



RAM

1500

CANADIAN SPECIFICATIONS

2014 Ram 1500 CANADIAN SPECIFICATIONS

*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 | Regular Cab, Quad Cab, and Crew Cab, 2WD, 4WD |
| Assembly Plant | Regular Cab: Saltillo Truck Assembly, Saltillo (Mexico) Quad Cab: Warren Truck Assembly Plant, Warren, Mich. (U.S.A.) Crew Cab: Warren Truck Assembly Plant, Warren, Mich. (U.S.A.) |
| Vehicle Class | Standard Pickup |

BODY/CHASSIS

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|--------------|--|
| Layout | 2WD — Longitudinal, front engine 4WD — Longitudinal, front engine, transfer case |
| Construction | 2WD — Ladder-type frame, steel cab, double-wall steel pickup box 4WD — Ladder-type frame, steel cab, double-wall steel pickup box |

ENGINE: 3.6-LITRE 24-VALVE DOHC V6 E85

| | |
|----------------------|---|
| Type and Description | 60-degree V-type, liquid-cooled |
| Displacement | 3,604 cu. cm (220 cu. in.) |
| Bore x Stroke | 96.0 mm x 83.0 mm (3.78 in. x 3.27 in.) |
| 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 | 10.2:1 |
| Power | 305 hp at 6,400 rpm |
| Torque | 269 lb.-ft. at 4,175 rpm |
| Max. Engine Speed | 6,400 rpm (electronically limited) |
| Fuel Requirement | Unleaded regular, 87 octane (R+M)/2, E85-compatible |
| 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 |



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| 2013 EnerGuide Fuel Economy L/100 km (mpg) (City/Hwy) | 11.4 (25) / 7.8 (36) |
|---|----------------------|

ENGINE: 3.0-LITRE DOHC ECODIESEL V6

| | |
|--|---|
| Type and Description | 60-degree V-type, liquid-cooled |
| Displacement | 2988 cu. cm (182 cu. in.) |
| Bore x Stroke | 83 x 92 (3.27 x 3.60) |
| Valve System | Chain-driven DOHC, 24 valves |
| Fuel Injection | Common-rail, 2000 bar, Solenoid Injectors |
| Construction | Cast-iron block, aluminum alloy heads |
| Compression Ratio | 15.5:1 |
| Power | 240 hp at 3,600 rpm |
| Torque | 420 lb.-ft. at 2,000 rpm |
| Max. Engine Speed | 4,800 rpm (electronically limited) |
| Fuel Requirement | Ultra Low-sulfur diesel |
| Oil Capacity | 7.8 litres (8.2 qt.) |
| Coolant Capacity | 11.4 litres (12 qt.) |
| Emission Controls | Cooled EGR, Oxidation catalyst, Diesel particulate filter, SCR w/urea injection |
| Estimated Maximum Fuel Economy L/100 km (mpg) (city/hwy) (1) | TBA |

(1) Ratings not available at time of printing

ENGINE: 5.7-LITRE HEMI® 16-VALVE V8

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|----------------------|---|
| Type and Description | 90-degree V8, liquid-cooled |
| Displacement | 5654 cu. cm (345 cu. in.) |
| Bore x Stroke | 99.5 x 90.9 (3.92 x 3.58) |
| Valve System | Variable cam timing, pushrod-operated overhead valves, 16 valves, hydraulic lifters with roller followers |
| Fuel Injection | Sequential, multiport, electronic, returnless |
| Construction | Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers |
| Compression Ratio | 10.5:1 |
| Power | 395 hp @ 5,600 rpm |
| Torque | 407 lb.-ft. @ 3,950 rpm |
| Max. Engine Speed | 5,800 rpm |



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| Fuel Requirement | Unleaded mid-grade, 89 octane (R+M)/2 — recommended Unleaded regular, 87 octane (R+M)/2 — acceptable |
| Oil Capacity | 6.6 litres (7.0 qt.) |
| Coolant Capacity | 13.33 litres (14.0 qt.) |
| Emission Controls | Three-way catalytic converters, heated oxygen sensors and internal engine features |
| 2013 EnerGuide Fuel Economy L/100 km (mpg) (city/hwy) 8-speed automatic | 14.1 (20) / 9.3 (30) |
| 2013 EnerGuide Fuel Economy L/100 km (mpg) (city/hwy) 6-speed automatic | 15.4 (18) / 10.2 (28) |

