



2020 RAM PROMASTER 1500, 2500 & 3500 Specifications

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 low roof
	ProMaster 2500 Cargo Van 136-in. wheelbase high roof
	ProMaster 2500 Cargo Van 159-in. wheelbase high roof
	ProMaster 2500 Window Van 159-in. wheelbase high roof
	ProMaster 3500 Cargo Van 136-in. wheelbase low roof
	ProMaster 3500 Cargo Van 136-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 3500 Window Van 159-in. wheelbase high roof extended body
	ProMaster 3500 Chassis Cab 136-in. wheelbase
	ProMaster 3500 Chassis Cab 159-in. wheelbase
	ProMaster 3500 Chassis Cab 159-in. wheelbase extended body
	ProMaster 3500 Chassis Cab Cutaway 136-in. wheelbase
	ProMaster 3500 Chassis Cab Cutaway 159-in. wheelbase
	ProMaster 3500 Chassis Cab Cutaway 159-in. wheelbase extended frame
Assembly Plant	Saltillo Van Assembly, Coahuila, Mexico

BODY AND CHASSIS

Layout	Transverse, front engine, front-wheel drive (FWD)
Construction	Unibody and ladder frame

ENGINE: 3.6-LITER PENTASTAR V-6

Type and Description	60-degree gasoline V-6
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 4,400 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane
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

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 and 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

AXLES

Front	Independent front suspension
Rear - Cargo Van	Solid axle
Rear - Chassis Cab and Cut Away	Solid axle

ELECTRICAL SYSTEM

Alternator	Cargo Van with gas engine: 180-amp standard; 220-amp optional Chassis Cab and all cut-away: 220-amp standard
Battery	95-amp with 800 CCA

SUSPENSION

Front	MacPherson struts with stabilizer bar
Rear	Solid axle with leaf springs

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)
Front Caliper, Lining	Cast iron, dual piston (46 mm and 52 mm), Brembo
	Cast iron, dual piston (50 mm and 52 mm), Brembo
Rear Caliper, Lining	Cast iron, single piston (48 mm), Brembo
	Cast iron, single piston (52 mm), Brembo

STEERING

Type	Rack and pinion with hydraulic power steering
Turns lock to lock	3.9
Steering Ratio	18.85

EXTERIOR DIMENSIONS

VEHICLE AND BODY TYPE	Wheelbase	Height Category	Turning Diameter (feet)	Body Height	Body Overall Length	Body Width w/o mirrors	Vehicle Width w/ mirrors extended	Cab to Rear Axle	Overhang Rear Axle to End of Frame
1500 Cargo Van SWB low roof	118	H1	36.3	91.7	195.8	81.3	97.6 / 112.2	—	—
1500 Cargo Van MWB low roof	136	H1	40.7	92.8	213.7	81.3	97.6 / 112.2	—	—
1500 Cargo Van MWB high roof	136	H2	40.7	105.9	213.7	81.3	97.6 / 112.2	—	—
2500 Cargo Van MWB low roof	136	H1	40.7	92.8	213.7	81.3	97.6 / 112.2	—	—
2500 Cargo Van MWB high roof	136	H2	40.7	105.9	213.7	81.3	97.6 / 112.2	—	—
2500 Cargo Van LWB high roof	159	H2	46.8	105.9	236.7	81.3	97.6 / 112.2	—	—
3500 Cargo Van MWB low roof	136	H1	40.7	92.8	213.7	81.3	97.6 / 112.2	—	—
2500 Cargo Van MWB high roof	136	H2	40.7	105.9	213.7	81.3	97.6 / 112.2	—	—
3500 Cargo Van LWB high roof	159	H2	46.8	105.9	236.7	81.3	97.6 / 112.2	—	—
3500 Cargo Van LWB high roof extended	159	H2	46.8	105.9	250.9	81.3	97.6 / 112.2	—	—
2500 Window Van LWB high roof	159	H2	46.8	105.9	236.7	81.3	97.6 / 112.2	—	—

