



# 2016 RAM PROMASTER™ CANADIAN SPECIFICATIONS

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Specifications are based on the latest product information available at the time of publication.

All dimensions are in millimetres (inches) unless otherwise noted.

All dimensions measured at curb weight with standard tires and wheels.

### GENERAL INFORMATION

|  |  |
|--|--|
| Body Styles and Wheelbase  | ProMaster 1500 Cargo Van 2,997 mm (118 in.) wheelbase low roof                 |
|  | ProMaster 1500 Cargo Van 3,454 mm (136 in.) wheelbase low roof                 |
|  | ProMaster 1500 Cargo Van 3,454 mm (136 in.) wheelbase high roof                |
|  | ProMaster 2500 Cargo Van 3,454 mm (136 in.) wheelbase high roof                |
|  | ProMaster 2500 Cargo Van 4,039 mm (159 in.) wheelbase high roof                |
|  | ProMaster 3500 Cargo Van 4,039 mm (159 in.) wheelbase high roof                |
|  | ProMaster 3500 Cargo Van 4,039 mm (159 in.) wheelbase high roof extended body  |
|  | ProMaster 2500 Window Van 4,039 mm (159 in.) wheelbase high roof               |
|  | ProMaster 3500 Window Van 4,039 mm (159 in.) wheelbase high roof extended body |
|  | ProMaster 2500 Chassis Cab 3,454 mm (136 in.) wheelbase                        |
|  | ProMaster 3500 Chassis Cab 4,039 mm (159 in.) wheelbase                        |
|  | ProMaster 3500 Chassis Cab 4,039 mm (159 in.) wheelbase extended body          |
| ProMaster 2500 Chassis Cab Cutaway 3,454 mm (136 in.) 136-in. wheelbase                |  |
| ProMaster 3500 Chassis Cab Cutaway 4,039 mm (159 in.) 159-in. wheelbase                |  |
| ProMaster 3500 Chassis Cab Cutaway 4,039 mm (159 in.) 159-in. wheelbase extended frame |  |
| Assembly Plant   | Saltillo (Mexico)  |

### BODY AND CHASSIS

|              |                          |
|--------------|--------------------------|
| Layout       | Transverse front engine  |
| Construction | Unibody and ladder frame |

### ENGINE: 3.6-LITRE PENTASTAR™ V6

|                      |   |
|----------------------|---|
| Type and Description | 60-degree gasoline V-type   |
| Displacement         | 3,604 cu cm (220 cu. in.)   |
| Bore x Stroke        | 96.0 x 83.0 (3.78 x 3.27)   |
| Valve System         | Chain-driven DOHC, 24 valves and hydraulic end-pivot roller rockers |
| Fuel Injection       | Sequential, multiport, electronic, returnless                       |



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|                   |  |
|-------------------|--|
| Construction      | Aluminum deep-skirt block, aluminum alloy heads            |
| Compression Ratio | 10.2:1   |
| Power             | 280 hp at 6,400 rpm  |
| Torque            | 260 lb.-ft. at 4,175 rpm                                   |
| Max. Engine Speed | 6,400 rpm (electronically limited)                         |
| Fuel Requirement  | Unleaded regular, 87 octane (R+M)/2                        |
| Oil Capacity      | 5.7 litres (6.0 qt.)                                       |
| Coolant Capacity  | 13.25 litres (14.0 qt.)                                    |
| Emission Controls | Dual three-way catalytic converters, heated oxygen sensors |

### ENGINE: 3.0-LITRE ECODIESEL I-4

|                      |  |
|----------------------|--|
| Type and Description | I-4 diesel variable geometry turbocharger  |
| Displacement         | 2,998 cu. cm (183 cu. in.)   |
| Bore x Stroke        | 95.8 x 104 (3.78 x 4.09)   |
| 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 @ 3,600 rpm   |
| Torque               | 295 lb.-ft. @ 1,400 rpm  |
| Max. Engine Speed    | 4,200 rpm  |
| Fuel Requirement     | Diesel   |
| Oil Capacity         | 9 litres (9.5 qt.)   |
| Coolant Capacity     | 13.33 litres (14.0 qt.)  |
| Emission Controls    | Selective Catalytic Reduction (SCR)  |

