

Ram 3500/4500/5500 Chassis Cab



RAM 3500/4500/5500 CHASSIS CAB			
ENGINES	6.4L HEM V8	6.7L Cummins® Turbo Diesel I-6	6.7L Cummins High-Output Turbo Diesel I-6
Horsepower	410 @ 5,600 rpm*	320 @ 2,600 rpm	325 @ 2,400 rpm
Torque — lb-ft	429 @ 4,000 rpm	640 @ 1,400 rpm	750 @ 1,500 rpm
Displacement — cu cm (cu in)	6,417 (392)	6,600 (403)	6,600 (403)
Construction	Cast-iron block/aluminum head	Cast-iron block and head	Cast-iron block and head
Valve system	OHV, 16 valves, overhead design	OHV, 24 valves, 108° flares	OHV, 24 valves, 108° flares
Oil change interval (under normal operation)	3	24,000 km or 6 months	24,000 km or 6 months
DRIVELINE			
	MODEL		
Transmission	6RFE	656	AISIN® AS69RC (HEM) and AS69RC (Cummins)
Type	6-speed automatic	6-speed manual with overdrive	6-speed automatic
PTO availability		140-amp split shaft	Left and right side
Gear ratio:		5.94	3.75
1 st	3.23	3.28	2.60
2 nd	1.84	1.98	1.34
3 rd	1.41	1.51	1.06
4 th	1.00	1.00	0.77
5 th	0.82	0.74	0.63
6 th	0.63	0.54	0.44
Reverse	4.44	3.54	3.54
Available axle ratio	3500 + 4.10	3500 + 3.42, 3.73, 4.10	3500 + 4.44 (6.4L HEM) 3.42, 3.73, 4.10 (with 6.7L Cummins) 4500 + 4.44, 4.88 (with 6.4L HEM) 4.10, 4.44 (with 6.7L Cummins) 5500 + 4.44, 4.88 (with 6.4L HEM) 4.10, 4.44, 4.88 (with 6.7L Cummins)
BRAKES			
	Front		Rear
Type	Disc		Disc
Rotors — mm (in)	550/388 x 33 (14.2 x 1.3) 450/350/300 x 30 (13.3 x 1.1)		503/358 x 34 (14.1 x 1.3) 450/350/300 x 30 (13.3 x 1.1)
Caliper	Twin-piston pin slider		Twin-piston pin slider
System	Anti-lock (ABS)		Anti-lock (ABS)
Boost	Hydroboost		
ELECTRICAL SYSTEM			
	3500		4500/5500
Alternator — Standard	180-amp (with 6.7L Cummins Diesel and 6.4L HEM) 220-amp (with Antilock Prep Group)		180-amp (with 6.7L Cummins Diesel and 6.4L HEM) 220-amp (with Antilock Prep Group)
— Optional	220-amp (with Antilock Prep Group)		220-amp (with Antilock Prep Group)
	220-amp (with 6.7L Cummins Diesel and 6.4L HEM)		220-amp (with 6.7L Cummins Diesel and 6.4L HEM)
	Dual 220-amp (with 6.7L Cummins Diesel)		Dual 220-amp (with 6.7L Cummins Diesel)
	Dual 380-amp and 220-amp (with 6.4L HEM)		Dual 380-amp and 220-amp (with 6.4L HEM)
Battery — Standard	730-amp, maintenance-free		730-amp, maintenance-free
Trailer Tow Wiring Harness — Standard	7-pin		
Electronic Interface Module — Optional	Over 50 inputs / outputs		
INTERIOR DIMENSIONS mm (in) unless otherwise specified			
	REGULAR CAB 60" CA	REGULAR CAB 84" CA	CREW CAB 80" CA
Midcouch (front/rear)	1,014 (39.5)	1,041 (41.0) / 1,014 (39.5)	1,041 (41.0)
Legroom (front/rear)	1,041 (41.0)	1,041 (41.0) / 1,023 (40.3)	1,041 (41.0)
Shoulder room (front/rear)	1,676 (66.0)	1,676 (66.0) / 1,669 (65.7)	1,676 (66.0)
Hip room (front/rear)	1,099 (43.2)	1,099 (43.2) / 1,095 (43.2)	1,099 (43.2)
Standard seating capacity	3		

*410 hp only under 10,000-lb GVWR. 370 hp at 4,000 rpm over 10,000-lb GVWR. Oil change indicator system will remind you when its time to take your vehicle in for maintenance.

