

GMC News

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2015 GMC SIERRA 3500HD SPECIFICATIONS

Overview

Models:	3500HD regular cab with 8' box, 2WD & 4WD 3500HD double cab with 8' box, 2WD & 4WD 3500HD crew cab with 6' 6" box, 2WD & 4WD 3500HD crew cab with 8' box, 2WD & 4WD
Body style / driveline:	2-3 passenger regular cab or 5-6 passenger extended cab, 5-6-passenger crew cab 1-ton; 2- and 4-wheel-drive heavy-duty pickup
Construction:	body on frame
EPA vehicle class:	full-size truck
Manufacturing location:	Flint, Mich., Ft. Wayne, Ind.
Key competitors:	Ford Super Duty Series pickup, Ram heavy-duty pickup

Engines

	Vortec 6.0L V-8 (L96 / LC8)	Duramax 6.6L Turbo-Diesel V-8 (LML)
Type:	6.0L V-8	6.6L V-8
Displacement (cu in / cc):	364 / 5967	403 / 6599
Bore & stroke (in / mm):	4.00 x 3.62 / 101.6 x 92	4.05 x 3.89 / 103 x 99
Block material:	cast iron	cast iron
Cylinder head material:	cast aluminum	cast aluminum
Valvetrain:	overhead valve, two valves per cylinder, variable valve timing	overhead valve, four valves per cylinder
Ignition system:	coil-near-plug, platinum-tipped spark plugs, low-resistance spark plug wires	compression, glow plug start aid
Fuel delivery:	sequential fuel injection	direct injection diesel with high pressure common rail
Compression ratio:	9.6:1	16.0:1
Horsepower (hp / kW @ rpm):	360 / 268 @ 5400 (L96 / LC8 w/ gas)* 301 / 225 @ 5000 (LC8 w/ CNG)*	397 / 296 @ 3000
Torque (lb-ft / Nm @ rpm):	380 / 515 @ 4200 (L96 / LC8 w/ gas) 333 / 452 @ 4200 (LC8 w/ CNG)*	765 / 1037 @ 1600
Recommended fuel:	regular unleaded (L96) regular unleaded or CNG (LC8)*	diesel or B20
Maximum engine speed (rpm):	6000	3450 (powered) 4800 (braking)
Emissions controls:	three-way catalytic converter, positive crankcase ventilation, evaporative collection system	cooled exhaust gas recirculation (EGR), EGR cooling-bypass system, diesel particulate filter system (DPF), selective catalyst reduction (SCR)

*SAE certified.

Transmissions

	Hydra-Matic 6L90	Allison 1000
Type:	six-speed automatic (with 6.0L)	six-speed automatic (with Duramax 6.6L)
Gear ratios (:1):		
First:	4.03	3.10
Second:	2.36	1.81
Third:	1.53	1.41
Fourth:	1.15	1.00
Fifth:	0.85	0.71
Sixth:	0.67	0.61
Reverse:	3.06	4.49

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Final drive ratio:	4.10 or 3.73	3.73
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Chassis / Suspension

Front:	long- and short-arm independent front torsion bar suspension
Rear:	semi-elliptic three-stage multi-leaf spring
Steering type:	integral power-assisted recirculating ball
Steering ratio:	16:1
Steering wheel turns, lock-to-lock:	3.57

Turning Circle

	Regular Cab 8' Box	Double Cab 8' box	Crew Cab 6' 6" Box	Crew Cab 8' Box
Turning circle, curb-to-curb (ft / m):	SRW: 45.9 / 14 DRW: 45.9 / 14	SRW: 53.1 / 16.2 DRW: 52.8 / 16.1	SRW: 51.8 / 15.8 DRW: N/A	SRW: 56.1 / 17.1 DRW: 55.7 / 17

Brakes

Type:	power-assisted, Hydroboost brake-apply system, four-wheel disc, four-wheel ABS
Rotor diameter x thickness (in / mm):	front: 13.98 x 1.57 / 355 x 40 rear (w/ SRW): 14.7 x 1.34 / 373 x 34 rear (w/ DRW): 13.98 x 1.57 / 355 x 40
Total swept area (sq in / sq cm):	front: 277.6 / 1791 rear (w/ SRW): 282 / 1819 rear (w/ DRW): 277.6 / 1791