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

|              |  |
|--------------|--|
| Availability | Standard with 3.6-litre Pentastar V6   |
| 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 |



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|   |      |
|---|------|
| 5th                                     | 0.95 |
| 6th                                     | 0.65 |
| Reverse                                 | 3.04 |
| Final Drive and Overall Top Gear Ratios | 3.86 |

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

|   |   |
|---|---|
| Availability                            | Standard with 3.0-litre I-4 turbo diesel  |
| Description                             | Single disc clutch with hydraulic release |
| <b>Gear Ratios</b>                      |   |
| 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  |



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## BRAKES

|  |  |
|--|--|
| Front Rotor mm (in.): diameter x width | 300 x 32 (11.8 x 1.26)                           |
| Rear Rotor mm (in.): diameter x width  | 280 x 16 (11.0 x 0.63)                           |
| 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         |

## BODY DIMENSIONS / SPECIFICATIONS

| Vehicle and Body Type                 | Wheel base mm (in.) | Height Category | GVWR kg (lb.) | GCWR kg (lb.) Gas/Diesel    | Curb Wt kg (lb.) without opt | Payload kg (lb.)           | Front Axle GAWR kg (lb.) | Rear Axle GAWR kg (lb.) | Turning Diameter m (ft.) | Body Height mm (in.) | Body Overall Length mm (in.) | Body Width w/o mirrors mm (in.) | Vehicle Width w/ mirrors folded mm (in.) | Vehicle Width w/ mirrors mm (in.) extended | Cab to Rear Axle | Overhang Rear Axle to End of Frame |
|---------------------------------------|---------------------|-----------------|---------------|-----------------------------|------------------------------|----------------------------|--------------------------|-------------------------|--------------------------|----------------------|------------------------------|---------------------------------|--|--|------------------|------------------------------------|
| 1500 Cargo Van SWB low roof           | 2997 (118)          | H1              | 3878 (8550)   | 5216 (11500) / 5670 (12500) | 2064 (4551) / 2174 (4792)    | 1810 (3990) / 1,701 (3750) | 2100 (4630)              | 2270 (5004)             | 11.1 (36.3)              | 2311 (91)            | 4953 (195)                   | 2101 (82.7)                     | 2299 (90.5)                              | 2489 (98)                                  | —                | —                                  |
| 1500 Cargo Van MWB low roof           | 3454 (136)          | H1              | 3878 (8550)   | 5216 (11500) / 5670 (12500) | 2097 (4624) / 2205 (4862)    | 1778 (3920) / 1699 (3680)  | 2100 (4630)              | 2400 (5291)             | 12.4 (40.7)              | 2311 (91)            | 5413 (213.1)                 | 2101 (82.7)                     | 2299 (90.5)                              | 2489 (98)                                  | —                | —                                  |
| 1500 Cargo Van MWB high roof          | 3454 (136)          | H2              | 4037 (8900)   | 5216 (11500) / 5670 (12500) | 2161 (4764) / 2247 (4954)    | 1873 (4130)                | 2100 (4630)              | 2400 (5291)             | 12.4 (40.7)              | 2565 (101)           | 5413 (213.1)                 | 2101 (82.7)                     | 2299 (90.5)                              | 2489 (98)                                  | —                | —                                  |
| 2500 Cargo Van MWB high roof          | 3454 (136)          | H2              | 4037 (8900)   | 5216 (11500) / 5670 (12500) | 2161 (4764) / 2270 (5005)    | 1873 (4130) / 1764 (3890)  | 2100 (4630)              | 2400 (5291)             | 12.4 (40.7)              | 2565 (101)           | 5413 (213.1)                 | 2101 (82.7)                     | 2299 (90.5)                              | 2489 (98)                                  | —                | —                                  |
| 2500 Cargo Van LWB high roof          | 4039 (159)          | H2              | 4037 (8900)   | 5216 (11500) / 5670 (12500) | 2218 (4889) / 2334 (5147)    | 1819 (4010) / 1701 (3750)  | 2100 (4630)              | 2400 (5291)             | 14.3 (46.8)              | 2565 (101)           | 5994 (236)                   | 2101 (82.7)                     | 2299 (90.5)                              | 2489 (98)                                  | —                | —                                  |
