



# RAM

## 3500 Heavy Duty

CANADIAN SPECIFICATIONS

### 2015 Ram 3500 Heavy Duty 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, Crew Cab and Mega Cab
Assembly Plants	Saltillo (Mexico)
Vehicle Class	Standard Pickup

#### BODY AND CHASSIS

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

#### ENGINE: 5.7-LITRE HEMI® V8

Type and Description	Eight-cylinder, 90-degree V8, 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 bhp @ 5,600 rpm
Torque	400 lb.-ft. @ 4,000 rpm
Max. 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 litre (7.0 qt.)
Coolant Capacity	17.30 litre (18.3 qt.)
Emission Control	Three-way catalytic converters, heated oxygen sensors, internal engine features and knock sensors



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### ENGINE: 6.4-LITRE HEMI® V8

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 deactivating and eight hydraulic lifters all with 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	10.0:1
Power	410 hp @ 5,600 rpm (all configurations except Mega Cab) Mega Cab — 370 hp @ 4,600 rpm
Torque	429 lb.-ft. at 4,000 rpm
Maximum Engine Speed	5,800 rpm limited
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	6.6 litre (7.0 qt.)
Coolant Capacity	15.75 litre (16.64 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 (three versions)

Type and Description	Six-cylinder, inline, liquid-cooled, turbocharged, intercooled
Displacement	408 cu. in. (6,690 cu. cm)
Bore x Stroke	4.21 x 4.88 (107 x 124)
Valve System	OHV, 24 valves, solid lifters
Fuel Injection	Electronic high-pressure common rail
Construction	Cast-iron block and head
Compression Ratio	16.2:1
Power	350 bhp @ 2,800 rpm (G56 manual transmission)
Torque	660 lb.-ft. @ 1,400 rpm
Power	370 bhp @ 2,800 rpm (68RFE automatic transmission)
Torque	800 lb.-ft. @ 1,600 rpm
Power	385 bhp @ 2,800 rpm (AS69RC automatic transmission)
Torque	865 lb.-ft. @ 1,700 rpm (3500 only)
Maximum High-idle Engine Speed	3,200 rpm
Fuel Requirement	Ultra low sulfur diesel
Oil Capacity	11.3 litre (12.0 qt.) with filter



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Coolant Capacity	22.50 litre (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	3.42, 3.73 (DRW only)

### 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	3.73, 4.10



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### TRANSMISSION: 68RFE — 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	3.23
2nd	1.84
3rd	1.41
4th	1.0
5th	0.82
6th	0.63
Reverse	4.44
Axle Ratios	3.42; 3.73 (DRW only); 4.10 (DRW only)

### TRANSMISSION: AS69RC — AUTOMATIC SIX-SPEED

Availability	6.7-litre Diesel
Description	Three planetary gear-sets, 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	3.42, 3.73 (DRW only); 4.10 (DRW only)

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

Availability	Optional on 6.7-litre diesel and 5.7-litre gas and 6.4-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



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### AXLES

Front	AAM 235 mm (9.25 inch) beam front axle with centre disconnect
Rear	AAM 292 mm (11.5-in.) and 300 mm (11.8-in.) beam rear axles

### ELECTRICAL SYSTEM

Alternator	
Rating	160-amp standard with 5.7-litre
Rating	180-amp included with 6.4-litre gas and 6.7-litre, optional on 5.7-litre
Rating	Dual (220 and 160) optional on 6.4-litre gas
Rating	Dual 220-amp optional on 6.7-litre diesel
Battery	
Description	Group 65, maintenance-free, 730 CCA on 5.7-litre gas and 6.4-litre gas Dual Group 65, maintenance-free, 730 CCA on 6.7-litre diesel

### SUSPENSION

<i>Model</i>	<i>2WD</i>	<i>4WD</i>
Front	Three-link with track bar, coil springs, stabilizer bar, solid axle	Three-link with track bar, coil springs, stabilizer bar, solid axle
Rear	Hotchkiss leaf spring, solid axle	Hotchkiss leaf spring, solid axle (optional supplemental air bags)