Wheels / Tires

Wheel size and type:	17-in steel 17-in forged polished aluminum 18-in steel 18-in forged polished aluminum
Tire size:	LT235/80R17 all-season blackwall LT235/80R17 all-terrain blackwall LT265/70R18 all-season blackwall LT265/70R18 all-terrain blackwall

Dimensions

Exterior

	Regular Cab 8' Box	Double Cab 8' Box	Crew Cab 6' 6" Box	Crew Cab 8' Box
Wheelbase (in / mm):	133.6 / 3393	158.1 / 4017	153.7 / 3904	167.6 / 4259
Overall length (in / mm):	224.3 / 5699	248.8 / 6321	239.4 / 6083	258.3 / 6563
Overall width (in / mm):	80.1 / 2035 – SRW 96 / 2438 – DRW	80.5 / 2045 – SRW 96 / 2438 – DRW	80.5 / 2045 – SRW N/A – DRW	80.5 / 2045 – SRW 96 / 2438 – DRW
Overall height – 2WD (in / mm):	77.8 / 1977 – SRW 77.3 / 1965 – DRW	78 / 1981 – SRW 77.6 / 1972 – DRW	78.3 / 1990 – SRW N/A – DRW	77.9 / 1979 – SRW 77.8 / 1976 – DRW
Overall height – 4WD (in / mm):	77.9 / 1979 – SRW 77.4 / 1967 – DRW	77.9 / 1980 – SRW 77.6 / 1972 – DRW	78.1 / 1985 – SRW N/A – DRW	78.1 / 1983 – SRW 77.7 / 1975 – DRW
Track – front (in / mm):	68.8 / 1748	68.8 / 1748	68.8 / 1748	68.8 / 1748
Track – rear w/single rear wheels (in / mm):	67.3 / 1709	67.3 / 1709	67.3 / 1709	67.3 / 1709
Track – rear w/dual rear wheels (in / mm):	75 / 1906	75 / 1906	75 / 1906	75 / 1906
Min. ground clearance – 2WD w/ SRW (in / mm):	front: 10 / 255 rear: 8.6 / 229	front: 10 / 256 rear: 8.7 / 221	front: 10 / 256 rear: 8.6 / 218	front: 10 / 255 rear: 8.3 / 214
Min. ground clearance –	front: 9.9 / 252	front: 9.9 / 253	N / A	front: 10 / 254

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2WD w/ DRW (in / mm):	rear: 8.0 / 204	rear: 8.4 / 213		rear: 8.2 / 210
Min. ground clearance – 4WD w/ SRW (in / mm):	front: 9.9 / 252 rear: 8.6 / 220	front: 10 / 255 rear: 8.7 / 223	front: 9.9 / 252 rear: 8.4 / 214	front: 10 / 256 rear: 8.6 / 218
Min. ground clearance – 4WD w/ DRW (in / mm):	front: 9.8 / 250 rear: 8.0 / 205	front: 9.9 / 252 rear: 8.4 / 215	N / A	front: 9.9 / 253 rear: 8.2 / 210
Step-in height (in / mm):	26 / 660	25.8 / 655	25.2 / 642	25.4 / 647

Cargo box

	6' 6" box	8' box
Cargo volume (cu ft / L):	61 / 1728	76.3 / 2162
Length at floor (in / mm):	78.9 / 2003	97.8 / 2483
Width at floor (in / mm):	64.9 / 1642	64.6 / 1642
Width between wheelhousings (in / mm):	51 / 1296	51 / 1296
Tailgate width (in / mm):	62.2 / 1579	62.2 / 1579
Inside height (in / mm):	21.1 / 536	21.1 / 536

Interior

	Regular Cab	Double Cab	Crew Cab
Headroom (in / mm):	42.8 / 1087	front: 42.8 / 1087 rear: 38.7 / 982	front: 42.8 / 1087 rear: 40.5 / 1029
Legroom (in / mm):	45.3 / 1150	front: 45.2 / 1150 rear: 34.6 / 880	front: 45.3 / 1150 rear: 40.9 / 1040
Shoulder room (in / mm):	66 / 1677	front: 64.8 / 1647 rear: 64.3 / 1634	front: 64.8 / 1647 rear: 64.3 / 1634
Hip room (in / mm):	60.7 / 1543	front: 60.7 / 1543 rear: 60.2 / 1530	front: 60.7 / 1543 rear: 60.2 / 1530

