

2008 DODGE RAM 4500 & 5500 CHASSIS CABS SPECIFICATIONS CHART

GENERAL INFORMATION

Body Styles	Regular Cab and Quad Cab®
Assembly Plants	Saltillo, Mexico
EPA Vehicle Class	Heavy-Duty
Recycled plastic and rubber material content	Approximately 10%
Recycled metal content	Approximately 25%

ENGINE: 6.7-LITER CUMMINS® TURBO DIESEL

Availability	Standard – all
Type and Description	Six-cylinder, inline, liquid-cooled, turbocharged, intercooled
Displacement	408 cu. in. (6690 cu cm - 6.7L)
Bore x Stroke	4.21 in. x 4.88 in. (107 mm x 124 mm)
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 (SAE net)	305 bhp (227 kW) @ 2900 rpm (51.7 bhp/liter)
Torque (SAE net)	610 lb. ft. (827 N•m) @ 1,600 rpm
Maximum High-Idle Engine Speed	3500 rpm
Fuel Requirement	Diesel
Oil Capacity	12 qt. (11.3 L) with filter
Coolant Capacity	22.6 qt. (21.4 L)
Emission Controls	Exhaust after-treatment systems and internal engine features
Weight	1122 lbs. (w/manual trans) 1127 lbs. (w/auto trans)

GVWR

4500	Up to 16,500lbs
5500	Up to 19,500lbs

GCWR

4500/5500	
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GAWR

4500/5500 Front GAWR	7,000lbs
4500 Rear GAWR	12,000lbs
5500 Rear GAWR	13,500lbs

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TRANSMISSION: AISIN AS68RC – AUTOMATIC, SIX-SPEED OVERDRIVE

Availability	Optional
Description	One Ravigneaux® and two simple planetary gear sets, three clutch packs, two brake packs, one overrunning clutch, full electronic control with linear solenoids for all hydraulic applications
Gear Ratios	
1st	3.74
2nd	2.00
3rd	1.34
4th	1.00
5th	0.77
6th	0.63
Reverse	3.54
Overall Top Gear Ratio	2.35 with 3.73 axle ratio and 2.58 with 4.10 axle ratio
Weight	341.5 lbs. (4x2)

TRANSMISSION: G56 – MANUAL, SIX-SPEED OVERDRIVE

Availability	Standard – all
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
Overall Top Gear Ratio	2.95 with 3.73 axle 3.24 with 4.10 axle

TRANSFER CASES – NV271/NV273

Availability	NV271 – std. 4WD ST and 4WD SLT NV273 – standard 4WD Laramie, opt. 4WD SLT
Type	Part Time
Operating Modes	2WD; 4WD High, Locked; Neutral; 4WD Low, Locked
Shift Mechanism	NV271 – manual, NV273 – electric
Low-Range Ratio	2.72
Center Differential	None
Weight	130 lbs. (all)