VEHICLE AND BODY TYPE	Wheelbase	Height Category	Turning Diameter (feet)	Body Height	Body Overall Length	Body Width w/o mirrors	Vehicle Width w/ mirrors extended	Cab to Rear Axle	Overhang Rear Axle to End of Frame
3500 Window Van LWB high roof extended	159	H2	46.8	105.9	250.9	81.3	97.6 / 112.2	—	—
3500 Chassis Cab MWB	136	H1	40.7	88.2	211	86.9	97.6 / 112.2	81	34
3500 Chassis Cab LWB	159	H1	46.8	87.3	234	86.9	97.6 / 112.2	104	34
3500 Chassis Cab LWB extended	159	H1	46.8	87.3	248	86.9	97.6 / 112.2	104	48
3500 Cutaway MWB	136	H1	40.7	88.2	211	86.9	97.6 / 112.2	81	34
3500 Cutaway LWB	159	H1	46.8	87.3	234	86.9	97.6 / 112.2	104	34
3500 Cutaway LWB extended	159	H1	46.8	87.3	248	86.9	97.6 / 112.2	104	48

VEHICLE AND BODY TYPE	Wheelbase	Track Front	Track Rear	Approach Angle	Depart Angle	Ground Clearance	Seating ⁽¹⁾	Width between wheel housings	Cargo Volume	Airbags
1500 Cargo Van SWB low roof	118	71.3	70.5	19.3°	29.0°	6.9	3	56.0	259	6
1500 Cargo Van MWB low roof	136	71.3	70.5	18.3°	31.2°	6.9	3	56.0	304	6
1500 Cargo Van MWB high roof	136	71.3	70.5	18.3°	31.2°	6.9	3	56.0	353	6
2500 Cargo Van MWB low roof	136	71.3	70.5	18.3°	31.2°	6.9	3	56.0	304	6
2500 Cargo Van MWB high roof	136	71.3	70.5	18.3°	31.2°	6.9	3	56.0	353	6
2500 Cargo Van LWB high roof	159	71.3	70.5	19.9°	29.5°	6.9	3	56.0	420	6
3500 Cargo Van MWB low roof	136	71.3	70.5	18.3°	31.2°	6.9	3	56.0	304	6
3500 Cargo Van MWB high roof	136	71.3	70.5	18.3°	31.2°	6.9	3	56.0	353	6
3500 Cargo Van LWB high roof	159	71.3	70.5	19.9°	29.5°	6.9	3	56.0	420	6
3500 Cargo Van LWB high roof extended	159	71.3	70.5	19.9°	20.5°	6.9	3	56.0	463	6
2500 Window Van LWB high roof	159	71.3	70.5	19.9°	29.5°	6.9	2	56.0	420	6

VEHICLE AND BODY TYPE	Wheelbase	Track Front	Track Rear	Approach Angle	Depart Angle	Ground Clearance	Seating ⁽¹⁾	Width between wheel housings	Cargo Volume	Airbags
3500 Window Van LWB high roof extended	159	71.3	70.5	19.9°	20.5°	6.9	2	56.0	463	6
3500 Chassis Cab MWB	136	71.3	78.0	18.6°	—	6.9	3	—	—	6
3500 Chassis Cab LWB	159	71.3	78.0	18.6°	—	6.9	3	—	—	6
3500 Chassis Cab LWB extended	159	71.3	78.0	18.6°	—	6.9	3	—	—	6
3500 Cutaway MWB	136	71.3	78.0	18.6°	—	6.9	2	—	—	6
3500 Cutaway LWB	159	71.3	78.0	18.6°	—	6.9	2	—	—	6
3500 Cutaway LWB extended	159	71.3	78.0	18.6°	—	6.9	2	—	—	6

(1) Standard seating configuration is 2-passenger with optional 3-passenger configuration available.

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