Capacities

	Regular Cab	Double Cab	Crew Cab
Seating:	2 / 3	5 / 6	5 / 6
Fuel tank (gal / L):	36 / 136	36 / 136	36 / 136
Engine oil (qt / L):	6.0L: 6.0 / 5.7 6.6L: 10 / 9.5	6.0L: 6.0 / 5.7 6.6L: 10 / 9.5	6.0L: 6.0 / 5.7 6.6L: 10 / 9.5
Cooling system (qt / L):	6.0L: 16.4 / 15.5 6.6L: 25.4 / 24	6.0L: 16.4 / 15.5 6.6L: 25.4 / 24	6.0L: 16.4 / 15.5 6.6L: 25.4 / 24

Weight and payload (maximum ratings)

	GVWR (lb / kg)	Curb Weight (lb / kg)	Payload (lb / kg)
Reg cab, 8' box (2WD) with single rear wheels:	6.0L: 10400 / 4717 6.6L: N/A	6.0L: 5958 / 2702 6.6L: N/A	6.0L: 4682 / 2124 6.6L: N/A
Reg cab, 8' box (2WD) with dual rear wheels:	6.0L: 13500 / 6123 6.6L: N/A	6.0L: 6295 / 2855 6.6L: N/A	6.0L: 7374 / 3345 6.6L: N/A
Reg cab, 8' box (4WD) with single rear wheels:	6.0L: 10700 / 4853 6.6L: 11400 / 5171	6.0L: 6281 / 2849 6.6L: 7041 / 3193	6.0L: 4660 / 2114 6.6L: 4600 / 2087
Reg cab, 8' box (4WD) with dual rear wheels:	6.0L: 13400 / 6078 6.6L: 13025 / 5908	6.0L: 6617 / 3001 6.6L: 7377 / 3346	6.0L: 6952 / 3153 6.6L: 5817 / 2639
Double cab, 8' box (2WD) with single rear wheels:	6.0L: 10700 / 4853 6.6L: 11200 / 5080	6.0L: 6404 / 2904 6.6L: 7164 / 3249	6.0L: 4593 / 2083 6.6L: 4333 / 1965
Double cab, 8' box (2WD) with dual rear wheels:	6.0L: 13025 / 5908 6.6L: 13025 / 5908	6.0L: 6737 / 3055 6.6L: 7497 / 3400	6.0L: 6450 / 2926 6.6L: 5690 / 2581
Double cab, 8' box (4WD) with single rear wheels:	6.0L: 11000 / 4990 6.6L: 11600 / 5262	6.0L: 6680 / 3030 6.6L: 7440 / 3374	6.0L: 4617 / 2094 6.6L: 4457 / 2022
Double cab, 8' box (4WD) with dual rear wheels:	6.0L: 13025 / 5908 6.6L: 13025 / 5908	6.0L: 7017 / 3183 6.6L: 7777 / 3527	6.0L: 6170 / 2799 6.6L: 5410 / 2454

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Crew cab, 6'6" box (2WD) with single rear wheels:	6.0L: 10500 / 4763 6.6L: 11100 / 5035	6.0L: 6427 / 2915 6.6L: 7187 / 3260	6.0L: 4319 / 1959 6.6L: 4159 / 1886
Crew cab, 6'6" box (4WD) with single rear wheels:	6.0L: 10800 / 4899 6.6L: 11500 / 5216	6.0L: 6695 / 3037 6.6L: 7455 / 3381	6.0L: 4324 / 1961 6.6L: 4264 / 1934
Crew cab, 8' box (2WD) with single rear wheels:	6.0L: 10700 / 4853 6.6L: 11400 / 5171	6.0L: 6554 / 2973 6.6L: 7314 / 3317	6.0L: 4387 / 1990 6.6L: 4327 / 1963
Crew cab, 8' box (2WD) with dual rear wheels:	6.0L: 13025 / 5908 6.6L: 13025 / 5908	6.0L: 6886 / 3123 6.6L: 7646 / 3468	6.0L: 6308 / 2861 6.6L: 5548 / 2517
Crew cab, 8' box (4WD) with single rear wheels:	6.0L: 11000 / 4990 6.6L: 11600 / 5262	6.0L: 6892 / 3126 6.6L: 7652 / 3481	6.0L: 4348 / 1972 6.6L: 4188 / 1900
Crew cab, 8' box (4WD) with dual rear wheels:	6.0L: 13025 / 5908 6.6L: 13025 / 5908	6.0L: 7229 / 3279 6.6L: 7989 / 3623	6.0L: 5965 / 2706 6.6L: 5205 / 2361

