



2016 RAM 2500 HEAVY DUTY CANADIAN SPECIFICATIONS

2016 Ram 2500 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, 2WD, 4WD
Assembly Plants	Coahuila (Mexico)
EnerGuide Vehicle Class	Standard Pickup

BODY/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 hp @ 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 Compressed Natural Gas — optional
Oil Capacity	6.6 litres (7.0 qt.)
Coolant Capacity	17.30 litres (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 de-activating and eight hydraulic lifters all with 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	10.0:1
Power	410 hp @ 5,600 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 litres (7.0 qt.)
Coolant Capacity	15.75 litres (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 (two versions)

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	16.2:1
Power	350 hp @ 2,800 rpm (G56 manual transmission)
Torque	660 lb.-ft. @ 1,400 rpm
Power	370 hp @ 2,800 rpm (68RFE automatic transmission)
Torque	800 lb.-ft. @ 1,600 rpm
Maximum High-idle 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)



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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	1.00
6th	0.74
Reverse	5.42
Axle ratios	3.42

TRANSMISSION: 66RFE — AUTOMATIC SIX-SPEED

Availability	5.7-litre HEMI V8 and 6.4-litre HEMI V8
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 and 4.10

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	1.00



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5th	0.82
6th	0.63
Reverse	4.44
Axle ratios	3.42

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

Availability	Optional on 6.7-litre diesel, 6.4-litre HEMI V8 and 5.7-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

AXLES

Front (4x4)	AAM 233 mm (9.25 inch) beam front axle with centre disconnect
Rear	AAM 291 mm (11.5 inch) beam rear axle

ELECTRICAL SYSTEM

Alternator	
Rating	160-amp standard with 5.7-litre HEMI V8
Rating	180-amp included with 6.4-litre HEMI V8 and 6.7-litre diesel, optional on 5.7-litre HEMI V8
Rating	Dual (220 and 160) optional on 6.4-litre HEMI V8
Rating	Dual 220-amp optional on 6.7-litre diesel
Battery	
Description	Group 65, maintenance-free, 730 CCA on 5.7-litre HEMI V8 and 6.4-litre HEMI V8 Dual Group 65, maintenance-free, 730 CCA on 6.7-litre diesel

SUSPENSION

Model	2WD	4WD
Front	Three-link with track bar, coil springs, stabilizer bar, solid axle	Three-link with track bar, coil springs, stabilizer bar, solid axle
Rear	Five-link with track bar, coil springs, stabilizer bar, solid axle	Five-link with track bar, coil springs, stabilizer bar, solid axle (optional air bags)



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BRAKES

Front	
Size and Type	Rotors 359.9 x 39.1 (14.17 x 1.54) disc with twin-piston pin-slider caliper and ABS
Rear	
Size and Type	Rotors 357.9 x 34.0 (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

Regular Cab	6
Crew Cab	6
Mega Cab	6

STEERING

Power-assist	Hydraulic assist
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Regular Cab Pickup

Model	2WD	4WD
Box Length	8-ft.	8-ft.
Wheelbase (nominal)	3,568.7 (140.5)	3,556.0 (140.0)
Turning Diameter – m (ft.) ^(a)	13.72 (45.1)	12.68 (41.6)

Crew Cab[®] Pickup

Model	2WD	2WD	4WD	4WD
Box Length	6-ft., 4-in.	8-ft.	6-ft., 4-in.	8-ft.
Wheelbase (nominal)	3,795 (149.4)	4,303 (169.4)	3,782 (148.9)	4,290 (168.9)
Turning Diameter – m (ft.) ^(a)	14.5 (47.5)	16.2 (53.2)	13.4 (43.9)	15.0 (49.2)

Mega Cab Pickup

Model	2WD	4WD
Box Length	6-ft., 4-in.	6-ft., 4-in.
Wheelbase (nominal)	4,077 (160.5)	4,064 (160.0)
Turning Diameter – m (ft.) ^(a)	15.4 (50.67)	14.3 (46.86)

(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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Nominal Box Size	6-ft., 4-in. (Regular, Crew or Mega)	8-ft. (Regular, Crew)
Volume litres (cu. ft.)	1,628 (57.5)	2,115 (74.7)
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 (51.0)	1,295 (51.0)
Depth	511 (20.1)	513 (20.2)
Tailgate Opening Width	1,535 (60.4)	1,535 (60.4)