### BRAKES

Front	
Size and Type	Rotors 359.9 x 31 (14.17 x 1.54) disc with twin-piston pin-slider caliper and ABS
Rear	
Size and Type	Rotors 358 x 34 (14.09 x 1.34) disc with twin-piston pin-slider caliper and ABS
Power-assist type	Dual-rate, tandem diaphragm vacuum (gas) Hydro-boost (diesel)

### AIR BAGS

Reg Cab	6
Crew Cab	6
Mega Cab	6



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### STEERING

Power-assist	Hydraulic assist
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#### Regular Cab Pickup

Model	2WD	4WD
Box Length	Long	Long
Wheelbase (nominal)	3,568.7 (140.5)	3,568.7 (140.5)
Turning Diameter <sup>(a)</sup>	13.7 m (45.1 ft.)	12.6 m (41.6 ft.)

#### Crew Cab<sup>®</sup> Pickup

Model	2WD	2WD	4WD	4WD
Box Length	Short	Long	Short	Long
Wheelbase (nominal)	3,797 (149.5)	4,305 (169.5)	3,797 (149.5)	4,305 (169.5)
Turning Diameter <sup>(a)</sup>	14.4 m (47.5 ft.)	16.2 m (53.2 ft.)	13.4 m (43.9 ft.)	14.9 m (49.2 ft.)

#### Mega Cab Pickup

Model	2WD	4WD
Wheelbase (nominal)	4,077 (160.5)	4,077 (160.5)
Turning Diameter <sup>(a)</sup>	15.4 m (50.67 ft.)	14.3 m (46.86 ft.)

(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.

### DIMENSIONS AND CAPACITIES

mm (inches) unless otherwise noted

#### Cargo Box

Nominal Box Size	6 ft. 4 in. (Crew or Mega)	8 ft. (Regular or Crew)
Volume	1,628 litres (57.5 cu. ft.)	2,115 litres (74.7 cu. ft.)
Length at Floor, Tailgate Closed	1,939 (76.3)	2,497 (98.3)
Cargo Width	1,687 (66.4)	1,687 (66.4)
Distance Between Wheelhouses	1,295 (51)	1,295 (51)
Depth	511.1 (20.1)	513.2 (20.2)
Tailgate Opening Width	1,535 (60.4)	1,535 (60.4)



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<b>REGULAR CAB 140.5"WB 8-FT. BOX SRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	3,569 (140.5)	3,569 (140.5)
Track Width – Front	1,720 (67.7)	1,720 (67.7)
Track Width – Rear	1,704 (67.1)	1,704 (67.1)
Overall Length	5,852 (230.4)	5,852 (230.4)
Overall Width @ SgRP Front	2,009 (79.1)	2,009 (79.1)
Overall Height	1,991 (78.4)	2,027 (79.8)
Suspension or Axle to Ground – Front	185.4 (7.3)	233.7 (9.2)
Suspension or Axle to Ground – Rear	218.4 (8.6)	218.4 (8.6)
Approach Angle	20.9	25.1
Ramp Breakover Angle	20.8	21.3
Departure Angle	24.8	25.6

<b>REGULAR CAB 140.5" WB 8-FT. BOX DRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	3,569 (140.5)	3,569 (140.5)
Track Width – Front	1,742 (68.6)	1,765 (69.5)
Track Width – Rear	1,925 (75.8)	1,925 (75.8)
Overall Length	5,852 (230.4)	5,852 (230.4)
Overall Width @ SgRP Front	2,004 (78.9)	2,004 (78.9)
Overall Height	1,953 (76.9)	1,994 (78.5)
Suspension or Axle to Ground – Front	165.1 (6.5)	215.9 (8.5)
Suspension or Axle to Ground – Rear	200.7 (7.9)	200.7 (7.9)
Approach Angle	19.1	23.6
Ramp Breakover Angle	17.2	19.7
Departure Angle	23.2	23.8

<b>CREW CAB 149.5" WB 6-FT. 4-IN. BOX SRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	3,798 (149.5)	3,798 149.5
Track Width – Front	1,720 (67.7)	1,720 (67.7)
Track Width – Rear	1,704 (67.1)	1,704 (67.1)
Overall Length	6,027 (237.3)	6,027 (237.3)
Overall Width @ SgRP Front	2,009 (79.1)	2,009 (79.1)
Overall Height	1,991 (78.4)	2,027 (79.8)
Suspension or Axle to Ground – Front	185.4 (7.3)	233.7 (9.2)
Suspension or Axle to Ground – Rear	218.4 (8.6)	218.4 (8.6)
Approach Angle	20.9	25.1



