



2016 RAM 3500 CHASSIS CAB 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

| | |
|-------------------------|---------------------------------------|
| Vehicle Type | Chassis Cab: Regular Cab and Crew Cab |
| Assembly Plant | Saltillo (Mexico) |
| EnerGuide Vehicle Class | Large Pickup |

ENGINE: 6.4-LITRE HEMI® V8

| | |
|----------------------|--|
| Availability | Standard |
| Type and Description | Eight-cylinder, 90-degree V-type, liquid-cooled, variable-valve timing (VVT) |
| Displacement | 6,417 cu. cm (392 cu. in.) |
| Bore x Stroke | 103.9 x 94.6 (4.09 x 3.72) |
| Valve System | VVT, push-rod operated overhead valves (16, two per cylinder), eight de-activating and eight hydraulic lifters with roller followers |
| Fuel Injection | Sequential, multiport, electronic, returnless |
| Construction | Deep-skirt cast-iron block with cross-bolted main bearing caps, 356 aluminum cylinder heads with hemispherical combustion chambers |
| Compression Ratio | 10:1 |
| Power | 410 hp @ 5,600 rpm 370 hp @ 4,600 rpm (over 10k rating) |
| Torque | 429 lb.-ft. at 4,000 rpm |
| Maximum Engine Speed | 5,800 rpm limited; 4,800 rpm with AISIN transmission |
| Fuel Requirement | Unleaded regular, 87 octane (R+M)/2 |
| Oil Capacity | 6.6 litres (7 qt.) |
| Coolant Capacity | 15.75 litres (16.6 qt.) |
| Emission Control | Three-way catalytic converters, heated oxygen sensors, cooled electronic EGR and individual cylinder fuel control |



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ENGINE: 6.7-LITRE CUMMINS TURBO DIESEL I-6

| | |
|----------------------|--|
| Availability | Manual six-speed transmission |
| Type and Description | Six-cylinder, inline, liquid-cooled, turbocharged, intercooled |
| Displacement | 6,690 cu. cm (408 cu. in.) |
| Bore x Stroke | 107 x 124 (4.21 x 4.88) |
| Valve System | OHV, 24 valves, solid lifters |
| Fuel Injection | Electronic high-pressure common rail |
| Construction | Cast-iron block and head |
| Compression Ratio | 17.3:1 |
| Power | 320 hp @ 2,800 rpm |
| Torque | 650 lb.-ft. @ 1,400 rpm |
| Maximum Engine Speed | 3,200 rpm |
| Fuel Requirement | Ultra-low sulfur diesel |
| Oil Capacity | 11.3 litres (12.0 qt.) with filter |
| Coolant Capacity | 22.50 litres (23.8 qt.) |
| Emission Controls | Selective Catalytic Reduction (SCR) |

ENGINE: 6.7-LITRE HIGH OUTPUT CUMMINS TURBO DIESEL I-6

| | |
|----------------------|--|
| Availability | Optional (AISIN six-speed automatic) |
| Type and Description | Six-cylinder, inline, liquid-cooled, turbocharged, intercooled |
| Displacement | 6,690 cu cm (408 cu. in.) |
| Bore x Stroke | 107 x 124 (4.21 x 4.88) |
| Valve System | OHV, 24 valves, solid lifters |
| Fuel Injection | Electronic high-pressure common rail |
| Construction | Cast-iron block and head |
| Compression Ratio | 17.3:1 |
| Power | 325 hp @ 2,400 rpm |
| Torque | 750 lb.-ft. @ 1,500 rpm |
| Maximum Engine Speed | 3,200 rpm |
| Fuel Requirement | Ultra-low sulfur diesel |
| Oil Capacity | 11.3 litres (12.0 qt.) with filter |
| Coolant Capacity | 22.5 litres (23.8 qt.) |
| Emission Controls | Selective Catalytic Reduction (SCR) |



2016 RAM 3500 CHASSIS CAB CANADIAN SPECIFICATIONS

TRANSMISSION: G56 — MANUAL SIX-SPEED OVERDRIVE

| | |
|--------------------|---|
| Availability | 6.7-litre diesel |
| Description | Synchronized in all gears |
| Gear Ratios | |
| 1st | 5.94 |
| 2nd | 3.28 |
| 3rd | 1.98 |
| 4th | 1.31 |
| 5th | 1.0 |
| 6th | 0.74 |
| Reverse | 5.42 |
| Axle ratios | 3500: 3.42, 3.73, 4.10 |
| PTO | Left -or right-side with split shaft capability |

