

## 2021 Ram Commercial 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<br>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 O <sub>2</sub> 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 |
|-------|--------------|

#### 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  |
| <b>Rear</b>                        |  |
| 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)                 |  |
|  | <b>Cargo Van</b>                         | <b>Passenger Wagon</b>   |
| Cargo Length   | 87.2 (2,215)                             | Behind rear seats = 54.7 (1,389)<br>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)/<br>40 (passenger side) | 60 (driver side)/<br>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             |
| <b>Front (Passenger &amp; Cargo Vans)</b> |              |                 |
| 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)    |
| <b>Rear (Passenger Wagon Only)</b>        |              |                 |
| 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.)                          | 3,498     | 3,682           |
| Payload (lbs.)                              | 1,890     | 1,713           |
| Tongue Load (lbs.)                          | 200       | 200             |
| Towing Capacity (lbs.)                      | 2,000     | 1,867           |
| Gross Combined Vehicle Weight Rating (lbs.) | 5,900     | 5,900           |

| E N D |