

3500 CHASSIS CAB VEHICLE SPECIFICATIONS

09/2015

3500 Ram Chassis Cab						
		4x2			4x4	
Engine		5.7L Hemi V8	6.7L TO Cummins	6ALV8	5.7L Hemi V8	6.7L TO Cummins 6.4L V8
Transmission		6 Speed Auto 66RFE	6-Speed Auto Aisin AS69RC 6-Speed Manual G56 Diesel Only		6 Speed Auto 66RFE	6-Speed Auto Aisin AS69RC 6-Speed Manual G56 Diesel Only
Clutch		318mm			318mm	
Frame Side Rail Dimensions (in) Height x Thickness	Front Outer	7.44 x 0.165			7.44 x 0.165	
	Front Center	N/A			N/A	
	Knockup	14.13 x 0.224			14.13 x 0.224	
	Rear	6.12 x 0.224			6.12 x 0.224	
Frame Section Modulus		N/A			0.224 N/A	
Axle, Front Capacity (lb)		5,500 gas	6,000 diesel		5,500 gas	6,000 diesel
Axle, Rear Capacity (lb)		SRW = 6800, DRW = 9850			SRW = 6800, DRW = 9850	
Axle, Ratio 1		3.42/3.73/4.10 / 4.44			3.42 / 3.73/4.10 / 4.44	
Brakes, Hydraulic Front		14.17x1.39 Disc (313.2 in2)			14.17x1.39 Disc (313.2 in2)	
Brakes, Hydraulic Rear		14.09x1.18 Disc (309.6 in2)			14.09x1.18 Disc (309.6 in2)	
Booster		Hydroboost Standard			Hydroboost Standard	
Fuel Tank Galbns		52gal, 22 OPT.			52gal, 22 OPT.	
Steering		RCB Power Steering			RCB Power Steering	
Transfer Case - Standard					2-Speed Man Shift NV271 Part Time®	
- Optional					2-Speed Elec Shift NV273 Part Time®	
Tire Sizes	Standard	LT265170R 17E SRW LT? <:/ROR 17F nRW			LT265170R 17E SRW LT? <:/ROR 17F nRW	
	ttax Avail	LT265170R 17E SRW LT235/80R 17E DRW			LT265170R 17E SRW LT235/80R 17E DRW	
Wheels, Type (in)		S.hole disk 17x7.5 in SRW			S.hole disk 17x7.5 in SRW	

* - Transfer cases move to Borg Warner 46 (Electric) & 47 (Manual) in January 2012

5500 CHASSIS CAB VEHICLE SPECIFICATIONS

09/2015

5500 Ram Chassis Cab				
		4x2		4x4
Engine		6.7L TO Cummins	64L V8	6.7L TO Cummins 64L V8
Transmission		Std 6-Spd Manual- G56 Diesel		6-Spd Manual- G56 Diesel
		Opt 6-Spd Automatic - AS69RC		6-Spd Automatic - AS69RC
Clutch		12.5		12.5
Frame Side Rail Dimensions (in) x Thickness		Front Outer	8.50x 0.244	
		Front Center Height	N/A	
		Kickup	4.28 x 0.3-03	
		Rear	6.27 x 0.303	
Frame Section Modulus		N/A		N/A
Axle, Front Capacity (lb)		7000 lbs.		7000 bs.
Axle, Rear Capacity (lb)		12s- DRW - 13500 bs.		12s DRW - 13500 bs.
A.xle, Ratio to 1		4.10 / 4.44 / 4.88		
Brakes, Hydraulic		15.35* x 1.54* (361.6 in ²)		15.35* x 1.54* (361.6 in ²)
Brakes, Hydraulic		15.35* x 1.54* (361.6 in ²)		15.35* x 1.54* (361.6 in ²)
Booster		Hydroboost Standard		Hydroboost Standard
Fuel Tank Gallons		52 gal/220PT		52 gal 220PT
Steering		RCB Power Steering		RCB Power Steering
Transfer Case - Standard		N/A		2-Speed Man Shift BW 44-47
- Optional		N/A		2-Speed Elec Shift BW 44-47
Tire Sizes		225170R 19.5		
Wheels, Type (in)		195X6.0X5.35		
* - Transfer cases move to Borg Warner 4446 (Electric) & 4447 (Manual) in January 2012				

3500 Ram Chassis Cab			
Engine	Transmission	HP	Torque
5.7L Hemi	6 Spd. Auto 66RFE	383HP	400 b-ft
6.4L VS	6 Spd. RFE	429HP	410 b-ft
	6 Spd. Aisin S69RC HD	429HP	370 b-ft
6.7L Diesel	6 Spd. Man G56	320 HP	650 b-ft
6.7L Diesel	6 Spd. Auto Aisin AS69RC HD	325 HP	750 b-ft
4500/5500 Ram Chassis Cab			
Engine	Transmission	HP	Torque
6.4L VS	6 Spd. Auto Aisin AS69RC HD 6	429HP	370 b-ft
6.7L Diesel	Spd. Man G56	320 HP	650 b-ft
6.7L Diesel	6 Spd. Auto Aisin AS69RC HD	325 HP	750 b-ft

Ram 3500 Fluid capacity and type

	Fluid capacity	Type
Cummins 6.7L Diesel Engine Oil API CJ-4 certified	12 quarts	(A) 15W-40 0°F(-18°C) →Warmer (B) *5W-40 Synthetic Below 0°F (-18°C) →Warmer * Synthetic Required Below 0°F(-18°C)
Coolant	7.3 Gallons	5year 100,000 mile HOAT (Hybrid Organic Additive Technology)
Aisin Automatic Transmission	24 Quarts	Mopar AS68RC or Mobil ATF3309
G56 Manual Transmission	5 Quarts	ATF+4
A/C Refrigerant	1.873 lbs	R134-A
A/C Oil Total	7 oz	PAG
AAM 9.25 Front Axle	2.0L	75W-90
AAM 11.5 Rear Axle	4.0L	75W-90
Power Steering	2 Quarts	ATF+4
Transfer Case	2 Quarts	ATF+4

Ram 4500/5500 Fluid capacity and type

	Fluid capacity	Type
Cummins 6.7L Diesel Engine Oil API CJ-4 certified	12 quarts	(A) 15W-40 0°F(-18°C) →Warmer (B) *5W-40 Synthetic Below 0°F (-18°C) →Warmer * Synthetic Required Below 0°F(-18°C)
Coolant	7.3 Gallons	5year 100,000 mile HOAT (Hybrid Organic Additive Technology)
Aisin Automatic Transmission	24 Quarts	Mopar AS68RC or Mobil ATF3309
G56 Manual Transmission	5 Quarts	ATF+4
A/C Refrigerant	1.873 lbs	R134-A
A/C Oil Total	7 oz	PAG
Magna Front Axle	10.77 pints	GL5 SAE 75W-90 Synthetic
Dana Rear Axle	4.9 Quarts	GL5 SAE 75W-90 Synthetic
Power Steering	2 Quarts	ATF+4
Transfer Case	2 Quarts	ATF+4