Trailer (maximum ratings)

	Trailer towing maximum with ball hitch (lb / kg)	Trailer towing maximum with fifth-wheel or gooseneck hitch (lb / kg)
Regular cab, 8' box with single rear wheels:	2WD w/ 6.0L (4.10 axle): 13000 / 5897 4WD w/ 6.0L (4.10 axle): 13000 / 5897 4WD w/ 6.6L (3.73 axle): 13000 / 5897	2WD w/ 6.0L (4.10 axle): 14600 / 6622 4WD w/ 6.0L (4.10 axle): 14300 / 6486 4WD w/ 6.6L (3.73 axle): 17500 / 7938
Regular cab, 8' box with dual rear wheels:	2WD w/ 6.0L (4.10 axle): 14200 / 6441 4WD w/ 6.0L (4.10 axle): 13900 / 6305 4WD w/ 6.6L (3.73 axle): 16000 / 7257	2WD w/ 6.0L (4.10 axle): 14200 / 6441 4WD w/ 6.0L (4.10 axle): 13900 / 6305 4WD w/ 6.6L (3.73 axle): 23200 / 10523
Double cab, 8' box with single rear wheels:	2WD w/ 6.0L (4.10 axle): 13000 / 5897 2WD w/ 6.6L (3.73 axle): 13000 / 5897 4WD w/ 6.0L (4.10 axle): 13000 / 5897 4WD w/ 6.6L (3.73 axle): 13000 / 5897	2WD w/ 6.0L (4.10 axle): 14200 / 6441 2WD w/ 6.6L (3.73 axle): 17500 / 7938 4WD w/ 6.0L (4.10 axle): 13900 / 6305 4WD w/ 6.6L (3.73 axle): 17200 / 7802
Double cab, 8' box with dual rear wheels:	2WD w/ 6.0L (4.10 axle): 13800 / 6260 2WD w/ 6.6L (3.73 axle): 16500 / 7484 4WD w/ 6.0L (3.73 axle): 13500 / 6123 4WD w/ 6.6L (3.73 axle): 18000 / 8165	2WD w/ 6.0L (4.10 axle): 13800 / 6260 2WD w/ 6.6L (3.73 axle): 23000 / 10433 4WD w/ 6.0L (3.73 axle): 13500 / 6123 4WD w/ 6.6L (3.73 axle): 22800 / 10342
Crew cab, 6' 6" box with single rear wheels:	2WD w/ 6.0L (4.10 axle): 13000 / 5897 2WD w/ 6.6L (3.73 axle): 13000 / 5897 4WD w/ 6.0L (4.10 axle): 13000 / 5897 4WD w/ 6.6L (3.73 axle): 13000 / 5897	2WD w/ 6.0L (4.10 axle): 14100 / 6396 2WD w/ 6.6L (3.73 axle): 17400 / 7893 4WD w/ 6.0L (4.10 axle): 13900 / 6305 4WD w/ 6.6L (3.73 axle): 17100 / 7756
Crew cab, 8' box with single rear wheels:	2WD w/ 6.0L (4.10 axle): 13000 / 5897 2WD w/ 6.6L (3.73 axle): 13000 / 5897 4WD w/ 6.0L (4.10 axle): 13000 / 5897 4WD w/ 6.6L (3.73 axle): 15000 / 6804	2WD w/ 6.0L (4.10 axle): 14000 / 6350 2WD w/ 6.6L (3.73 axle): 17300 / 7847 4WD w/ 6.0L (4.10 axle): 13700 / 6214 4WD w/ 6.6L (3.73 axle): 16900 / 7665
Crew cab, 8' box with dual rear wheels:	2WD w/ 6.0L (4.10 axle): 13700 / 6214 2WD w/ 6.6L (3.73 axle): 16500 / 7484 4WD w/ 6.0L (4.10 axle): 13300 / 6033 4WD w/ 6.6L (3.73 axle): 19600 / 8890	2WD w/ 6.0L (4.10 axle): 13700 / 6214 2WD w/ 6.6L (3.73 axle): 22900 / 10387 4WD w/ 6.0L (4.10 axle): 13300 / 6033 4WD w/ 6.6L (3.73 axle): 22600 / 10251

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