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Ramp Breakover Angle	20.8	21.3
Departure Angle	24.8	25.6

<b>CREW CAB 169.5" WB 8-FT. BOX SRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	4,290 (168.9)	4,300 (169.3)
Track Width – Front	1,720 (67.7)	1,720 (67.7)
Track Width – Rear	1,704 (67.1)	1,704 (67.1)
Overall Length	6,586 (259.3)	6,586 (259.3)
Overall Width @ SgRP Front	2,009 (79.1)	2,009 (79.1)
Overall Height	1,986 (78.2)	2,022 (79.6)
Suspension or Axle to Ground – Front	185.4 (7.3)	231.1 (9.1)
Suspension or Axle to Ground – Rear	218.4 (8.6)	218.4 (8.6)
Approach Angle	21.0	25.1
Ramp Breakover Angle	19.5	19.3
Departure Angle	23.7	24.4

<b>CREW CAB 169.5" WB 8-FT. BOX DRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	4,290 (168.9)	4,300 (169.3)
Track Width – Front	1,742 (68.6)	1,765 (69.5)
Track Width – Rear	1,925 (75.8)	1,925 (75.8)
Overall Length	6,586 (259.3)	6,586 (259.3)
Overall Width @ SgRP Front	2,009 (79.1)	2,009 (79.1)
Overall Height	1,966 (77.4)	2,004 (78.9)
Suspension or Axle to Ground – Front	162.6 (6.4)	213.4 (8.4)
Suspension or Axle to Ground – Rear	200.7 (7.9)	200.7 (7.9)
Approach Angle	19.2	23.6
Ramp Breakover Angle	14.6	16.9
Departure Angle	22.9	23.6





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<b>MEGA CAB 160.5" WB 6-FT. 4-IN. BOX SRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	4,064 (160.0)	4,074 (160.4)
Track Width – Front	1,720 (67.7)	1,720 (67.7)
Track Width – Rear	1,704 (67.1)	1,704 (67.1)
Overall Length	6,309 (248.4)	6,309 (248.4)
Overall Width @ SgRP Front	2,009 (79.1)	2,009 (79.1)
Overall Height	1,989 (78.3)	2,024 (79.7)
Suspension or Axle to Ground – Front	185.4 (7.3)	231.1 (9.1)
Suspension or Axle to Ground – Rear	218.4 (8.6)	220.9 (8.7)
Approach Angle	20.9	25.1
Ramp Breakover Angle	20.1	20.1
Departure Angle	24.7	25.5

<b>MEGA CAB 160.5" WB 6-FT. 4-IN. BOX DRW</b>	<b>4x2</b>	<b>4x4</b>
Wheelbase	4,064 (160.0)	4,074 (160.4)
Track Width – Front	1,742 (68.6)	1,765 (69.5)
Track Width – Rear	1,925 (75.8)	1,925 (75.8)
Overall Length	6,309 (248.4)	6,309 (248.4)
Overall Width @ SgRP Front	2,009 (79.1)	2,009 (79.1)
Overall Height	1,969 (77.5)	2,007 (79.0)
Suspension or Axle to Ground – Front	162.6 (6.4)	213.4 (8.4)
Suspension or Axle to Ground – Rear	200.7 (7.9)	198.1 (7.8)
Approach Angle	19.1	23.6
Ramp Breakover Angle	15.2	17.6
Departure Angle	23.9	24.6

### ACCOMMODATIONS mm (in.) unless otherwise noted

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



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### Rear

Head Room	N/A	1,014 (39.9)	1,024 (40.3)
Legroom	N/A	1,023 (40.3)	1,100 (43.3)
Shoulder Room	N/A	1,669 (65.7)	1,669 (65.7)
Hip Room	N/A	1,605 (63.2)	1,605 (63.2)

### Interior Volume

Front	1,769.8 litres (62.5 cu. ft.)	1,818 litres (64.2 cu. ft.)	1,818 litres (64.2 cu. ft.)
Rear	N/A	1,730 litres (61.1 cu. ft.)	1,877 litres (66.3 cu. ft.)

