



2007 GMC Sierra Denali

The Good ☺ A refined truck that can work at the job site and be comfortable to drive to the every day. The Builder's truck.

The Bad ☹ Needs much better fuel economy. Hydrogen injection would solve all its problems.

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GMC SIERRA 1500 & SIERRA DENALI

New for 2008

- Dealer-installed 22-inch wheels
- XM Satellite Radio standard on all models
- Power-adjustable driver seat available with bench seat on regular cab
- Integrated trailer brake controller
- Sierra All Terrain
- New exterior colors: Dark Crimson Metallic and Sonoma Red Metallic

Model Lineup

	Engines					Transmissions		
	Vortec 4.3L V-6 (LU3)	Vortec 4.8L V-8 (LY2)	Vortec 5.3L V-8 (LY5, LM6, LH6, LC9)	Vortec 6.0L V-8 (L76)	Vortec 6.2L V-8 (L92)	4-spd auto (Hydra-Matic 4L60)	4-spd auto (Hydra-Matic 4L70)	6-spd auto (Hydra-Matic 6L80)
Work Truck (1SA)	s 1	o 2	o LY5 3 LM6/LC9 4 LH6 5	-	-	s	-	-
Crew Cab SL (2SA)	-	s	-	-	-	s	-	-
All models w/ SLE1 (3SA)	-	s 6	o LY5 3 LM6/LC9 4 LH6 5	o 7	-	s	o	-
Ext. Cab &	-	-	s LY5 3	o 7	-	s	o	-

Crew Cab w/ SLE2 (3SB)			LM6/LC9 4 LH6 5					
Ext. Cab & Crew Cab w/ SLT (4SA)	-	-	s LY5 3 LM6/LC9 4 LH6 5	o 7	-	s	o	-
Sierra Denali Crew Cab	-	-	-	-	s	-	-	s



- 1 avail. only with reg. cab models, 2WD ext. cab std. box and 2WD ext. cab short box
- 2 std. on crew cab, 4WD ext. cab std. box and 4WD ext. cab short box and; not avail. on reg. cab models
- 3 not avail. on 4WD crew cab; std. on ext. cab. long box
- 4 requires 4WD crew cab
- 5 not avail. on 4WD crew cab
- 6 not avail. on ext. cab long box
- 7 not avail. on reg. cab or ext. cab long box

Key:

Standard s
 Optional o
 Not available -

2008 GMC SIERRA DEFINES PROFESSIONAL GRADE TRUCKS

The '08 Sierra lineup is built on a platform that was introduced last year. It supports the strongest, most capable Sierra lineup in history, with segment-leading fuel economy, capability and power - as well as agile ride and handling and an exceptionally quiet interior.

Sierra 1500 is available in several trim packages, including Work Truck, SL (crew cab only), SLE (SLE1 and SLE2 models) and SLT, along with 2WD and 4WD configurations. Three cab styles - regular, extended and crew cab - and three cargo box lengths - 5 foot 8 inches, 6 foot 6 inches and 8 foot - are offered.

The unique Sierra Denali, a truck that fuses performance and unmatched luxury, also returns for 2008. It is a distinct model, with differentiated, exclusive features that elevate its performance and design, such as an exclusive 6.2L all-aluminum V-8 engine with variable valve timing and a six-speed automatic transmission.

Because the Sierra was all-new in 2007, changes for '08 are comparatively minor, enhancing Sierra's style and range of models. They include standard XM Satellite Radio on all models, availability of a power-adjustable driver's seat on regular cab models with a bench seat and two new exterior colors: Dark Crimson Metallic and Sonoma Red Metallic. Customers can now order a set of new, 22-inch bright-finish aluminum wheels and complementing tires for their Sierra 1500, available as a dealer-installed option.

Also new for '08 is an integrated trailer brake controller on light-duty

models. It is available on extended cab and crew cab models. Previously available only heavy-duty models, it is integrated with the ABS system and provides immediate and measured brake force signaling to electric-controlled trailer brake systems. There is no requirement for external and/or aftermarket brake control systems. The brake controller switch is conveniently mounted on the lower-left section of the instrument panel.

Later in the 2008 model year, the Sierra All Terrain will bow. This special model is based on the popular Z71 Off Road package and offers a distinctive, eye-catching combination of style and refinement. It is outfitted with special shocks, unique interior and exterior design cues, 18-inch chrome wheels and more (see Sierra All Terrain section below).

