



2013 Ram 3500, 4500 and 5500 Chassis Cab CANADIAN SPECIFICATIONS

All dimensions are in millimetres (inches) unless otherwise noted.

All dimensions are measured at curb weight with standard wheels and tires unless otherwise noted.

NOTE: Information shown is correct at time of publication and is subject to change.

Typical 2013 Ram 3500 Crew Cab Chassis Cab.

Some unique exceptions showing 4500 and 5500 complexity are included.

GENERAL INFORMATION

Vehicle Type	Chassis Cab: Regular Cab and Crew Cab
Assembly Plant	Saltillo, Mexico
Vehicle Class	Medium Heavy Duty
Introduction	2007/2008 Model Year

ENGINE: 5.7-LITRE HEMI® V8

Availability	Standard on 3500
Type and Description	Eight-cylinder, 90-degree V-type, liquid-cooled, with variable-valve timing (VVT)
Displacement — cu.cm (cu.in.)	5654 (343)
Bore x Stroke — mm (in.)	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, multi-port, electronic, returnless
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	9.6:1
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 — L (qt.)	6.6 (7.0)
Coolant Capacity — L (qt.)	17.7 (18.7)
Emission Control	Dual three-way catalytic converters, internal engine features with knock sensors



ENGINE: 6.7-LITRE CUMMINS TURBO DIESEL I-6

Availability	Optional on 3500, Standard on 4500 and 5500
Type and Description	Six-cylinder, inline, liquid-cooled, turbocharged, intercooled
Displacement — cu.cm (cu.in.)	6690 (408)
Bore x Stroke — mm (in.)	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 @ 2,900 rpm
Torque	650 lb.-ft. @ 1,600 rpm
Maximum Engine Speed	3,000 rpm
Fuel Requirement	Ultra-low sulfur diesel
Oil Capacity — L(qt.)	(Low ash req.) 11.3 (12) with filter
Coolant Capacity — L(qt.)	30.9 (32.7)
Emission Controls	Selective Catalytic Reduction (SCR)

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

Availability	Optional on 3500, Standard on 4500 and 5500
Type and Description	Six-cylinder, inline, liquid-cooled, turbocharged, intercooled
Displacement — cu.cm (cu.in.)	6690 (408)
Bore x Stroke — mm. (in.)	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 @ 2,900 rpm
Torque	750 lb.-ft. @ 1,600 rpm
Maximum Engine Speed	3,500 rpm
Fuel Requirement	Ultra-low sulfur diesel
Oil Capacity — L (qt.)	(Low ash req.) 11.3 (12) with filter
Coolant Capacity — L (qt.)	30.9 (32.7)
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

TRANSMISSION: 66RFE — AUTOMATIC SIX-SPEED

Availability	5.7-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
5 th	0.82
6 th	0.63
Reverse	4.44
Overall Top Gear	2.35 with 3.73 axle ratio; 2.58 with 4.10 axle ratio; 2.87 with 4.56 axle ratio

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
5 th	0.77
6 th	0.63
Reverse	3.54
Overall Top Gear	2.15 with 3.42 axle ratio; 2.35 with 3.73 axle ratio; 2.58 with 4.10 axle ratio



CHASSIS CAB

CANADIAN SPECIFICATIONS

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

Availability	Optional on 6.7-litre diesel 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

ELECTRICAL SYSTEM

Alternator	
Rating	160-amp standard with 5.7-litre
Rating	180-amp included with Snow Plow Prep Package standard with 6.7-litre, optional on 5.7-litre
Rating	220-amp (optional on 6.7-litre)
Rating	Dual 220-amp (optional on 6.7-litre)
Battery	
Availability	Standard — gas 3500
Description	Group 65, maintenance-free, 750 CCA
Availability	Optional — diesel 3500, standard — 4500 and 5500
Description	Dual, Group 65, maintenance-free, 750 CCA

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