	10,328 (22,770)	10,220 (22,530)	10,288 (22,680)	10,161 (22,400)	10,111 (22,290)	9,984 (22,010)
	GVWR	6,350 (14,000)	6,350 (14,000)	6,350 (14,000)	6,350 (14,000)	6,350 (14,000)	6,350 (14,000)
	Payload	3,211 (7,080)	3,103 (6,840)	3,171 (6,990)	3,044 (6,710)	2,994 (6,600)	2,867 (6,320)
	FAWR / RAWR	2,722 (6,000) / 4,468 (9,850)					

4500 Chassis Cab													
MAXIMUM WEIGHTS, PAYLOAD, TOWING* (when properly equipped)	REGULAR CAB 60" CA		REGULAR CAB 84" CA		REGULAR CAB 108" CA		REGULAR CAB 120" CA		CREW CAB 60" CA		CREW CAB 84" CA		
	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	
6.4L HEMI V8/66RFE 6-speed (DRW)	GCWR	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	
	Towing	8,623 (19,010)	8,446 (18,620)	8,550 (18,850)	8,378 (18,470)	8,482 (18,700)	8,324 (18,350)	8,419 (18,560)	8,296 (18,290)	8,360 (18,430)	8,296 (18,290)	8,160 (17,990)	
	GVWR	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	
	Payload	4,382 (9,660)	4,205 (9,270)	4,309 (9,500)	4,137 (9,120)	4,241 (9,350)	4,082 (9,000)	4,178 (9,210)	4,055 (8,940)	4,119 (9,080)	3,960 (8,730)	4,055 (8,940)	3,919 (8,640)
	FAWR / RAWR	2,948 (6,500) / 5,443 (12,000)											
6.7L Cummins High Output Turbo Diesel I-6/AISIN 6-speed (DRW)	GCWR	14,742 (32,500)	14,742 (32,500)	14,742 (32,500)	14,742 (32,500)	14,742 (32,500)	14,742 (32,500)	14,742 (32,500)	14,742 (32,500)	14,742 (32,500)	14,742 (32,500)	14,742 (32,500)	
	Towing	11,181 (24,650)	11,100 (24,250)	11,077 (24,420)	10,905 (24,040)	11,036 (24,330)	10,850 (23,920)	11,100 (24,250)	10,860 (23,860)	10,886 (24,000)	10,728 (23,650)	10,823 (23,860)	10,687 (23,550)
	GVWR	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	7,484 (16,500)	
	Payload	3,992 (8,800)	3,810 (8,400)	3,887 (8,570)	3,488 (7,690)	3,847 (8,480)	3,661 (8,070)	3,810 (8,400)	3,633 (8,010)	3,697 (8,150)	3,538 (7,800)	3,633 (8,010)	3,497 (7,710)
	FAWR / RAWR	3,289 (7,250) / 5,443 (12,000)											

