



## 2022 Ram Commercial ProMaster 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 |
| Assembly Plant                          | 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 |
| 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)  |

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## **ENGINE: 3.6-LITER PENTASTAR V-6 (CONTINUED)**

|                   |   |
|-------------------|---|
| 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 | 11.3:1  |
| Power             | 276 hp (224 kW) at 6,400 rpm  |
| Torque            | 250 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: 948TE TORQUEFLITE NINE-SPEED AUTOMATIC, FRONT-WHEEL DRIVE**

|                   |  |
|-------------------|--|
| Availability      | Standard with 3.6-liter Pentastar V-6  |
| Description       | Nine-speed FWD, electronically controlled automatic overdrive transmission with torque converter clutch. Clutch-to-clutch architecture, with integral electro/hydraulic control module |
| 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           | 3.83   |
| Spread            | 9.81   |
| Final Drive Ratio | 4.08   |

## **AXLES**

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

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## ELECTRICAL SYSTEM

|            |   |
|------------|---|
| Alternator | Cargo Van: 180-amp standard; 220-amp optional<br>Chassis Cab and cut-away: 220-amp standard |
| Battery    | 95-amp with 800 CCA – Standard<br>100-amp with 850 CCA – Optional                           |

## SUSPENSION

|       |   |
|-------|---|
| Front | MacPherson struts with stabilizer bar             |
| Rear  | Solid axle with leaf springs Hotchkiss suspension |

## BRAKES

|                                |  |
|--------------------------------|--|
| Front Rotor (diameter x width) | 11.8 x 1.26 (300 x 32)                   |
| Rear Rotor (diameter x width)  | 11.8 x 0.87 (300 x 22)                   |
| Front Caliper, Lining          | Cast iron, dual piston (50 mm and 52 mm) |
| Rear Caliper, Lining           | Cast iron, single piston (51 mm)         |

## STEERING

|                    |  |
|--------------------|--|
| Type               | Rack and pinion with electric power steering |
| Turns lock to lock | 3.9  |
| Steering Ratio     | 18.85  |
| Turning diameter   | 36.3 ft                                      |

## 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                      | —                | —                                  |

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| 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 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                      | —                | —                                  |
| 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                                 |

## EXTERIOR DIMENSIONS (CONTINUED)

| VEHICLE AND BODY TYPE                 | Wheelbase | Track Front | Track Rear | Approach Angle | Depart Angle | Ground Clearance | Seating <sup>(1)</sup> | 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       |
| 3500 Window VanLWB 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       |

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| VEHICLE AND BODY TYPE         | Wheelbase | Track Front | Track Rear | Approach Angle | Depart Angle | Ground Clearance | Seating <sup>(1)</sup> | Width between wheel housings | Cargo Volume | Airbags |
|-------------------------------|-----------|-------------|------------|----------------|--------------|------------------|------------------------|------------------------------|--------------|---------|
| 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       |

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

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