TRANSMISSION: 66RFE — AUTOMATIC SIX-SPEED

| | |
|--------------------|--|
| Availability | 6.4-litre HEMI V8 |
| Description | Three planetary gear sets, one overrunning clutch, full electronic control, electronically controlled converter clutch |
| Gear Ratios | |
| 1st | 3.23 |
| 2nd | 1.84 |
| 3rd | 1.41 |
| 4th | 1.00 |
| 5th | 0.82 |
| 6th | 0.63 |
| Reverse | 4.44 |
| Axle ratios | 5.7-litre: 4.10 |
| | 6.4-litre: 4.10 |



2016 RAM 3500 CHASSIS CAB CANADIAN SPECIFICATIONS

TRANSMISSION: AS66RC — AISIN AUTOMATIC SIX-SPEED

| | |
|--------------------|--|
| Availability | 6.4-litre HEMI V8 |
| Description | Three planetary gear sets, one overrunning clutch, full electronic control, electronically controlled converter clutch |
| Gear Ratios | |
| 1st | 3.75 |
| 2nd | 2.0 |
| 3rd | 1.34 |
| 4th | 1.0 |
| 5th | 0.77 |
| 6th | 0.63 |
| Reverse | 3.54 |
| Axle ratios | 3500: 4.44 |
| PTO | Left- or right-side capability |

TRANSMISSION: AS69RC — AISIN AUTOMATIC SIX-SPEED

| | |
|--------------------|--|
| Availability | 6.7-litre diesel |
| Description | Three planetary gear sets, one overrunning clutch, full electronic control, electronically controlled converter clutch |
| Gear Ratios | |
| 1st | 3.75 |
| 2nd | 2.0 |
| 3rd | 1.34 |
| 4th | 1.0 |
| 5th | 0.77 |
| 6th | 0.63 |
| Reverse | 3.54 |
| Axle ratios | 3500: 3.42, 3.73, 4.10 |
| PTO | Left -or right-side with split shaft capability |

TRANSFER CASES: BW 44-46, BW 44-47

| | |
|---------------------|---|
| Availability | Optional on 6.7-litre diesel, 6.4-litre HEMI V8 and 5.7-litre HEMI V8 |
| Type | Part-time – BW 44-47 manual shift and BW 44-46 electric shift |
| Operating Modes | 2WD; 4WD High; Neutral; 4WD Low |
| Low-range Ratio | 2.64 |
| Centre Differential | None |



2016 RAM 3500 CHASSIS CAB CANADIAN SPECIFICATIONS

SUSPENSION

| | |
|-------|--|
| Front | Three-link with track bar, coil springs, stabilizer bar, twin-tube shock absorbers, solid axle |
| Rear | Hotchkiss leaf spring suspension, solid axle |

BRAKES

| | |
|--------------|--|
| Front | 360 x 39 vented disc with 2 x 60 front caliper |
| Rear | 358 x 34 vented disc with 2 x 45 caliper for SRW, 2 x 51 for DRW |
| Power-assist | Hydroboost |

AIR BAGS

| | |
|-------------|---|
| Regular Cab | 2 |
| Crew Cab | 2 |

STEERING

| | |
|--------------|------------------|
| Power-assist | Hydraulic assist |
|--------------|------------------|

DIMENSIONS AND CAPACITIES mm (in.) unless otherwise noted

| Regular Cab 3,644.9 mm (143.5 in.) WB 1,524 mm (60-in.) CA SRW inin | 4x2 | 4x4 |
|---|-------------------|-------------------|
| Wheelbase | 3,645 (143.5) | 3,645 (143.5) |
| Turning diameter ^(a) | 13.7 m (45.0 ft.) | 16.8 m (55.5 ft.) |
| Track Width – Front | 1,930 (76.0) | 1,930 (76.0) |
| Track Width – Rear | 1,869 (73.6) | 1,869 (73.6) |
| Overall Length | 5,951 (234.3) | 5,951 (234.3) |
| Overall Width @ Single Ground Reference Point (SgRP) Front | 2,004 (78.9) | 2,004 (78.9) |
| Overall Height | 2,035 (80.1) | 2,035 (80.1) |
| Suspension or Axle to Ground – Front | 262 (10.3) | 221 (8.7) |
| Suspension or Axle to Ground – Rear | 213 (8.4) | 213 (8.4) |
| Approach Angle (degrees) | 28.3 | 28.3 |
| Ramp Breakover Angle (degrees) | 23.7 | 23.7 |
| Departure Angle (degrees) | 31.1 | 31.1 |



