

# Ram 3500/4500/5500 Chassis Cab Specifications



RAM 3500/4500/5500 CHASSIS CAB				
ENGINES		6.4L HEMI V8	6.7L Cummins® Turbo Diesel I-6	6.7L Cummins High-Output Turbo Diesel I-6
Horsepower		410 @ 5,600 rpm*	320 @ 2,800 rpm	325 @ 2,400 rpm
Torque — lb-ft		429 @ 4,000 rpm	650 @ 1,400 rpm	750 @ 1,500 rpm
Displacement — cu cm (cu in)		6,417 (392)	6,690 (408)	6,690 (408)
Construction		Cast-iron block/aluminum head	Cast-iron block and head	Cast-iron block and head
Valve system		OHV, 16 valves, pushrod design	OHV, 24 valves, solid lifters	OHV, 24 valves, solid lifters
Oil change interval (under normal operation)		†	24,000 km or 6 months	24,000 km or 6 months

\*410 hp only under 10,000-lb GVWR. 370 hp at 4,600 rpm over 10,000-lb GVWR. † Oil change indicator system will remind you when it's time to take your vehicle in for maintenance.

DRIVELINE		MODEL		
Transmission		66RFE	G56	AISIN® AS66RC
Type		6-speed automatic	6-speed manual with overdrive	6-speed automatic
PTO capability		—	Left and right side	Left (available) and right side
Gear ratio:	1 <sup>st</sup>	3.23	5.94	3.75
	2 <sup>nd</sup>	1.84	3.28	2.00
	3 <sup>rd</sup>	1.41	1.98	1.34
	4 <sup>th</sup>	1.00	1.31	1.00
	5 <sup>th</sup>	0.82	1.00	0.77
	6 <sup>th</sup>	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 (with 6.4L HEMI) 3.42, 3.73, 4.10 (with 6.7L Cummins)
		—	4500 = 4.10, 4.44	4500 = 4.44, 4.88 (with 6.4L HEMI) 4.10, 4.44 (with 6.7L Cummins)
		—	5500 = 4.10, 4.44	5500 = 4.88 (with 6.4L HEMI) 4.10, 4.44, 4.88 (with 6.7L Cummins)
BRAKES		Front		Rear
Type		Disc		Disc
Rotors — mm (in)		390 x 39 (15.3 x 1.5)		390 x 39 (15.3 x 1.5)
Caliper		Twin-piston pin slider		Twin-piston pin slider
System		Antilock (ABS)		Antilock (ABS)
Booster		Vacuum-assisted (with 5.7L HEMI V8 and 6.4L HEMI V8) / Hydroboost (with 6.7L Cummins Diesel)		

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ELECTRICAL SYSTEM	3500	4500/5500
<b>Alternator — Standard</b>	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 6.7L Cummins Diesel and Ambulance Prep Group)	220-amp (with 6.4L HEMI and Snowplow Prep Group)
	220-amp (with 6.4L HEMI and Ambulance 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 and Snowplow Prep Group)	220-amp (with 6.7L Cummins Diesel and Ambulance Prep Group)
<b>— Optional</b>	Dual 220-amp (with 6.7L Cummins Diesel and 6.4L HEMI)	Dual 220-amp (with 6.7L Cummins Diesel and 6.4L HEMI)
	220-amp (with 6.7L Cummins Diesel and 6.4L HEMI)	—
	—	—
<b>Battery — Standard</b>	730-amp, maintenance-free	730-amp, maintenance-free
<b>Trailer Tow Wiring Harness — Standard</b>	7-pin	7-pin
<b>Electronic Interface Module — Optional</b>	Over 50 inputs / outputs	Over 50 inputs / outputs

STEERING	4x2	4x4
<b>Type</b>	Power-assisted rack and pinion	Power-assisted recirculating ball

INTERIOR DIMENSIONS mm (in) unless otherwise specified	REGULAR CAB	CREW CAB
<b>Headroom (front/rear)</b>	1,014 (39.9)	1,041 (41.0) / 1,014 (39.9)
<b>Legroom (front/rear)</b>	1,041 (41)	1,041 (41.0) / 1,023 (40.3)
<b>Shoulder room (front/rear)</b>	1,676 (66.0)	1,676 (66.0) / 1,669 (65.7)
<b>Hip room (front/rear)</b>	1,599 (62.9)	1,605 (63.2) / 1,605.3 (63.2)
<b>Standard seating capacity</b>	3	6

