

**RAM**

3500 Chassis Cab

CANADIAN SPECIFICATIONS

2015 Ram 3500 Chassis Cab 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	Chassis Cab: Regular Cab and Crew Cab
Assembly Plant	Saltillo (Mexico)
Vehicle Class	Large Pickup
Introduction	2007 Model Year

ENGINE: 5.7-LITRE HEMI® V8

Availability	Optional
Type and Description	Eight-cylinder, 90-degree V-type, liquid-cooled, with variable-valve timing (VVT)
Displacement	5,654 cu. cm (345 cu. in.)
Bore x Stroke	99.5 x 90.9 (3.92 x 3.58)
Valve System	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	383 hp @ 5,600 rpm
Torque	400 lb.-ft. @ 4,000 rpm
Maximum Engine Speed	5,800 rpm
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	17.30 litres (18.3 qt.)
Emission Control	Dual three-way catalytic converters, internal engine features with knock sensors

ENGINE: 6.4-LITRE HEMI® V8

Availability	Standard
Type and Description	Eight-cylinder, 90-degree V-type, liquid-cooled, with 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)



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Valve System	VVT, push-rod operated overhead valves (16, two-per-cylinder), eight de-activating and eight hydraulic lifters with all roller followers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Deep-skirt cast-iron block with cross-bolted main bear 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
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

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 (16.6 qt.)
Emission Controls	Selective Catalytic Reduction (SCR)

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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	22.50 litres (23.8 qt.)
Emission Controls	Selective Catalytic Reduction (SCR)

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

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TRANSMISSION: 66RFE — AUTOMATIC SIX-SPEED

Availability	5.7-litre gas and 6.4-litre gas
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

TRANSMISSION: AS66RC — AUTOMATIC SIX-SPEED

Availability	6.4-litre gas
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

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CANADIAN SPECIFICATIONS

TRANSMISSION: AS69RC — 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 gas and 5.7-litre gas
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

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

Reg Cab	2
Crew Cab	2

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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	4x2	4x4
Wheelbase	3,645 (143.5)	3645 (143.5)
Turning diameter ^(a)	13.7 m (45.0 ft.)	16.8 m (55.5 ft.)
Track Width – Front	1,930 (76.0)	1930 (76.0)
Track Width – Rear	1,869 (73.6)	1869 (73.6)
Overall Length	5,951 (234.3)	5951 (234.3)
Overall Width @ Single Ground Reference Point (SgRP) Front	2,004 (78.9)	2004 (78.9)
Overall Height	2,035 (80.1)	2035 (80.1)
Suspension or Axle to Ground – Front	261.6 (10.3)	220.9 (8.7)
Suspension or Axle to Ground – Rear	213.4 (8.4)	213.4 (8.4)
Approach Angle	28.3	28.3
Ramp Breakover Angle	23.7	23.7
Departure Angle	31.1	31.1

Regular Cab 3,644.9 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	261.6 (10.3)	220.9 (8.7)
Suspension or Axle to Ground – Rear	213.4 (8.4)	213.4 (8.4)
Approach Angle	28.3	28.3
Ramp Breakover Angle	23.7	23.7
Departure Angle	31.1	31.1

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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	261.6 (10.3)	220.9 (8.7)
Suspension or Axle to Ground – Rear	213.4 (8.4)	213.4 (8.4)
Approach Angle	28.4	28.4
Ramp Breakover Angle	20.8	20.8
Departure Angle	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)
Suspension or Axle to Ground – Front	261.6 (10.3)	223.5 (8.8)
Suspension or Axle to Ground – Rear	213.4 (8.4)	213.4 (8.4)
Approach Angle	28.5	28.5
Ramp Breakover Angle	18.2	18.2
Departure Angle	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.

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ACCOMMODATIONS

mm (inches) unless otherwise noted

Model	Regular Cab	Crew Cab
Seating Capacity, F/R	3/0 or 2/0	3/3 or 2/3
Front		
Head Room	1,014 (39.9)	1,041 (41.0)
Legroom	1,041 (41)	1,041 (41)
Shoulder Room	1,676 (66)	1,676 (66)
Hip Room	1,599 (62.9)	1,605 (63.2)
Seat Travel	230.0 (9.0)	230.0 (9.0)
Recliner Range (degrees)	85 (38 rwd, 47 fwd)	56 (38 rwd, 18 fwd)
Rear		
Head Room	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.)