2016 RAM 3500 CHASSIS CAB CANADIAN SPECIFICATIONS

| Regular Cab 3,645 mm (143.5-in.) WB 1,524 mm (60-in.) CA DRW | 4x2 | 4x4 |
|---|-------------------|-------------------|
| Wheelbase | 3,645 (143.5) | 3,645 (143.5) |
| Turning diameter ^(a) | 16.8 m (55.5 ft.) | 13.7 m (45.0 ft.) |
| Track Width – Front | 1,930 (76.0) | 1,930 (76.0) |
| Track Width – Rear | 1,869 (73.6) | 1,869 (73.6) |
| Overall Length | 5,951 (234.3) | 5,951 (234.3) |
| Overall Width @ Single Ground Reference Point (SgRP) Front | 2,004 (78.9) | 2,004 (78.9) |
| Overall Height | 2,035 (80.1) | 2,035 (80.1) |
| Suspension or Axle to Ground – Front | 262 (10.3) | 221 (8.7) |
| Suspension or Axle to Ground – Rear | 213 (8.4) | 213 (8.4) |
| Approach Angle (degrees) | 28.3 | 28.3 |
| Ramp Breakover Angle (degrees) | 23.7 | 23.7 |
| Departure Angle (degrees) | 31.1 | 31.1 |

| Regular Cab 4,255 mm (167.5-in.) WB 2,134 mm (84-in.) CA DRW | 4x2 | 4x4 |
|---|--------------------|--------------------|
| Wheelbase | 4,255 (167.5) | 4,255 (167.5) |
| Turning diameter ^(a) | 15.8 m (51.75 ft.) | 15.8 m (51.75 ft.) |
| Track Width – Front | 1,930 (76.0) | 1,930 (76.0) |
| Track Width – Rear | 1,869 (73.6) | 1,869 (73.6) |
| Overall Length | 6,561 (258.3) | 6,561 (258.3) |
| Overall Width @ Single Ground Reference Point (SgRP) Front | 2,004 (78.9) | 2,004 (78.9) |
| Overall Height | 2,032 (80.0) | 2,032 (80.0) |
| Suspension or Axle to Ground – Front | 262 (10.3) | 221 (8.7) |
| Suspension or Axle to Ground – Rear | 213 (8.4) | 213 (8.4) |
| Approach Angle (degrees) | 28.4 | 28.4 |
| Ramp Breakover Angle (degrees) | 20.8 | 20.8 |
| Departure Angle (degrees) | 31.0 | 31.0 |

| Crew Cab 4,378 mm (172.4-in.) WB 1,524 mm (60-in.) CA DRW | 4x2 | 4x4 |
|--|--------------------|--------------------|
| Wheelbase | 4,378.9 (172.4) | 4,379 (172.4) |
| Turning diameter ^(a) | 16.2 m (53.17 ft.) | 16.2 m (53.17 ft.) |
| Track Width – Front | 1,930 (76.0) | 1,930 (76.0) |
| Track Width – Rear | 1,869 (73.6) | 1,869 (73.6) |
| Overall Length | 7,170 (282.3) | 7,170 (282.3) |
| Overall Width @ Single Ground Reference Point (SgRP) Front | 2,004 (78.9) | 2,004 (78.9) |
| Overall Height | 2,030 (79.9) | 2,030 (79.9) |



2016 RAM 3500 CHASSIS CAB CANADIAN SPECIFICATIONS

| | | |
|--------------------------------------|------------|-----------|
| Suspension or Axle to Ground – Front | 262 (10.3) | 224 (8.8) |
| Suspension or Axle to Ground – Rear | 213 (8.4) | 213 (8.4) |
| Approach Angle (degrees) | 28.5 | 28.5 |
| Ramp Breakover Angle (degrees) | 18.2 | 18.2 |
| Departure Angle (degrees) | 30.9 | 30.9 |

(a) Turning diameter is measured at the outside of the tires at curb height. Turning diameters and steering wheel turns, lock-to-lock may differ with optional tires and wheels.

ACCOMMODATIONS mm (in.) unless otherwise notes

| Model | Regular Cab | Crew Cab |
|--------------------------|-------------------------------|-------------------------------|
| Seating Capacity, F/R | 3/0 or 2/0 | 3/3 or 2/3 |
| Front | | |
| Headroom | 1,014 (39.9) | 1,041 (41.0) |
| Legroom | 1,041 (41.0) | 1,041 (41.0) |
| Shoulder Room | 1,676 (66.0) | 1,676 (66.0) |
| Hip Room | 1,599 (62.9) | 1,605 (63.2) |
| Seat Travel | 230 (9.0) | 230 (9.0) |
| Recliner Range (degrees) | 85 (38 RWD, 47 FWD) | 56 (38 RWD, 18 FWD) |
| Rear | | |
| Headroom | N/A | 1,014 (39.9) |
| Legroom | N/A | 1,023 (40.3) |
| Shoulder Room | N/A | 1,669 (65.7) |
| Hip Room | N/A | 1,605 (63.2) |
| Interior Volume | | |
| Front | 1,770 litres (62.5 cu.ft.) | 1,818 litres (64.2 cu.ft.) |
| Rear | N/A | 1,730 litres (61.1 cu.ft.) |

