

2004



Kodiak

C4500/C5500

New For 2004

- In-wheel rear parking brake available
- Transynd Synthetic Automatic Transmission Fluid available
- Back-up alarm available
- Expanded GVWR's available for C5500: 22,000 – 24,000 – 26,000 lbs
- New 40-gallon and 60-gallon fuel tanks with LH fill now available
- Cruise control requires tilt steering
- Driver's airbag requires cruise control
- New option for Air Conditioning Not Desired

Models

1-3 Passenger, Regular
 1-6 Passenger, Crew Cab
 Motorhome Cutaway Chassis Cab
 Commercial Cutaway Chassis Cab
 School Bus Chassis

EPA Size class

Class 4 (C4500)
 Class 5 (C5500)
 Class 5 (C5500 HD)

GVWR¹

16,000 lbs
 17,500 lbs
 18,000 lbs
 19,500 lbs
 22,000 lbs
 25,950 lbs

Drivetrain layout

Front-engine, Rear-wheel drive

¹ When properly equipped; includes weight of vehicle, passengers, cargo, and equipment.



Model shown may be equipped with available equipment from independent supplier.

Chassis

Suspension, front	I-beam axle (6,250 and 7,000 lb. w/C4500, 7,000 lb. and 8,000 lb. w/C5500), single-stage parabolic tapered-leaf springs with 34mm square-tube stabilizer bar and 35mm shock absorbers
Suspension, rear	Full-floating axle (11,000 and 13,500 lb. w/C4500, 13,500-15,000-19,000-lb. w/C5500), multi-leaf springs, taperleaf springs and 35mm shock absorbers, 44.5mm stabilizer bar
Steering type	ZF S-2 recirculating ball, integral power
Ratio	Variable, 16.1:1 to 19.6:1
Turning diameter (ft.)	As low as 38.6 (Regular Cab) or as low as 47.0 (Crew Cab)
Brakes, front	Hydraulic, 15 in. discs, four-channel ABS, EBD
Brakes, rear	Hydraulic, 15 in. discs, four-channel ABS, EBD (opt. brake-controlled traction control system)
Wheels	Hub-piloted steel, 8-hole, 19.5 in. x 6 in. (opt. 19.5 in. x 6.75 in. size in steel and aluminum)
Tires	225/70R19.5F, with choice of premium highway, traction or all-season tread design

Dimensions/Capacities

	Regular Cab	Crew Cab
Wheelbase (in.)	128	194
Length (in.)	205.5	315.3
Width (in.)	95.8 (114.9 with mirrors)	95.8 (114.9 with mirrors)
Height (in.)	90.6	91.2
Frame width (in.)	33.5	33.5
Frame, yield strength (psi)	80,000	80,000
Track f/r (in.)	79.6/73.1	79.6/73.1
Head room (min. head clearance)	4.6	4.6
Leg room f/r (in.)	39.9/39.4	39.9/39.4
Shoulder room f/r (in.)	68.8/67.4	68.8/67.4
Mirror, surface area (sq. in.)	120 (outside mounted only)	120 (outside mounted only)
Ground clearance (in.)	8.4	8.3
Approach/departure angle (deg.)	28.1/23.0	28.1/19.9
Step-in height (in.)	19	19
GVWR (lbs.)	16,000, 17,500 (C4500) 18,000, 19,500, 22,000, 25,950 (C5500)	17,500 (C4500) 18,000, 19,500, 22,000, 25,950 (C5500)
GCWR (lbs.)	24,000-26,000 (C4500) / 26,000 (C5500)	24,000-26,000 (C4500) / 26,000 (C5500)
Fuel capacity (gal.)	Std. 25 gal. midship Opt. 40 gal. (single, behind rear axle) with LH fill only Opt. 40 gal. single behind rear axle with LH/RH fill and 2 auxiliary fuel ports Opt. 40 gal. dual tank; 25 gal. mid and 15 gal. aft of rear axle Opt. 60 gal. single behind rear axle	Std. 40 gal. single, behind rear axle with LH fill only Opt. 25 gal. midship Opt. 40 gal. single behind rear axle with LH/RH fill and 2 aux fuel ports Opt. 40 gal. dual tank; 25 gal. mid and 15 gal. aft of rear axle with LH fill Opt. 60 gal. single behind rear axle with LH/RH fill and 2 aux. fuel ports

Available Exterior Colors*

Black

Bright Blue
Metallic

Dark Green
Metallic

Indigo Blue
Metallic

Summit White

Tan

Tangier Orange

Victory Red

Wheatland Yellow

Woodland Green

* Colors may not be available on all models. Actual colors may vary.

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Chevrolet Kodiak

C4500/C5500

Wheelbase and Frame Dimensions (in.)

	Wheelbase	Cab to Axle	Cab to End of Frame
Conventional	128	60	100
Cab Chassis	152	84	146
	176	108	178
	188	120	204
	194	126	210
	206	138	222
	224*	156	240
Crew Cab	169	60	121
	194	84	147
	217	108	192
	229	120	204
	235	126	210
Motor Home	165.5	100	184
Cutaway	183.5	118	218
	195.5	130	246
	213.5	148	264
	221.5*	156	284
Commercial	165.5	100	171
Cutaway	183.5	118	202
	195.5	130	214
	221.5*	156	240
School Bus	165.5	100	189
Cutaway	183.5	118	207
	195.5	130	219
	220*	155	261
	233*	168	274
	246*	181	287
	259*	194	300

* Available only with extended GVWRs in C5500 (22,000-24,000-26,000 lbs)

Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.



Powertrain

Engine type	Vortec 8100 (L18) OHV gas V8, cast-iron block and heads	Duramax 6600 (LB7), OHV diesel V8, cast-iron block, aluminum heads
Bore x stroke (in./mm)	4.25 x 4.37/107.95 x 111	4.06 x 3.90/103 x 99
Displacement (cu. in./cc)	496/8198	403/6599
Compression ratio	9.1:1	17.5:1
Valve gear	OHV, 2 valves per cylinder	OHV, 4 valves per cylinder
Fuel induction	Sequential Fuel Injection (coil-near-plug)	Turbocharged, intercooled Direct Injection via high-pressure common rail
SAE horsepower (hp @ rpm)	225 @ 3600 325 @ 4000	210 @ 2750 300 @ 3000
SAE torque (lb-ft @ rpm)	350 @ 1200 450 @ 2800	520 @ 1800
Transmission type	ZF S6-650 (M50) 6-speed manual	Allison 1000 (M74) 5-speed automatic
Gear ratios		
1st	5.79	3.1
2nd	3.31	1.81
3rd	2.1	1.41
4th	1.31	1
5th	1	0.71
6th	0.76	N/A
Reverse	5.23	4.49
Final drive (axle) ratio	5.13	4.88/5.13
Max. engine speed (rpm)	4200	3250
Electrical	Single battery (600 CCA), 105-amp alternator	Dual 1110 series battery (1500 CCA), 105-amp alternator
Recommended fuel	87 octane, unleaded (minimum)	No. 2 diesel

Notes: Fuel tanks mounted behind the rear axle (40 and 60 gallon) may preclude some body applications. For example, the 152" wheelbase with 84" CA (EG9) can accommodate a 10ft body with the (NK1) 25 gallon tank or the (NG6) 25 and 15 gallon tank combination. With the (N23) 40 gallon aft axle tank, the minimum body length is 12 ft. If you need assistance specing a truck, call the GM Medium Duty Business Center at 1-800-MEDIUMD.



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