

2017 Ram 1500 Specifications



2017 RAM 1500			
ENGINES	3.6L PENTASTAR™ V6	3.0L ECODIESEL V6	5.7L HEMI® V8
Horsepower	305 @ 6,400 rpm	240 @ 3,600 rpm	395 @ 5,600 rpm
Torque — lb-ft	269 @ 4,175 rpm	420 @ 2,000 rpm	410 @ 3,950 rpm
Displacement — cu cm (cu in.)	3,604 (220)	2,988 (182)	5,654 (345)
Construction	Aluminum block/aluminum head	Cast-iron block/aluminum head	Cast-iron block/aluminum head
Valve system	DOHC, 24 valves, chain driven	DOHC, 24 valves, chain driven	Variable-cam timing, 16 valves, pushrod-operated
Oil change interval ²⁸ (under normal operation)	16,000 km or 12 months*	16,000 km or 12 months*	16,000 km or 12 months*

*Under no circumstances should oil change intervals exceed 16,000 km, 12 months, or when prompted by the vehicle's oil change indicator light, whichever comes first.

TRANSMISSIONS	Torqueflite 845RE	ZF Torqueflite 8HP70	65RFE
Type	8-speed automatic	8-speed automatic	6-speed automatic
Availability	3.6L Pentastar V6	3.0L EcoDiesel V6 and 5.7L Hemi V8	5.7L Hemi V8
Gear ratio: 1 st	4.71	4.71	3.00
2 nd	3.14	3.14	1.67
3 rd	2.10	2.10	1.50
4 th	1.67	1.67	1.00
5 th	1.29	1.29	0.75
6 th	1.00	1.00	0.67
7 th	0.84	0.84	—
8 th	0.67	0.67	—
Reverse	3.30	3.30	3.00

BRAKES	FRONT	REAR
Type	Disc	Disc
Rotors — mm (in.)	336 x 28 (13.2 x 1.1)	352 x 22 (13.8 x 0.87)
Caliper	Twin-piston pin-slider	Single-piston pin-slider
System	Antilock (ABS)	Antilock (ABS)
Power Assist	Dual-rate, tandem diaphragm vacuum	

TRANSFER CASES: BORGWARNER	Electronic Shift-on-the-Fly	Electronic Shift-on-Demand
Availability	Standard on ST, SXT, SLT, Outdoorsman and Rebel 4x4 models	Standard on Big Horn, Sport, Laramie, Laramie Longhorn and Laramie Limited 4x4 models
Type	Part-time System (BW 44-45)	On-Demand System (BW 44-44)
Operating Modes	2WD High; 4WD High; Locked; Neutral; 4WD Low; Locked	2WD High; 4WD Auto; 4WD High; Locked; Neutral; 4WD Low; Locked
Low-range Ratio	2.64	
Centre Differential	None	

SUSPENSION SYSTEMS	1500
Front	Upper and lower "A" arms, coil springs, twin-tube shock absorbers, stabilizer bar. Optional air suspension replaces twin-tube shock absorbers and coil springs
Rear	Five-link with track bar, coil springs, stabilizer bar, twin-tube shock absorbers, solid axle. Optional air suspension replaces twin-tube shock absorbers and coil springs

