



2016 RAM PROMASTER SPECIFICATIONS

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*Specifications are based on the latest product information available at the time of publication.
All dimensions are in inches (millimeters) unless otherwise noted.
All dimensions measured at curb weight with standard tires and wheels.*

GENERAL INFORMATION

Body Styles and Wheelbase	ProMaster 1500 Cargo Van 118-in. wheelbase low roof
	ProMaster 1500 Cargo Van 136-in. wheelbase low roof
	ProMaster 1500 Cargo Van 136-in. wheelbase high roof
	ProMaster 2500 Cargo Van 136-in. wheelbase high roof
	ProMaster 2500 Cargo Van 159-in. wheelbase high roof
	ProMaster 3500 Cargo Van 159-in. wheelbase high roof
	ProMaster 3500 Cargo Van 159-in. wheelbase high roof extended body
	ProMaster 2500 Chassis Cab 136-in. wheelbase
	ProMaster 3500 Chassis Cab 159-in. wheelbase
	ProMaster 3500 Chassis Cab 159-in. wheelbase extended body
Assembly Plant	ProMaster 2500 Chassis Cab Cutaway 136-in. wheelbase
	ProMaster 3500 Chassis Cab Cutaway 159-in. wheelbase
	ProMaster 3500 Chassis Cab Cutaway 159-in. wheelbase extended frame
Saltillo Van Assembly, Saltillo, Mexico	

BODY AND CHASSIS

Layout	Transverse front engine
Construction	Unibody and ladder frame

ENGINE: 3.6-LITER PENTASTAR V-6

Type and Description	60-degree gasoline V-type
Displacement	220 cu. in. (3,604 cu. cm)
Bore x Stroke	3.78 x 3.27 (96.0 x 83.0)
Valve System	Chain-driven DOHC, 24 valves and hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Aluminum deep-skirt block, aluminum alloy heads
Compression Ratio	10.2:1
Power	280 hp (224 kW) at 6,400 rpm
Torque	260 lb.-ft. (364 N•m) at 4,175 rpm
Max. Engine Speed	6,400 rpm (electronically limited)



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Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	6.0 quarts (5.7 liters)
Coolant Capacity	14.0 quarts (13.25 liters)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors

ENGINE: 3.0-LITER ECODIESEL I-4

Type and Description	I-4 diesel variable geometry turbocharger
Displacement	183 cu. in. (2,998 cu. cm)
Bore x Stroke	3.78 x 4.09 (95.8 x 104)
Valve System	Gear driven DOHC
Fuel Injection	Electronically controlled Common Rail MultiJet direct injection
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps and aluminum alloy head
Compression Ratio	17.5:1
Power	174 hp (129 kW) @ 3,600 rpm
Torque	295 lb.-ft. (400 N•m) @ 1,400 rpm
Max. Engine Speed	4,200 rpm
Fuel Requirement	Diesel
Oil Capacity	9.5 quarts (9 liters)
Coolant Capacity	14.0 quarts (13.3 liters)
Emission Controls	Selective Catalytic Reduction (SCR)

TRANSMISSION: 62TE AUTOMATIC SIX-SPEED, FRONT-WHEEL DRIVE

Availability	Standard with 3.6-liter Pentastar V-6
Description	Three planetary gear sets, one overrunning clutch, full electronic control, electronically controlled converter clutch
Gear Ratios	
1st	3.90
2nd	2.69
3rd	2.16
4th	1.37
5th	0.95
6th	0.65
Reverse	3.04
Final Drive and Overall Top Gear Ratios	3.86



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TRANSMISSION: MT40 MANUAL AUTOMATIC SIX-SPEED, FRONT-WHEEL DRIVE

Availability	Standard with 3.0-liter I-4 turbo diesel
Description	Single disc clutch with hydraulic release
Gear Ratios	
1st	4.17
2nd	2.35
3rd	1.46
4th	0.96
5th	0.70
6th	0.55
Reverse	4.08
Final Drive and Overall Top Gear Ratios	4.56

AXLES

Front	IFS
Rear	Solid axle

ELECTRICAL SYSTEM

Alternator	Cargo van with gas engine: 180-amp standard; 220-amp optional; Cargo van with diesel, all Chassis cab and all cut-away: 220-amp standard
Battery	95 amp with 800 CCA; 100 amp with 950 CCA (diesel)

SUSPENSION

Front	MacPherson with stabilizer bar
Rear	Solid axle with leaf springs

STEERING

Type	Rack and pinion with hydraulic power steering
Turns lock to lock	Short wheelbase – 11.06; medium wheelbase – 12.46; medium-long wheelbase – 13.54; long wheelbase – 14.28
Steering ratio	18.85

BRAKES

Front Rotor (diameter x width)	11.8 x 1.26 (300 x 32)
Rear Rotor (diameter x width)	11.0 x 0.63 (280 x 16)



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Front Caliper, Lining Cast iron, dual piston (46mm and 52mm), Brembo

