



2017 RAM COMMERCIAL
4500 & 5500 CHASSIS CAB
**CANADIAN
SPECIFICATIONS**



FCA CANADA

**2017 Ram Commercial 4500 & 5500 Chassis Cab
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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, 2WD, 4WD
Assembly Plant	Saltillo, Coahuila, Mexico
EPA Vehicle Class	Medium Heavy Duty
Introduction	2008 Model Year

ENGINE: 6.4-LITRE HEMI® V-8

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)
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 bearing caps, 356 aluminum cylinder heads with hemispherical combustion chambers
Compression Ratio	10:1
Power (SAE gross)	366 hp (302 kW) @ 4,500 rpm
Torque (SAE gross)	429 lb-ft (582 N•m) at 4,500 rpm
Maximum Engine Speed	4,800 rpm limited with Aisin
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	6.6 litres (7 quarts)
Coolant Capacity	17.3 litres (18.3 quarts)
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)



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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 (SAE gross)	320 hp (239 kW) @ 2,800 rpm
Torque (SAE net)	650 lb-ft (881 N•m) @ 1,400 rpm
Maximum Engine Speed	3,200 rpm
Fuel Requirement	Ultra-low sulfur diesel
Oil Capacity	11.3 litres (12.0 quarts) with filter
Coolant Capacity	22.5 (23.8 quarts)
Emission Controls	Selective Catalytic Reduction (SCR)

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

Availability	Optional with Aisin six-speed automatic
Type and Description	Six-cylinder, inline, liquid-cooled, turbocharged, intercooled
Displacement	6,690 (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 (SAE gross)	325 hp (242 kW) @ 2,400 rpm
Torque (SAE gross)	750 lb-ft (1,017 N•m) @ 1,500 rpm
Maximum Engine Speed	3,200 rpm
Fuel Requirement	Ultra-low sulfur diesel
Oil Capacity	11.3 (12.0 quarts) with filter
Coolant Capacity	22.5 (23.8 quarts)
Emission Controls	Selective Catalytic Reduction (SCR)

TRANSMISSION: G56 — MANUAL SIX-SPEED OVERDRIVE

Availability	6.7-litre diesel
Description	Synchronized in all gears



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Gear Ratios	
1st	5.94
2nd	3.28
3rd	1.98
4th	1.31
5th	1.00
6th	0.74
Reverse	5.42
Axle ratios	4500: 4.10, 4.44 5500: 4.10, 4.44
PTO	Left -or right-side with split shaft capability

TRANSMISSION: AS66RC — 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	2.00
3rd	1.34
4th	1.00
5th	0.77
6th	0.63
Reverse	3.54
Axle ratios	4500: 4.44, 4.88 5500: 4.88
PTO	Left- or right-side capability

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	2.00
3rd	1.34



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4th	1.00
5th	0.77
6th	0.63
Reverse	3.54
Axle ratios	4500: 4.10, 4.44 5500: 4.10, 4.44 and 4.88
PTO	Left -or right-side with split shaft capability

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

Availability	Optional on 6.7-litre diesel and 6.4-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
Center Differential	None

AXLES

See Feature Availability chart at media.fcanorthamerica.com

ELECTRICAL SYSTEM

See Feature Availability chart at media.fcanorthamerica.com

SUSPENSION

Front	5-link suspension
Rear	Hotchkiss leaf spring suspension, solid axle

BRAKES

Front	
Size and Type	Rotors 390 x39 (15.3 x 1.5) vented disc with 2-piston 66 (2.6) caliper
Rear	
Size and Type	Rotors 390 x 39 (15.3 x 1.5) vented disc with 2-piston 66 (2.6) caliper
Power-assist Type	Hydro-boost

AIR BAGS

Regular Cab	2
Crew Cab	2



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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	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

Regular Cab 519.4 (204.5-in.) WB, 304.8 (120-in.) CA DRW	4x2	4x4
Wheelbase	5,194 (204.5)	5,194 (204.5)
Turning Diameter – m (ft)	57.2 (17.4)	57.2 (17.4)
Track Width – Front	1,930 (76.0)	1,930 (76.0)
Track Width – Rear	1,869 (73.6)	1,869 (73.6)
Overall Length	7,475 (294.3)	7,475 (294.3)
Overall Width @ Single Ground Reference Point (SgRP) Front	2,004 (78.9)	2,004 (78.9)
Overall Height	2,027 (79.8)	2,027 (79.8)
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)	28.6	28.6
Ramp Breakover Angle (degrees)	17.2	17.2
Departure Angle (degrees)	30.8	30.8

Crew Cab 440.4 cm (173.4-in.) WB, 152.4 (60-in.) CA DRW	4x2	4x4
Wheelbase	4,404 (173.4)	4,404 (173.4)
Turning Diameter – m (ft)	49.2 (15.0)	49.2 (15.0)
Track Width – Front	1,930 (76.0)	1,930 (76.0)
Track Width – Rear	1,869 (73.6)	1,869 (73.6)
Overall Length	6,685 (263.2)	6,685 (263.2)
Overall Width @ Single Ground Reference Point (SgRP) Front	2,009 (79.1)	2,009 (79.1)
Overall Height	2,047 (80.6)	2,047 (80.6)
Suspension or Axle to Ground – Front	261.6 (10.3)	221 (8.7)
Suspension or Axle to Ground – Rear	213 (8.4)	213 (8.4)
Approach Angle (degrees)	28.5	28.5
Ramp Breakover Angle (degrees)	20.4	20.4
Departure Angle (degrees)	31.0	31.0



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Crew Cab 501.3 cm (197.4-in.) WB, (213.3) 84-in. CA DRW	4x2	4x4
Wheelbase	5,014 (197.4)	5,014 (197.4)
Turning Diameter – m (ft)	55.7 (17.0)	55.7 (17.0)
Track Width – Front	1,930 (76.0)	1,930 (76.0)
Track Width – Rear	1,869 (73.6)	1,869 (73.6)
Overall Length	7,295 (287.2)	7,295 (287.2)
Overall Width @ Single Ground Reference Point (SgRP) Front	2,009 (79.1)	2,009 (79.1)
Overall Height	2,045 (80.5)	2,045 (80.5)
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)	28.6	28.6
Ramp Breakover Angle (degrees)	17.8	17.8
Departure Angle (degrees)	30.8	30.8

(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.

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)	1,041 (41)
Shoulder Room	1,676 (66)	1,676 (66)
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 – litres (cu. ft.)	1,770 (62.5)	1,818 (64.2)
Rear – litres (cu. ft.)	N/A	1,730 (61.1)