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

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TOWING* (Conventional ball & hitch) (SAE J2807 Compliant) kg (lb) - Maximum ratings when properly equipped.				Regular Cab				Quad Cab®		Crew Cab			
				1.9m (6'4") Box		2.4m (8') Box		1.9m (6'4") Box		1.7m (5'7") Box		1.9m (6'4") Box	
Engine	Auto Trans	Axle Ratio	GCWR	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
3.6L Pentastar® VVT V6	8-speed	3.21	4,468 (9,850)	2,254 (4,970)	2,155 (4,750)	2,164 (4,770)	2,078 (4,580)	2,091 (4,610)	2,009 (4,430)	2,046 (4,510)	1,910 (4,210)		
		3.55	5,534 (12,200)	3,293 (7,260)	3,198 (7,050)								
		3.55	5,625 (12,400)			3,298 (7,270)	3,211 (7,080)						
		3.55	5,851 (12,900)					3,447 (7,600)	3,366 (7,420)	3,407 (7,510)	3,270 (7,210)		
		3.92	5,851 (12,900)								3,270 (7,210)		
3.0L EcoDiesel V6	8-speed	3.55	6,237 (13,750)			3,738 (8,240)	3,642 (8,030)	3,611 (7,960)	3,470 (7,650)	3,565 (7,860)	3,438 (7,580)		3,420 (7,540)
		3.92	6,237 (13,750)			3,738 (8,240)	3,642 (8,030)	3,611 (7,960)	3,470 (7,650)	3,565 (7,860)	3,438 (7,580)		3,420 (7,540)
		3.92	6,691 (14,750)			4,178 (9,210)	4,096 (9,030)	4,064 (8,960)	3,924 (8,650)	4,019 (8,860)	3,892 (8,580)		3,783 (8,340)
5.7L Hem® V8	6-speed	3.21	5,602 (12,350)	3,252 (7,170)		3,193 (7,040)		3,093 (6,820)		3,053 (6,730)		3,044 (6,710)	
		3.55	6,532 (14,400)	4182 (9220)	4,096 (9,030)	4,123 (9,090)	4,019 (8,860)	4,023 (8,870)	3,933 (8,670)	3,982 (8,780)	3,905 (8,610)	3,973 (8,760)	3,869 (8,530)
		3.92	6,498 (14,325)	4,150 (9,150)	4,064 (8,960)								
		3.92	7,235 (15,950)			4,826 (10,640)	4,722 (10,410)	4,726 (10,420)	4,636 (10,220)	4,686 (10,330)	4608 (10,160)	4,676 (10,310)	4,572 (10,080)
	8-speed	3.21	6,260 (13,800)	3,905 (8,610)	3,801 (8,380)	3,842 (8,470)	3,747 (8,260)	3,715 (8,190)	3,629 (8,000)	3,660 (8,070)	3,624 (7,990)	3,651 (8,050)	3,529 (7,780)
		3.92	6,509 (14,350)	4,155 (9,160)	4,051 (8,930)								
		3.92	7,190 (15,850)										
		3.92	7,235 (15,950)			4,817 (10,620)	4,722 (10,410)	4,690 (10,340)	4,604 (10,150)	4,636 (10,220)	4,599 (10,140)	4,627 (10,200)	4,459 (9,830)
PAYLOAD* (SAE J20807 Compliant) kg (lb) - Maximum ratings when properly equipped				Regular Cab				Quad Cab		Crew Cab			
				1.9m (6'4") Box		2.4m (8') Box		1.9m (6'4") Box		1.7m (5'7") Box		1.9m (6'4") Box	
Engine	Auto Trans	Axle Ratio	GVWR	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
3.6L Pentastar® VVT V6	8-speed	3.21 or 3.55 or 3.92	2,733 (6,025)	680 (1,500)									
			2,858 (6,300)		708 (1,560)								
			2,994 (6,600)			853 (1,880)	767 (1,690)						
			3,084 (6,800)					853 (1,880)	771 (1,700)	825 (1,820)	739 (1,630)		
3.0L EcoDiesel V6	8-speed	3.55 or 3.92	2,994 (6,600)			685 (1,510)	585 (1,290)						
			3,153 (6,950)					721 (1,590)	626 (1,380)	694 (1,530)	599 (1,320)		567 (1,250)
5.7L Hem® V8	6-speed	3.21 or 3.55 or 3.92	2,880 (6,350)	726 (1,600)	635 (1,400)								
			2,994 (6,600)			771 (1,700)	671 (1,480)						
			3,130 (6,900)					812 (1,790)	717 (1,580)	771 (1,700)	694 (1,530)	762 (1,680)	676 (1,490)
	8-speed	3.21 or 3.92	2,880 (6,350)	721 (1,590)	631 (1,390)								
			2,994 (6,600)			767 (1,690)	671 (1,480)						
			3,130 (6,900)					798 (1,760)	712 (1,570)	762 (1,680)	685 (1,510)	744 (1,640)	658 (1,450)

* Information subject to change. All weights are in kilograms (pounds). Please visit www.rambodybuilder.com for full specifications

Payload and Max Trailer Weights are ESTIMATED values. All weights are shown in pounds unless otherwise stated. Payload and Max Trailer Weight values are rounded to the nearest 10 lb.