TRANSMISSION: 65RFE AUTOMATIC SIX-SPEED

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|---|--|
| Availability | Available with 5.7-litre V8 equipped trucks |
| Description | Three planetary gear sets, one overrunning clutch, full electronic control, electronically controlled converter clutch |
| Gear Ratios | |
| 1st | 3.00 |
| 2nd | 1.67 |
| 3rd | 1.50 |
| 4th | 1.00 |
| 5th | 0.75 |
| 6th | 0.67 |
| Reverse | 3.00 |
| Final Drive and Overall Top Gear Ratios | 2.15 with 3.21 axle; 2.38 with 3.55 axle; 2.63 with 3.92 axle; and 2.75 with 4.10 axle |

TRANSMISSION: ZF 8HP45 AUTOMATIC EIGHT-SPEED WITH ELECTRONIC RANGE SELECT (ERS)

| | |
|--------------|---|
| Availability | Standard with 3.6-litre Pentastar and 3.0-litre EcoDiesel V6 equipped trucks |
| Description | Adaptive electronic control, automatic or Electronic Range Select (ERS) manual control. Five clutch-pack design with only two open clutches in any gear. Torque converter lock with turbine torsional damper for low lock-up speeds in 1st through 8th gear |
| Gear Ratios | |
| 1st | 4.71 |
| 2nd | 3.14 |
| 3rd | 2.10 |



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| 4th | 1.67 |
| 5th | 1.29 |
| 6th | 1.00 |
| 7th | 0.84 |
| 8th | 0.67 |
| Reverse | 3.30 |
| Final Drive and Overall Top Gear Ratios | 2.15 with 3.21 axle; 2.38 with 3.55 axle |

TRANSMISSION: ZF 8HP70 AUTOMATIC EIGHT-SPEED WITH ELECTRONIC RANGE SELECT (ERS)

| | |
|---|---|
| Availability | Available with select 5.7-litre V8 equipped trucks |
| Description | Adaptive electronic control, automatic or ERS manual control. Five clutch-pack design with only two open clutches in any gear. Torque converter lock with turbine torsional damper for low lock-up speeds in 1st through 8th gear |
| Gear Ratios | |
| 1st | 4.71 |
| 2nd | 3.14 |
| 3rd | 2.10 |
| 4th | 1.67 |
| 5th | 1.29 |
| 6th | 1.00 |
| 7th | 0.84 |
| 8th | 0.67 |
| Reverse | 3.30 |
| Final Drive and Overall Top Gear Ratios | 2.15 with 3.21 axle; 2.38 with 3.55 axle; 2.63 with 3.92 axle |

TRANSFER CASE: BW 44-45 PART-TIME

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|--------------------------|--|
| Availability | 3.6-litre V6 4x4 and 5.7-litre V8 4x4 |
| Shift Mechanism | Electric |
| Available Speeds | 2-speed |
| Operating Modes | 2WD High; 4WD High, Locked; Neutral; 4WD Low, Locked |
| Low-range Ratio | 2.64 |
| Centre Differential Type | None |



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TRANSFER CASE: BW 44-44 ON-DEMAND

| | |
|--------------------------|--|
| Availability | 3.0-litre V6 4x4, 5.7-litre V8 4x4 |
| Shift Mechanism | Electric |
| Available Speeds | 2-speed |
| Operating Modes | 2WD High; 4WD Auto; 4WD High, Locked; Neutral; 4WD Low, Locked |
| Low-range Ratio | 2.64 |
| Centre Differential Type | None |

AXLES

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| Front | ZF 215 mm |
| Rear | C235 mm (available limited slip) |
| Available Ratios | 3.21, 3.55, 3.92 |

ELECTRICAL SYSTEM

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| Architecture | Powernet |
| Alternator | 160-amp, 180-amp, 220-amp (Stop-start and Special Services Package) |
| Battery | Group 65, low-maintenance 730 CCA (Stop-start features 800 CCA Absorbed Glass Mat) |

SUSPENSION

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| Front | Upper and lower "A" arms, coil springs, twin-tube shock absorbers, stabilizer bar. Optional air suspension replaces twin-tube shock absorbers and coil springs |
| Rear | Five-link with track bar, coil springs, stabilizer bar, twin-tube shock absorbers, solid axle. Optional air suspension replaces twin-tube shock absorbers and coil springs |