| 3500 Cargo Van LWB high roof          | 4039 (159)          | H2              | 4241 (9350)   | 5216 (11500) / 5670 (12500) | 2224 (4903) / 2352 (5185)    | 2014 (4440) / 1887 (4160)  | 2100 (4630)              | 2400 (5291)             | 14.3 (46.8)              | 2565 (101)           | 5994 (236)                   | 2101 (82.7)                     | 2299 (90.5)                              | 2489 (98)                                  | —                | —                                  |
| 3500 Cargo Van LWB high roof extended | 4039 (159)          | H2              | 4241 (9350)   | 5216 (11500) / 5670 (12500) | 2276 (5017) / 2385 (5257)    | 1964 (4330) / 1855 (4090)  | 2100 (4630)              | 2400 (5291)             | 14.3 (46.8)              | 2565 (101)           | 6350 (250)                   | 2101 (82.7)                     | 2299 (90.5)                              | 2489 (98)                                  | —                | —                                  |
| 2500 Glazed Van LWB high roof         | 4039 (159)          | H2              | 4037 (8900)   | 5216 (11500) / 5670 (12500) | 2253 (4968) / 2362 (5208)    | 1783 (3930) / 1674 (3690)  | 2100 (4630)              | 2400 (5291)             | 14.3 (46.8)              | 2565 (101)           | 5994 (236)                   | 2101 (82.7)                     | 2299 (90.5)                              | 2489 (98)                                  | —                | —                                  |
| 2500 Chassis Cab MWB                  | 3454 (136)          | H1              | 4037 (8900)   | 5216 (11500) / 5670 (12500) | 1913 (4217) / 2022 (4457)    | 2123 (4680) / 2014 (4440)  | 2100 (4630)              | 2400 (5291)             | 12.4 (40.7)              | 2311 (91)            | 5359 (207)                   | 2101 (82.7)                     | 2337 (92)                                | 2769 (109)                                 | 2057 (81)        | 864 (34)                           |
| 3500 Chassis Cab LWB                  | 4039 (159)          | H1              | 4241 (9350)   | 5216 (11500) / 5670 (12500) | 1923 (4239) / 2032 (4480)    | 2318 (5110) / 2209 (4870)  | 2100 (4630)              | 2400 (5291)             | 14.3 (46.8)              | 2311 (91)            | 5944 (234)                   | 2101 (82.7)                     | 2337 (92)                                | 2769 (109)                                 | 2642 (104)       | 864 (34)                           |
| 3500 Chassis Cab LWB extended         | 4039 (159)          | H1              | 4241 (9350)   | 5216 (11500) / 5670 (12500) | 1938 (4272) / 2046 (4511)    | 2300 (5070) / 2191 (4830)  | 2100 (4630)              | 2400 (5291)             | 14.3 (46.8)              | 2311 (91)            | 6198 (244)                   | 2101 (82.7)                     | 2337 (92)                                | 2769 (109)                                 | 2642 (104)       | 1219 (48)                          |
| 2500 Cutaway MWB                      | 3454 (136)          | H1              | 4037 (8900)   | 5216 (11500) / 5670 (12500) | 1893 (4173) / 2002 (4414)    | 2141 (4720) / 2032 (4480)  | 2100 (4630)              | 2400 (5291)             | 12.4 (40.7)              | 2311 (91)            | 5258 (207)                   | 2101 (82.7)                     | 2337 (92)                                | 2769 (109)                                 | 2057 (81)        | 864 (34)                           |
| 3500 Cutaway LWB                      | 4039 (159)          | H1              | 4241 (9350)   | 5216 (11500) / 5670 (12500) | 1897 (4183) / 2012 (4435)    | 2341 (5160) / 2227 (4910)  | 2100 (4630)              | 2340 (5291)             | 14.3 (46.8)              | 2311 (91)            | 5842 (230)                   | 2101 (82.7)                     | 2337 (92)                                | 2769 (109)                                 | 2642 (104)       | 864 (34)                           |
| 3500 Cutaway LWB extended             | 4039 (159)          | H1              | 4241 (9350)   | 5216 (11500) / 5670 (12500) | 1918 (4228) / 2026 (4468)    | 2322 (5120) / 2214 (4880)  | 2100 (4630)              | 2400 (5291)             | 14.3 (46.8)              | 2311 (91)            | 6198 (244)                   | 2101 (82.7)                     | 2337 (92)                                | 2769 (109)                                 | 2642 (104)       | 1219 (48)                          |