Payload = GVWR – Base Weight. 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.

Payload and Trailer Weight Rating are mutually exclusive. GAWRs, GVWRs and GCWRs should never be exceeded.

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 1,100lb.

Weight Distributing Hitch is recommended for trailers over 5,000 lb.

Quad Cab and Crew Cab models with Off Road Tire (sales code TXN) and/or Steel Wheel (sales code WFP) have 6,800 lb GVWR. All models with 22 inch Tires (sales code TY4) have 6,200 lb GVWR.

† Big Horn equipped with the 3.0L V6 EcoDiesel Engine and a 3.92 axle ratio have 13,750 lb GCWR.

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

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INTERIOR DIMENSIONS	Regular Cab	Quad Cab	Crew Cab
Headroom Front/Rear	1,013 (39.9) / N/A	1,041 (41.0) / 1,008 (39.7)	1,041 (41.0) / 1,013 (39.9)
Legroom Front/Rear	1,041 (41.0) / N/A	1,041 (41.0) / 881 (34.7)	1,041 (41.0) / 1,023 (40.3)
Shoulder Room Front/Rear	1,676 (66.0) / N/A	1,676 (66.0) / 1,668 (65.7)	1,676 (66.0) / 1,668 (65.7)
Hip Room Front/Rear	1,598 (62.9) / N/A	1,605 (63.2) / 1,598 (62.9)	1,605 (63.2) / 1,605 (63.2)
Total Interior Volume Litres (cu ft)	1,770 (62.5)	3,302 (116.6)	3,548 (125.3)

EXTERIOR DIMENSIONS	Regular Cab		Quad Cab	Crew Cab	
Box Length	1.9m (6'4")	2.4m (8')	1.9m (6'4")	1.7m (5'7")	1.9m (6'4")
Wheelbase	3,061 (120.5)	3,569 (140.5)	3,569 (140.5)	3,569 (140.5)	3,797 (149.5)
Overall Length	5,309 (209.0)	5,867 (231.0)	5,817 (229.0)	5,817 (229.0)	6,043 (237.9)
Overall Height* (empty) 4x2/4x4	1,894 (74.6) / 1,910 (75.2)	1,889 (74.4) / 1,906 (75.0)	1,960 (77.2) / 1,975 (77.5)	1,954 (76.9) / 1,968 (77.5)	1,951 (76.8) / 1,965 (77.4)
Overall Body Width (without mirrors)	2,017 (79.4)	2,017 (79.4)	2,017 (79.4)	2,018 (79.4)	2,018 (79.4)
Track - Front 4x2/4x4	1,728 (68.0) / 1,732 (68.2)	1,728 (68.0) / 1,732 (68.2)	1,729 (68.0) / 1,732 (68.2)	1,727 (68.0) / 1,732 (68.2)	1,727 (68.0) / 1,732 (68.2)
Track - Rear 4x2/4x4	1,715 (67.5) / 1,715 (67.5)	1,715 (67.5) / 1,715 (67.5)	1,715 (67.5) / 1,715 (67.5)	1,715 (67.5) / 1,715 (67.5)	1,715 (67.5) / 1,715 (67.5)
Turning Diameter 4x2/4x4 — m (ft)	12 (39.5) / 12.1 (39.8)	13.7 (45.1) / 13.8 (45.4)	13.7 (45.1) / 13.8 (45.4)	12.0 (39.5) / 12.1 (39.8)	13.7 (45.1) / 13.8 (45.4)
Bed Length (at floor)	1,939 (76.3)	2,497 (98.3)	1,939 (76.3)	1,712 (67.4)	1,936 (76.3)
Bed Height	511 (20.1)	513 (20.2)	511 (20.1)	509 (20.0)	511 (20.1)
Bed Width at Wall	1,687 (66.4)	1,687 (66.4)	1,687 (66.4)	1,687 (66.4)	1,687 (66.4)
Bed Width at Wheelhousings	1,295 (51.0)	1,295 (51.0)	1,295 (51.0)	1,295 (51.0)	1,295 (51.0)

*Shown for base models with standard features. Overall height will vary by model, box length, tire size and available air suspension. Visit www.rambodybuilder.com for full specifications.

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