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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)	7,170 (282.3)
Back of cab to taillamp	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)	3,861 (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	2,338 (92.0)	2,338 (92.0)	2,338 (92.0)
Turning diameter — m (ft)	16.9 (55.5)	15.8 (51.8)	16.2 (53.2)

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	3,670 (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)	15.0 (49.2)	16.9 (55.7)

# Ram 3500/4500/5500 Chassis Cab Specifications

## 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
6.4L HEMI V8/ AISIN 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 (17,490)	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	3,139 (6,920)	3,030 (6,680)	3,098 (6,830)	2,971 (6,550)	2,921 (6,440)	2,794 (6,160)
	FAWR / RAWR	2,722 (5,500) / 4,468 (9,850)					

## 3500 SRW 4,491 kg (9,900 lb) GVWR Chassis Cab

MAXIMUM WEIGHTS, PAYLOAD, TOWING* (when properly equipped)		REGULAR CAB 60" CA		CREW CAB 60" CA	
		4x2	4x4	4x2	4x4
6.4L HEMI V8/ AISIN 6-speed (DRW)	GCWR	10,886 (24,000)	10,886 (24,000)	10,886 (24,000)	10,886 (24,000)
	Towing	8,128 (17,920)	8,020 (17,680)	7,929 (17,480)	7,784 (17,160)
	GVWR	4,491 (9,900)	4,491 (9,900)	4,491 (9,900)	4,491 (9,900)
	Payload	1,860 (4,100)	1,751 (3,860)	1,660 (3,660)	1,515 (3,340)
	FAWR / RAWR	2,495 (5,500) / 3,084 (6,800)			
6.7L Cummins High Output Turbo Diesel I-6/ AISIN 6-speed (DRW)	GCWR	10,886 (24,000)	10,886 (24,000)	10,886 (24,000)	10,886 (24,000)
	Towing	7,838 (17,280)	7,802 (17,200)	7,638 (16,840)	7,493 (16,520)
	GVWR	4,491 (9,900)	4,491 (9,900)	4,491 (9,900)	4,491 (9,900)
	Payload	1,510 (3,330)	1,474 (3,250)	1,311 (2,890)	1,166 (2,570)
	FAWR / RAWR	2,722 (6,000) / 3,084 (6,800)			

## 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/ AISIN 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)	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)	8,201 (18,080)	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)	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)	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 (23,560)
	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)	7,484 (16,500)
	Payload	3,992 (8,800)	3,810 (8,400)	3,887 (8,570)	3,715 (8,190)	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)											

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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
<b>6.4L HEMI V8/ AISIN 6-speed (DRW)</b>	<b>GCWR</b>	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)	11,794 (26,000)
	<b>Towing</b>	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)	8,283 (18,260)	8,119 (17,900)
	<b>GVWR</b>	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)	8,618 (19,000)	8,618 (19,000)	8,845 (19,500)	8,845 (19,500)
	<b>Payload</b>	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 (11,880)	5,262 (11,600)	5,089 (11,220)	5,402 (11,910)	5,239 (11,550)
	<b>FAWR / RAWR</b>	2,948 (6500) / 6,124 (13,500)						3,175 (7,000) / 6,124 (13,500)					
<b>6.7L Cummins High Output Turbo Diesel I-6/ AISIN 6-speed (DRW)</b>	<b>GCWR</b>	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)	17,010 (37,500)
	<b>Towing</b>	13,426 (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)
	<b>GVWR</b>	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)	8,618 (19,000)	8,618 (19,000)	8,845 (19,500)	8,845 (19,500)
	<b>Payload</b>	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)
	<b>FAWR / RAWR</b>	3,289 (7,250) / 6,124 (13,500)						3,289 (7,250) / 6,124 (13,500)					

†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 upfit.

Upfit or Aftermarket weight not included in Base Weight. See your Ram retailer for details.

For full towing and capability details, visit [rambodybuilder.com](http://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.