



## 2016 RAM 4500 & 5500 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, 2WD, 4WD
Assembly Plant	Saltillo (Mexico)
EnerGuide Vehicle Class	Medium Heavy Duty

#### 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)
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	366 hp @ 4,500 rpm
Torque	429 lb.-ft. 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 qt.)
Coolant Capacity	17.3 litres (18.28 qt.)
Emission Control	Three-way catalytic converters, heated oxygen sensors, cooled electronic EGR and individual cylinder fuel control



## 2016 RAM 4500 & 5500 CHASSIS CAB CANADIAN SPECIFICATIONS

### 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	22.5 litres (23.8 qt.)
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 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 4500 & 5500 CHASSIS CAB CANADIAN SPECIFICATIONS

### TRANSMISSION: G56 — MANUAL SIX-SPEED OVERDRIVE

Availability	6.7-litre diesel
Description	Synchronized in all gears
<b>Gear Ratios</b>	
1st	5.94
2nd	3.28
3rd	1.98
4th	1.31
5th	1.0
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
<b>Gear Ratios</b>	
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



## 2016 RAM 4500 & 5500 CHASSIS CAB 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
<b>Gear Ratios</b>	
1st	3.75
2nd	2.00
3rd	1.34
4th	1.00
5th	0.77
6th	0.63
Reverse	3.54
Axle ratios	4500: 4.10, 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
Centre Differential	None

### SUSPENSION

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

### BRAKES

Front	
Size and Type	Rotors 390 x 39 (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



# 2016 RAM 4500 & 5500 CHASSIS CAB CANADIAN SPECIFICATIONS

## AIR BAGS

Regular Cab	2
Crew Cab	2

## STEERING

Power-assist	Hydraulic assist
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## DIMENSIONS AND CAPACITIES mm (in.) unless otherwise noted

<b>Regular Cab 3,670.3 mm (144.5-in.) WB 1,524 mm (60-in.) CA DRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	3,670.3 (144.5)	3,670 (144.5)
Turning Diameter <sup>(a)</sup>	12.7 m (41.7 ft.)	12.7 m (41.7 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	213.4 (8.4)	213.4 (8.4)
Approach Angle (degrees)	28.3	28.3
Ramp Breakover Angle (degrees)	23.7	23.7
Departure Angle (degrees)	31.1	31.1

  

<b>Regular Cab 4,279.9 mm (168.5 in.) WB 2,133.6 mm (84 in.) CA DRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	4,280 (168.5)	4,280 (168.5)
Turning Diameter <sup>(a)</sup>	14.6 m (48.0 ft.)	14.6 m (48.0 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	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



## 2016 RAM 4500 & 5500 CHASSIS CAB CANADIAN SPECIFICATIONS

<b>Regular Cab 4,889.5 mm (192.5 in.) WB 2,743.2 mm (108 in.) CA DRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	4,890 (192.5)	4,890 (192.5)
Turning Diameter <sup>(a)</sup>	16.5 m (54.09 ft.)	16.5 m (54.09 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	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
<b>Regular Cab 5,194.3 mm (204.5 in.) WB 3,048 mm (120 in.) CA DRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	5,194 (204.5)	5,194 (204.5)
Turning Diameter <sup>(a)</sup>	17.4 m (57.2 ft.)	17.4 m (57.2 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	7,475 (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
<b>Crew Cab 4,404.36 mm (173.4 in.) WB 1,524 mm (60 in.) CA DRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	4,404 (173.4)	4,404 (173.4)
Turning Diameter <sup>(a)</sup>	15 m (49.2 ft.)	15 m (49.2 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	6,685 (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)



## 2016 RAM 4500 & 5500 CHASSIS CAB CANADIAN SPECIFICATIONS

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)	28.5	28.5
Ramp Breakover Angle (degrees)	20.4	20.4
Departure Angle (degrees)	31.0	31.0

<b>Crew Cab 5,013.9 mm (197.4 in.) WB 2,133.6 mm (84 in.) CA DRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	5,014 (197.4)	5,014 (197.4)
Turning Diameter <sup>(a)</sup>	17 m (55.7 ft.)	17 m (55.7 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	7,295 (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.

<b>Model</b>	<b>Regular Cab</b>	<b>Crew Cab</b>
Seating Capacity, F/R	3/0 or 2/0	3/3 or 2/3
<b>Front</b>		
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)
<b>Rear</b>		
Headroom	N/A	1,014 (39.9)
Legroom	N/A	1,023 (40.3)
Shoulder Room	N/A	1,670 (65.7)
Hip Room	N/A	1,605 (63.2)



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### 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.)