3500 CHASSIS CAB (DRW)			
Exterior Dimensions mm (in.) unless otherwise specified	REGULAR CAB 60" CA	REGULAR CAB 84" CA	CREW CAB 80" CA
Wheelbase	3,645 (143.5)	4,205 (165.5)	4,379 (172.4)
Overall length	5,951 (234.3)	6,561 (258.3)	6,685 (263.2)
Back of cab to tailamp	2,847 (112.1)	3,456 (136.1)	2,847 (112.1)
Front of bumper to back of cab	3,127 (123.1)	3,127 (123.1)	3,981 (156.7)
Overall height (curb load) — 4x4	2,090 (82.1)	2,090 (82.1)	2,090 (82.1)
Top of frame to top of cab	1,219 (48.0)	1,219 (48.0)	1,219 (48.0)
Overall body width (with standard mirrors)	2,464 (97.0)	2,464 (97.0)	2,464 (97.0)
Outside of rear tires	2,338 (92.0)	2,338 (92.0)	2,338 (92.0)
Turning diameter — m (ft)	16.9 (55.5)	16.9 (55.5)	16.2 (53.2)

Specifications

MAXIMUM WEIGHTS, PAYLOAD, TOWING* (when properly equipped)	3500 Chassis Cab (DRW)											
	REGULAR CAB 60" CA				REGULAR CAB 84" CA				CREW CAB 80" CA			
	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4		
6.4L HEM V8 / 6RFE 6-speed (DRW)	GCWR	10,909 (24,000)										
	Towing	7,870 (17,470)	7,865 (17,340)	7,933 (17,490)	7,806 (17,210)	7,752 (17,060)	7,830 (17,250)	7,752 (17,060)	7,830 (17,250)	7,830 (17,250)	7,830 (17,250)	
	GVWR	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	
	Payload	3,500 (7,720)	3,397 (7,490)	3,466 (7,640)	3,338 (7,360)	3,284 (7,240)	3,353 (7,390)	3,284 (7,240)	3,353 (7,390)	3,353 (7,390)	3,353 (7,390)	
	FAWR / RAWR	2,495 (5,500) / 4,488 (9,900)										
6.7L Cummins High Output Turbo Diesel I-6 (DRW)	GCWR	10,782 (23,770)										
	Towing	10,782 (23,770)	10,673 (23,530)	10,714 (23,680)	10,714 (23,680)	10,714 (23,680)	10,714 (23,680)	10,714 (23,680)	10,714 (23,680)	10,714 (23,680)	10,714 (23,680)	
	GVWR	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	
	Payload	3,211 (7,080)	3,103 (6,840)	3,171 (6,990)	3,044 (6,710)	3,044 (6,710)	3,044 (6,710)	3,044 (6,710)	3,044 (6,710)	3,044 (6,710)	3,044 (6,710)	
	FAWR / RAWR	2,722 (6,000) / 4,488 (9,900)										

MAXIMUM WEIGHTS, PAYLOAD, TOWING* (when properly equipped)	4500 Chassis Cab (DRW)												
	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 HEM V8 / 6RFE 6-speed (DRW)	GCWR	11,794 (26,000)											
	Towing	8,627 (19,010)	8,446 (18,620)	8,560 (18,850)	8,378 (18,470)	8,482 (18,700)	8,324 (18,350)	8,419 (18,560)	8,296 (18,290)	8,300 (18,430)	8,201 (18,080)	8,296 (18,290)	8,160 (17,990)
	GVWR	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)
	Payload	4,763 (8,660)	4,205 (9,270)	4,205 (9,270)	4,137 (9,120)	4,241 (9,380)	4,062 (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	3,175 (7,000) / 5,443 (12,000)											
6.7L Cummins High Output Turbo Diesel I-6 (DRW)	GCWR	15,195 (33,000)											
	Towing	11,635 (25,850)	11,453 (25,250)	11,530 (25,420)	11,358 (25,040)	11,489 (25,330)	11,304 (24,930)	11,453 (25,250)	11,276 (24,850)	11,340 (25,000)	11,181 (24,650)	11,276 (24,850)	11,140 (24,580)
	GVWR	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)
	Payload	3,992 (8,800)	3,810 (8,400)	3,887 (8,670)	3,488 (8,190)	3,847 (8,480)	3,661 (8,070)	3,810 (8,400)	3,633 (8,010)	3,697 (8,150)	3,638 (7,990)	3,633 (8,010)	3,487 (7,710)
	FAWR / RAWR	3,289 (7,250) / 5,443 (12,000)											