**RAM**

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| Vehicle and Body Type                            | Wheelbase<br>mm (in.) | Track Front<br>mm (in.) | Track Rear<br>mm (in.) | Approach<br>Angle | Depart<br>Angle | Ground<br>Clearance<br>mm (in.) | Seating | Width<br>between<br>wheel<br>housings<br>mm (in.) | Cargo<br>Volume L<br>(cu. ft.) | Airbags |
|--|-----------------------|-------------------------|------------------------|-------------------|-----------------|---------------------------------|---------|---|--------------------------------|---------|
| <b>1500 Cargo Van SWB<br/>low roof</b>           | 2997<br>(118)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | 1422 (56)   | 7340<br>(259.2)                | 6       |
| <b>1500 Cargo Van MWB<br/>low roof</b>           | 3454<br>(136)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | 1422 (56)   | 8600<br>(303.7)                | 6       |
| <b>1500 Cargo Van MWB<br/>high roof</b>          | 3454<br>(136)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | 1422 (56)   | 9993<br>(352.9)                | 6       |
| <b>2500 Cargo Van MWB<br/>high roof</b>          | 3454<br>(136)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | 1422 (56)   | 9993<br>(352.9)                | 6       |
| <b>2500 Cargo Van LWB<br/>high roof</b>          | 4039<br>(159)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | 1422 (56)   | 11899<br>(420.2)               | 6       |
| <b>3500 Cargo Van LWB<br/>high roof</b>          | 4039<br>(159)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | 1422 (56)   | 11899<br>(420.2)               | 6       |
| <b>3500 Cargo Van LWB<br/>high roof extended</b> | 4039<br>(159)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | 1422 (56)   | 13108<br>(462.9)               | 6       |
| <b>2500 Window Van LWB<br/>high roof</b>         | 4039<br>(159)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | 1422 (56)   | 11899<br>(420.2)               | 6       |
| <b>2500 Chassis Cab MWB</b>                      | 3454<br>(136)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | —   | —                              | 6       |
| <b>3500 Chassis Cab LWB</b>                      | 4039<br>(159)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | —   | —                              | 6       |
| <b>3500 Chassis Cab LWB<br/>extended</b>         | 4039<br>(159)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | —   | —                              | 6       |
| <b>2500 Cutaway MWB</b>                          | 3454<br>(136)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | —   | —                              | 6       |
| <b>3500 Cutaway LWB</b>                          | 4039<br>(159)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | —   | —                              | 6       |
| <b>3500 Cutaway LWB<br/>extended</b>             | 4039<br>(159)         | 1811<br>(71.3)          | 1971<br>(77.6)         | 18.6°             | 20°             | 175 (6.9)                       | 3       | —   | —                              | 6       |

