



2013 Ram 2500 and 3500 Heavy Duty PRELIMINARY 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.

GENERAL INFORMATION

Vehicle Type	Regular Cab, Crew Cab and Mega Cab
Assembly Plants	Coahuila, Mexico
Vehicle Class	Standard Pickup

ENGINE: 5.7-LITRE HEMI® V8

Availability	2500 and 3500
Type and Description	Eight-cylinder, 90-degree V8, liquid-cooled with variable-valve timing (VVT)
Displacement — cu. cm (cu.in.)	5654 (345)
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	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 — L (qt.)	6.6 (7.0)
Coolant Capacity — L (qt.)	17.7 (18)
Emission Control	Three-way catalytic converters, heated oxygen sensors and internal engine features

ENGINE: 6.7-LITRE CUMMINS TURBO DIESEL I-6 (three versions)

Availability	2500 and 3500
Type and Description	Six-cylinder, inline, liquid-cooled, turbocharged, intercooled
Displacement — cu.cm (cu.in.)	6690 (408)
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



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Construction	Cast-iron block and head
Compression Ratio	16.5:1
Power (with six-speed manual)	350 bhp @ 2,800 rpm (G56 manual transmission)
Torque (with six-speed manual)	660 lb.-ft. @ 1,500 rpm
Power (with six-speed automatic)	370 bhp @ 2,800 rpm (68RFE automatic transmission)
Torque (with six-speed automatic)	800 lb.-ft. @ 1,600 rpm
Power (with six-speed AISIN automatic)	385 bhp @ 2,800 rpm (AS69RC automatic transmission)
Torque (with six-speed AISIN automatic)	850 lb.-ft. @ 1,600 rpm
Maximum High-idle Engine Speed	3,500 rpm
Fuel Requirement	Ultra low sulfur diesel
Oil Capacity — L (qt.)	11.3 (12.0) with filter
Coolant Capacity — L (qt.)	28.0 (29.5)
Emission Controls	Diesel exhaust fluid

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



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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
5 th	0.82
6 th	0.63
Reverse	4.44
Overall Top Gear	2.15 with 3.42 axle ratio; 2.35 with 3.73 axle ratio; 2.58 with 4.10 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

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



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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	Dual 220-amp (optional)
Battery	
Description	Group 65, maintenance-free, 750 CCA

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