MAXIMUM WEIGHTS, PAYLOAD, TOWING* (when properly equipped)	5500 Chassis Cab (DRW)												
	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 HEM V8 / 6RFE 6-speed (DRW)	GCWR	11,794 (26,000)											
	Towing	8,620 (18,960)	8,432 (18,590)	8,541 (18,830)	8,359 (18,450)	8,464 (18,690)	8,305 (18,330)	8,441 (18,610)	8,269 (18,290)	8,269 (18,450)	8,197 (18,070)	8,269 (18,290)	8,119 (17,990)
	GVWR	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)
	Payload	5,493 (12,110)	5,325 (11,740)	5,361 (11,840)	5,489 (12,090)	5,584 (12,310)	5,425 (11,960)	5,561 (12,260)	5,282 (11,600)	5,369 (11,820)	5,402 (11,910)	5,239 (11,550)	5,099 (11,220)
	FAWR / RAWR	3,175 (7,000) / 6,124 (13,500)											
6.7L Cummins High Output Turbo Diesel I-6 (DRW)	GCWR	17,463 (38,000)											
	Towing	13,980 (30,850)	13,690 (30,180)	13,620 (30,480)	13,630 (30,050)	13,769 (30,360)	13,567 (29,910)	13,744 (30,200)	13,631 (29,830)	13,617 (29,920)	13,458 (29,670)	13,631 (29,830)	13,459 (29,760)
	GVWR	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)
	Payload	5,103 (11,250)	4,912 (10,830)	4,975 (11,030)	5,080 (11,200)	5,235 (11,540)	5,017 (11,060)	5,194 (11,450)	4,981 (10,980)	4,840 (10,670)	4,881 (10,760)	4,840 (10,670)	4,593 (10,150)
	FAWR / RAWR	3,289 (7,250) / 6,124 (13,500)											

Exterior Dimensions mm (in.) unless otherwise specified	4500/5500 Chassis Cab (DRW)					
	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	3,670 (144.5)	4,230 (166.5)	4,890 (192.5)	5,194 (204.5)	4,404 (173.4)
Overall length	5,951 (234.3)	6,561 (258.3)	7,170 (282.3)	7,475 (294.3)	6,585 (263.2)	7,295 (287.2)
Back of cab to tailamp	3,127 (123.1)	3,432 (135.1)	4,041 (159.1)	4,346 (171.1)	2,822 (112.1)	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	2,090 (82.1)	2,090 (82.1)	2,090 (82.1)	2,090 (82.1)	2,090 (82.1)	2,090 (82.1)
Top of frame to top of cab	1,219 (47.9)	1,219 (47.9)	1,219 (47.9)	1,219 (47.9)	1,219 (47.9)	1,219 (47.9)
Overall body width (with standard mirrors)	2,464 (97.0)	2,464 (97.0)	2,464 (97.0)	2,464 (97.0)	2,464 (97.0)	2,464 (97.0)
Outside of rear tires	2,362 (93.0)	2,362 (93.0)	2,362 (93.0)	2,362 (93.0)	2,362 (93.0)	2,362 (93.0)
Turning diameter — m (ft)	12.7 (41.7)	12.7 (41.7)	14.6 (48.0)	16.4 (54.1)	17.4 (57.2)	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 noted. Payload and Max. Trailer Weight values are rounded to the nearest 10 lbs. Payload = GVWR - Base Weight. GVWRs, GVWRs, and GVWRs should never be exceeded. Recommended tongue weight determined by class hitch receiver and hardware limits. If hitch or aftermarket weight not included in Base Weight. See your Ram dealer for details. For full towing and capacity 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.

MAXIMUM WEIGHTS, PAYLOAD, TOWING* (when properly equipped)	3500 SRW 4,491 kg (9,900 lb) GVWR Chassis Cab			
	REGULAR CAB 60" CA		CREW CAB 80" CA	
	4x2	4x4	4x2	4x4
6.4L HEM V8 / AISIN 6-speed (DRW)	GCWR	10,909 (24,000)		
	Towing	8,128 (17,920)	8,361 (18,430)	7,959 (17,480)
	GVWR	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)
	Payload	1,850 (4,100)	1,751 (3,860)	1,850 (4,100)
	FAWR / RAWR	2,495 (5,500) / 4,488 (9,900)		
6.7L Cummins High Output Turbo Diesel I-6 (DRW)	GCWR	10,909 (24,000)		
	Towing	7,838 (17,260)	7,725 (17,030)	7,838 (17,260)
	GVWR	6,300 (14,000)	6,300 (14,000)	6,300 (14,000)
	Payload	1,610 (3,530)	1,474 (3,250)	1,610 (3,530)
	FAWR / RAWR	2,722 (6,000) / 4,488 (9,900)		