



2020 RAM PROMASTER CITY 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

Vehicle Type	Class 1 van
Body Styles	ProMaster City Cargo Van ProMaster City Wagon
Assembly Plant	TOFAS FIAT joint venture, Bursa, Turkey. The van is upfitted into a cargo van at the FCA US Transformation Center in Baltimore, Maryland
EPA Vehicle Class	Small commercial van (Class 1)

BODY AND CHASSIS

Layout	Transverse, front engine, front-wheel drive (FWD)
Construction	Body-frame integral (BFI, or unibody) with electro-galvanized steel body. Integrated steel ladder H-frame with single-piece longitudinal frame rails

ENGINE: 2.4-LITER I-4 MULTIAIR2 TIGERSHARK GAS ENGINE

Type and Description	Inline four cylinder gasoline 16-valve MultiAir2 with multiport fuel injection
Displacement	144 cu.in. (2,360 cu. cm)
Bore & Stroke	3.46 x 3.82 (88.0 x 97.0)
Block Material	Aluminum
Cylinder Head Material	Aluminum
Valvetrain	DOHC, four valves per cylinder (16 total)
Ignition System	Coil-on-plug ignition, spark plugs with dual precious metals

Fuel Delivery	Sequential, multiport, electronic, returnless
Compression Ratio	10.0:1
Power	178 hp (133 kW) at 6,400 rpm
Torque	174 lb.-ft. (236 N•m) at 3,800 rpm
Fuel Requirement	Unleaded regular, 87 octane
Maximum Engine Speed	6,500 rpm (electronically limited)
Oil Capacity	5.5 quarts (5.2 liters)
Coolant Capacity	7.1 quarts (6.7 liters)
Emissions Controls	GPEC3 engine-management system with close-coupled catalyst and wide-range O2 sensor
EPA Fuel Economy mpg (city/hwy/comb)	21/28/24

TRANSMISSION: 948TE NINE-SPEED AUTOMATIC

Availability	Standard on all models
Type	Nine-speed FWD, electronically controlled automatic overdrive transmission with torque converter clutch. Clutch-to-clutch architecture with integral electro/hydraulic controls module
Fluid Capacity	6.5 quarts (6.15 liters)
Torque Converter	242
Gear Ratios:	
1st	4.71
2nd	2.84
3rd	1.91
4th	1.38
5th	1.00
6th	0.81
7th	0.70
8th	0.58

9th	0.48
Reverse	3.81
Final Drive Ratio	3.73

AXLES

Front	ZF transaxle
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ELECTICAL SYSTEM

Alternator	
Rating	160-amp

SUSPENSION

Front	
Type	MacPherson struts, independent
Stabilizer Bar, Solid	26
Spring Rate (N/mm)	25
Shock Type	Twin-tube
Wheel Travel (mm - jounce/rebound)	57/93
Rear	
Type	Independent bi-link with coil springs, telescopic shock absorbers and stabilizer bar
Stabilizer Bar, Solid	16
Spring Rate (N/mm)	28
Shock Type	Twin-tube
Wheel Travel (mm - jounce/rebound)	51/31

BRAKES

Front Type (diameter x width)	Ventilated disc, 12 x 1.1 (305 x 28)
Rear Type (diameter x width)	Drum, 10 x 2.2 (254 x 57)
Front Caliper, Lining	Cast iron, single piston (57)
Rear Brake, Lining	Leading trailing drum brake assembly with 25 mm wheel cylinder
Anti-lock Brake System (front and rear)	Standard
Electronic Stability Control (ESC)	Standard
Total Front Swept Area (mm)	5,100
Total Rear Swept Area (mm)	12,155

STEERING

Type	Specifically, calibrated hydraulic power-assisted rack-and-pinion
Ratio	15.9:1
Turns Lock-to-Lock	2.9
Turn Diameter - ft. (m) (curb-to-curb)	42 (12.8)

WHEELS AND TIRES

Wheels	16-in. steel or aluminum
Tires	215/55R16XL all-season

EXTERIOR DIMENSIONS

Exterior	
Wheelbase	122.4 (3,109)
Track, Front	60 (1,523)
Track, Rear	60.9 (1,548)
Overall Length	187.1 (4,752)

Overall Width (including mirrors)	84.6 (2,148)
Overall Height	74.2 (1,886)
Front Overhang	35.6 (903)
Rear Overhang	29.1 (740)
Approach Angle (degrees)	13.3
Departure Angle (degrees)	30.8
Windshield Slope Angle (degrees)	49.2
Ground Clearance	5.2 (131)
Fuel Tank Capacity	16 gallons (60.6 liters)

	Cargo Van	Passenger Wagon
Cargo Length	87.2 (2,215)	Behind rear seats = 54.7 (1,389) Rear seats folded = 69.2 (1,758)
Cargo Width	60.4 (1,534)	57.6 (1,463)
Cargo Height @ Roof	51.8 (1,315.7)	48.7 (1,237)
Max. Cargo Volume (cu. ft.)	131.7	101.7
Cargo Width @ Wheel Well	48.4 (1,229.4)	48.4 (1,229.4)
Load Floor Height	23.3 (592)	23.8 (605)
Side Door Openings (w x h)	25.8 x 43.6	21.2 x 42.7
Rear Door Openings (w x h)	48.6 x 47.4	48.6 x 46.4
Rear Door Swing (degrees, first detent/full open detent)	90/180	90/180
Rear Door Split (degrees)	60 (driver side)/ 40 (passenger side)	60 (driver side)/ 40 (passenger side)
Rear Step-in Height	23.3 (592)	23.8 (605)
Side Step-in Height	21.5 (546)	19.3 (490)

ACCOMMODATIONS

Model	Cargo Van	Passenger Wagon
Seating Capacity (front/rear)	2/0	2/3
Front (Passenger & Cargo Vans)		
Headroom	46.0 (1,169)	46.0 (1,169)
Legroom	40.8 (1,036)	40.8 (1,036)
Shoulder Room	59.3 (1,506)	59.3 (1,506)
Hip Room	52.8 (1,340)	52.8 (1,340)
Rear (Passenger Wagon Only)		
Headroom	–	44.0 (1,118)
Legroom	–	36.8 (935)
Shoulder Room	–	58.0 (1,472)
Hip Room	–	59.2 (1,503)

CAPABILITY

	Cargo Van	Passenger Wagon
Gross Vehicle Weight Rating (GVWR; lbs.)	5,395	5,395
Curb Weight (lbs.)	3498	3682
Payload (lbs.)	1,883	1,713
Tongue Load (lbs.)	200	200
Towing Capacity (lbs.)	2,000	1867
Gross Combined Vehicle Weight Rating (lbs.)	5,900	5,900

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