



## 2013 RAM 2500 & 3500 HEAVY DUTY PRELIMINARY SPECIFICATIONS

*All dimensions are in inches (millimeters) 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 Truck Assembly Plant, Coahuila, Mexico
EPA Vehicle Class	Standard Pickup

### ENGINE: 5.7-LITER HEMI® V-8

Availability	2500 and 3500
Type and Description	Eight-cylinder, 90-degree V-8, liquid-cooled with variable-valve timing (VVT)
Displacement	345 cu. in. (5654 cu. cm)
Bore x Stroke	3.92 x 3.58 (99.5 x 90.9)
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 (SAE net)	383 bhp (286 kW) @ 5,600 rpm,
Torque (SAE net)	400 lb.-ft. (542 N•m) @ 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	7.0 qt. (6.6 liter)
Coolant Capacity	18 qt. (17.7 liter)
Emission Control	Three-way catalytic converters, heated oxygen sensors and internal engine features



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

Availability	2500 and 3500
Type and Description	Six-cylinder, inline, liquid-cooled, turbocharged, intercooled
Displacement	408 cu. in. (6690 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	16.5:1
Power (SAE net)	350 bhp (261 kW) @ 2,800 rpm (G56 manual transmission)
Torque (Manual SAE net)	660 lb.-ft. (881 N•m) @ 1,500 rpm
Power (SAE net)	370 bhp (276 kW) @ 2,800 rpm (68RFE automatic transmission)
Torque (Automatic SAE net)	800 lb.-ft. (1084 N•m) @ 1,600 rpm
Power (SAE net)	385 bhp (287 kW) @ 2,800 rpm (AS69RC automatic transmission)
Torque (Automatic SAE net)	850 lb.-ft. (1152 N•m) @ 1,600 rpm
Maximum High-idle Engine Speed	3,500 rpm
Fuel Requirement	Ultra low sulfur diesel
Oil Capacity	12.0 qt. (11.3 liter) with filter
Coolant Capacity	29.5 qt. (28.0 liter)
Emission Controls	Diesel exhaust fluid

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

Availability	6.7-liter 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-liter 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
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: 68RFE — AUTOMATIC SIX-SPEED**

Availability	6.7-liter 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
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-liter 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
5th	0.77
6th	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-liter diesel and 5.7-liter 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
Center Differential	None

**ELECTRICAL SYSTEM**

Alternator	
Rating	160-amp standard with 5.7-liter
Rating	180-amp included with Snow Plow Prep Package standard with 6.7-liter, optional on 5.7-liter
Rating	Dual 220-amp (optional)
Battery	
Description	Group 65, maintenance-free, 750 CCA

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