5500 Chassis Cab													
MAXIMUM WEIGHTS, PAYLOAD, TOWING* (when properly equipped)	REGULAR CAB 60" CA		REGULAR CAB 84" CA		REGULAR CAB 108" CA		REGULAR CAB 120" CA		CREW CAB 60" CA		CREW CAB 84" CA		
	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	
6.4L HEMI V8/66RFE 6-speed (DRW)	GCWR	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	11,794 (26,000)	
	Towing	8,600 (18,960)	8,432 (18,590)	8,541 (18,830)	8,369 (18,450)	8,464 (18,660)	8,305 (18,310)	8,441 (18,610)	8,269 (18,230)	8,369 (18,450)	8,197 (18,070)	8,369 (18,450)	8,197 (18,070)
	GVWR	8,618 (19,000)	8,618 (19,000)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	
	Payload	5,493 (12,110)	5,325 (11,740)	5,661 (12,480)	5,489 (12,100)	5,584 (12,310)	5,425 (11,960)	5,561 (12,260)	5,389 (11,800)	5,262 (11,600)	5,089 (11,220)	5,262 (11,600)	5,239 (11,550)
	FAWR / RAWR	2,948 (6,500) / 6,124 (13,500)											
6.7L Cummins High Output Turbo Diesel I-6/AISIN 6-speed (DRW)	GCWR	17,010 (37,500)	17,010 (37,500)	17,010 (37,500)	17,010 (37,500)	17,010 (37,500)	17,010 (37,500)	17,010 (37,500)	17,010 (37,500)	17,010 (37,500)	17,010 (37,500)	17,010 (37,500)	
	Towing	13,427 (29,600)	13,236 (29,180)	13,372 (29,480)	13,177 (29,050)	13,331 (29,390)	13,114 (28,910)	13,290 (29,300)	13,077 (28,830)	13,163 (29,020)	13,005 (28,670)	13,077 (28,830)	13,046 (28,760)
	GVWR	8,618 (19,000)	8,618 (19,000)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	8,845 (19,500)	
	Payload	5,103 (11,250)	4,912 (10,830)	5,275 (11,630)	5,080 (11,200)	5,235 (11,540)	5,017 (11,060)	5,194 (11,450)	4,981 (10,980)	4,840 (10,670)	4,681 (10,320)	4,981 (10,980)	4,949 (10,910)
	FAWR / RAWR	3,289 (7,250) / 6,124 (13,500)											

4500/5500 Chassis Cab (DRW)						
Exterior Dimensions mm (in.) unless otherwise specified	REGULAR CAB 60" CA	REGULAR CAB 84" CA	REGULAR CAB 108" CA	REGULAR CAB 120" CA	CREW CAB 60" CA	CREW CAB 84" CA
Wheelbase	3,070 (144.5)	4,280 (168.5)	4,890 (192.5)	5,194 (204.5)	4,404 (173.4)	5,014 (197.4)
Overall length	5,951 (234.3)	6,561 (258.3)	7,170 (282.3)	7,475 (294.3)	6,685 (263.2)	7,295 (287.2)
Back of cab to taillamp	2,822 (111.1)	3,432 (135.1)	4,041 (159.1)	4,346 (171.1)	2,822 (111.1)	3,432 (135.1)
Front of bumper to back of cab	3,127 (123.1)	3,127 (123.1)	3,127 (123.1)	3,127 (123.1)	3,861 (152.0)	3,861 (152.0)
Overall height (curb load) — 4x4	2,035 (80.1)	2,032 (80.0)	2,030 (79.9)	2,027 (79.8)	2,047 (80.6)	2,044 (80.5)
Top of frame to top of cab	1,217 (47.9)	1,217 (47.9)	1,217 (47.9)	1,217 (47.9)	1,227 (48.3)	1,227 (48.3)
Overall body width (with standard mirrors)	2,461 (97)	2,464 (97)	2,464 (97)	2,464 (97)	2,464 (97)	2,464 (97)
Outside of rear tires	2,362 (93)	2,362 (93)	2,362 (93)	2,329 (91.7)	2,362 (93)	2,362 (93)
Turning diameter — m (ft)	12.7 (41.7)	14.6 (48.0)	16.4 (54.1)	17.4 (57.2)	14.9 (49.2)	16.9 (55.7)

*All dimensions shown in kg (lb). Payload and Max Trailer Weights are ESTIMATED values. All values are shown in pounds unless otherwise stated. Payload and Max Trailer Weight values are rounded to the nearest 10 lbs. Payload = GVWR - Base Weight. GAWRs, GVWRs, and GCWRs should never be exceeded. Recommended tongue weight determined by class hitch receiver and hardware limits of uplift. Uplift or Aftermarket weight not included in Base Weight. See your Ram retailer for details. For full towing and capability details, visit rambodybuilder.com. DRW - Dual Rear Wheels. SRW - Single Rear Wheels. GCWR - Gross Combined Weight Rating. GVWR - Gross vehicle Weight Rating. FAWR - Front Axle Weight Ratio. RAWR - Rear Axle Weight Ratio.