REGULAR CAB 140.5" WB 8-FT. BOX SRW	4x2	4x4
Wheelbase	3,569 (140.5)	3,569 (140.5)
Track Width – Front	1,742 (68.6)	1,735 (68.3)
Track Width – Rear	1,732 (68.2)	1,732 (68.2)
Overall Length	5,867 (231.0)	5,867 (231.0)
Overall Width @ SgRP Front	2,004 (78.9)	2,004 (78.9)
Overall Height	1,862 (73.3)	1,923 (75.7)
Suspension or Axle to Ground – Front	193 (7.6)	191 (7.5)
Suspension or Axle to Ground – Rear	188 (7.4)	188 (7.4)
Approach Angle (degrees)	13.2	23.0
Ramp Breakover Angle (degrees)	16.5	16.9
Departure Angle (degrees)	18.1	21.6

CREW CAB 149.5" WB 6-FT. 4-IN. BOX SRW	4x2	4x4
Wheelbase	3,797 (149.5)	3,797 (149.5)
Track Width – Front	1,742 (68.6)	1,735 (68.3)
Track Width – Rear	1,732 (68.2)	1,732 (68.2)
Overall Length	6,030 (237.4)	6,030 (237.4)
Overall Width @ SgRP Front	2,009 (79.1)	2,009 (79.1)
Overall Height	1,872 (73.7)	1,974 (77.7)
Suspension or Axle to Ground – Front	180 (7.1)	188 (7.4)
Suspension or Axle to Ground – Rear	185 (7.3)	180 (7.1)
Approach Angle (degrees)	13.4	21.8
Ramp Breakover Angle (degrees)	15.1	18.2
Departure Angle (degrees)	18.8	22.3



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CREW CAB 169.5" WB 8-FT. BOX SRW	4x2	4x4
Wheelbase	4,303 (169.4)	4,290 (168.9)
Track Width – Front	1,742 (68.6)	1,735 (68.3)
Track Width – Rear	1,732 (68.2)	1,732 (68.2)
Overall Length	6,589 (259.4)	6,589 (259.4)
Overall Width @ SgRP Front	2,009 (79.1)	2,009 (79.1)
Overall Height	1,867 (73.5)	1,971 (77.6)
Suspension or Axle to Ground – Front	180 (7.1)	185 (7.3)
Suspension or Axle to Ground – Rear	185 (7.3)	183 (7.2)
Approach Angle (degrees)	13.4	21.7
Ramp Breakover Angle (degrees)	14.1	16.5
Departure Angle (degrees)	18.0	21.4

MEGA CAB 160.5" WB 6-FT. 4-IN. BOX SRW	4x2	4x4
Wheelbase	4,077 (160.5)	4,064 (160.0)
Track Width – Front	1,742 (68.6)	1,735 (68.3)
Track Width – Rear	1,732 (68.2)	1,732 (68.2)
Overall Length	6,309 (248.4)	6,309 (248.4)
Overall Width @ SgRP Front	2,009 (79.1)	2,009 (79.1)
Overall Height	1,882 (74.1)	1,989 (78.3)
Suspension or Axle to Ground – Front	198 (7.8)	206 (8.1)
Suspension or Axle to Ground – Rear	198 (7.8)	196 (7.7)
Approach Angle (degrees)	14.0	23.9
Ramp Breakover Angle (degrees)	15.8	18.3
Departure Angle (degrees)	19.1	23.0



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ACCOMMODATIONS mm (in.) unless otherwise noted

Model			
	Regular Cab	Crew Cab	Mega Cab
Seating Capacity, F/R	3/0 or 2/0	3/3 or 2/3	3/3 or 2/3
Front			
Headroom	1,014 (39.9)	1,041 (41.0)	1,040.5 (41.0)
Legroom	1,041 (41.0)	1,041 (41.0)	1,041.4 (41.0)
Shoulder Room	1,676 (66.0)	1,676 (66.0)	1,676.4 (66.0)
Hip Room	1,599 (62.9)	1,605 (63.2)	1,605 (63.2)
Seat Travel	230 (9.0)	230 (9.0)	230 (9.0)
Recliner Range (degrees)	85 (38 RWD, 47 FWD)	56 (38 RWD, 18 FWD)	56 (38 RWD, 18 FWD)
Rear			
Headroom	N/A	1,014 (39.9)	1,024 (40.3)
Legroom	N/A	1,024 (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 – litres (cu. ft.)	1,770 (62.5)	1,818 (64.2)	1,818 (64.2)
Rear – litres (cu. ft.)	N/A	1,730 (61.1)	1,877 (66.3)