Cast iron, dual piston (50mm and 52mm), Brembo

Rear Caliper, Lining Cast iron, single piston (48mm), Brembo

Cast iron, single piston (52mm), Brembo

BODY DIMENSIONS / SPECIFICATIONS

Vehicle and Body Type	Wheel base	Height Category	GVWR (lbs.)	GCWR (lbs.) Gas/Diesel	Curb Wt. (lbs.) without opt Gas/Diesel	Payload (lbs.) Gas/Diesel	Front Axle GAWR (lbs.)	Rear Axle GAWR (lbs.)	Turning Diameter (feet)	Body Height	Body Overall Length	Body Width w/o mirrors	Vehicle Width w/ mirrors folded	Vehicle Width w/ mirrors extended	Cab to Rear Axle	Overhang Rear Axle to End of Frame
1500 Cargo Van SWB low roof	118	H1	8,550	11,500 / 12,500	4,551 / 4,792	3,990 / 3,750	4,630	5,004	36.3	91	195	82.7	90.5	98	—	—
1500 Cargo Van MWB low roof	136	H1	8,550	11,500 / 12,500	4,624 / 4,862	3,920 / 3,680	4,630	5,291	40.7	91	213.1	82.7	90.5	98	—	—
1500 Cargo Van MWB high roof	136	H2	8,550	11,500 / 12,500	4,731 / 4,954	3,810 / 3,590	4,630	5,291	40.7	101	213.1	82.7	90.5	98	—	—
2500 Cargo Van MWB high roof	136	H2	8,900	11,500 / 12,500	4,764 / 5,005	4,130 / 3,890	4,630	5,291	40.7	101	213.1	82.7	90.5	98	—	—
2500 Cargo Van LWB high roof	159	H2	8,900	11,500 / 12,500	4,889 / 5,147	4,010 / 3,750	4,630	5,291	46.8	101	236	82.7	90.5	98	—	—
3500 Cargo Van LWB high roof	159	H2	9,350	11,500 / 12,500	4,903 / 5,185	4,440 / 4,160	4,630	5,291	46.8	101	236	82.7	90.5	98	—	—
3500 Cargo Van LWB high roof extended	159	H2	9,350	11,500 / 12,500	5,017 / 5,257	4,330 / 4,090	4,630	5,291	46.8	101	250	82.7	90.5	98	—	—
2500 Glazed Van LWB high roof	159	H2	8,900	11,500 / 12,500	4,968 / 5,208	3,930 / 3,690	4,630	5,291	46.8	101	236	82.7	90.5	98	—	—
2500 Chassis Cab MWB	136	H1	8,900	11,500 / 12,500	4,217 / 4,457	4,680 / 4,440	4,630	5,291	40.7	91	211	82.7	92	109	81	34
3500 Chassis Cab LWB	159	H1	9,350	11,500 / 12,500	4,239 / 4,480	5,110 / 4,870	4,630	5,291	46.8	91	234	82.7	92	109	104	34
3500 Chassis Cab LWB extended	159	H1	9,350	11,500 / 12,500	4,272 / 4,511	5,070 / 4,830	4,630	5,291	46.8	91	248	82.7	92	109	104	48
2500 Cutaway MWB	136	H1	8,900	11,500 / 12,500	4,173 / 4,414	4,720 / 4,480	4,630	5,291	40.7	91	211	82.7	92	109	81	34
3500 Cutaway LWB	159	H1	9,350	11,500 / 12,500	4,183 / 4,435	5,160 / 4,910	4,630	5,291	46.8	91	234	82.7	92	109	104	34
3500 Cutaway LWB extended	159	H1	9,350	11,500 / 12,500	4,228 / 4,468	5,120 / 4,880	4,630	5,291	46.8	91	248	82.7	92	109	104	48



RAM

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Vehicle and Body Type	Wheelbase	Track Front	Track Rear	Approach Angle	Depart Angle	Ground Clearance	Seating	Width between wheel housings	Cargo Volume	Airbags
1500 Cargo Van SWB low roof	118	71.3	77.6	18.6°	20°	6.9	3	56	259	6
1500 Cargo Van MWB low roof	136	71.3	77.6	18.6°	20°	6.9	3	56	304	6
1500 Cargo Van MWB high roof	136	71.3	77.6	18.6°	20°	6.9	3	56	353	6
2500 Cargo Van MWB high roof	136	71.3	77.6	18.6°	20°	6.9	3	56	353	6
2500 Cargo Van LWB high roof	159	71.3	77.6	18.6°	20°	6.9	3	56	420	6
3500 Cargo Van LWB high roof	159	71.3	77.6	18.6°	20°	6.9	3	56	420	6
3500 Cargo Van LWB high roof extended	159	71.3	77.6	18.6°	20°	6.9	3	56	463	6
2500 Glazed Van LWB high roof	159	71.3	77.6	18.6°	20°	6.9	3	56	420	6
2500 Chassis Cab MWB	136	71.3	77.6	18.6°	20°	6.9	3	—	—	6
3500 Chassis Cab LWB	159	71.3	77.6	18.6°	20°	6.9	3	—	—	6
3500 Chassis Cab LWB extended	159	71.3	77.6	18.6°	20°	6.9	3	—	—	6
2500 Cutaway MWB	136	71.3	77.6	18.6°	20°	6.9	3	—	—	6
3500 Cutaway LWB	159	71.3	77.6	18.6°	20°	6.9	3	—	—	6
3500 Cutaway LWB extended	159	71.3	77.6	18.6°	20°	6.9	3	—	—	6