Sierra design

The 2008 GMC Sierra is designed with a strong and refined appearance befitting the brand's professional grade philosophy, including muscular character lines and rounded edges. The front-end appearance, front fenders, hood and rear fenders are unique. A 'center-focused' hood, which flows outward to meet the front fenders and stamped-in rear wheel flares enhance the muscular look.

All models except the fleet-oriented work truck model come with a distinctive chrome hood molding. Sierra's grille is complemented by large, jeweled-appearance headlamps. Sierra SLT models come with a chrome front bumper with a body-color top cap. All door handles feature large, grab-style designs that are easy to open with gloves.

A family of 17- and 20-inch factory-installed wheels and tires is available throughout the Sierra range, with Sierra Denali offering unique wheels (see Sierra Denali section below). New for 2008 is a set of bright-finish 22-inch wheels, which is available as a dealer-installed option.

Spacious, refined interior

Sierra models are more spacious with increased storage space, as well as flush surfaces, tight gaps and tolerances, and improved comfort and convenience. Sierra Work Truck and SLE come with a 'pure pickup' interior that features larger controls and door handles that are easier to use with gloves. SLE1 models on regular, extended and crew cabs are equipped with a new 40/20/40-split front bench seat, which features a fold-down armrest and storage compartment.

A large-capacity 'double' glove box is integrated into the instrument panel on work truck and SLE models. Cloth seats are standard on SLE models and available on Work Trucks; leather seating is available on SLE models. SLE2-equipped vehicles add a six-way power-adjustable driver seat. Work Truck models are offered in a Dark Titanium interior color; SLE models are offered in an all-Ebony interior color, or Dark Titanium/Light Titanium and Ebony/Light Cashmere combinations.

SLT models feature a luxury-inspired interior with unique instrument panel, door panels, larger-capacity center console and other distinct trim. Heated, 12-way power-adjustable driver's seat, leather seating surfaces, Bose speaker system and heated windshield washer system are standard. Crew cab SLT models add a rear-seat audio system. SLT interior color schemes include all-Ebony, Dark Titanium/Light Titanium and Dark Cashmere/Light Cashmere combinations.

Standard on crew cab models and available on extended cab models is a stadium-style rear seat with a 60/40-split design. It can be easily folded up to provide an uninterrupted load floor. Or, either section of the split seat can



be stowed independently, allowing room for both cargo and a rear-seat passenger. Entry to the rear seat/storage area of extended cab models is eased with rear access doors that open 170 degrees.

A variety of useful convenience items are available on SLE and SLT models, including a touch-screen navigation radio, power-operated sunroof, power-sliding rear window and XM Satellite Radio. A rear seat entertainment system is available on crew cab SLE2 and SLT models, and all models are available with a variety of radio systems. XM Satellite Radio is standard on all models.

Responsive driving experience

The 2008 GMC Sierra delivers enhanced stability and driving confidence from a new, boxed frame, coil-over-shock front suspensions and rack-and-pinion steering. Five suspension systems are available, each tailored to suit specific driving requirements. They include:

- **Z83** - Delivers a solid, smooth ride with monotube front shocks and twin-tube rear shocks.
- **Z85** - Designed for enhanced handling and trailer towing, with monotube front and rear shocks.
- **Z71** - Delivers enhanced off-road capability; features specific monotube front and rear shocks.
- **Z60** - Designed for maximum street performance and offered with 20-inch wheels.
- **NHT** - Maximum-capacity trailering.

GM's sophisticated StabiliTrak electronic stability control system helps mitigate the occurrence of rollover events; it is standard on crew cab models and available on extended cab models - and is a segment exclusive. Partnered with an improved, high capacity brake system and four-channel, four-sensor electronic brake controls, the system provides more precise, controlled ABS stops, as well as enhanced traction/yaw stability.

Sierra powertrains

Sierra models are powered by an efficient lineup of engines, led by the segment's highest-rated V-8 engines. Advanced technology, such as Active Fuel Management (AFM) and variable valve timing (VVT), helps Sierra deliver the segment's best fuel economy. A FlexFuel engine is available - and partnered with fuel-saving AFM - gives customers the choice of powering their truck with E85 ethanol, gasoline or a combination of both fuels. Light-duty engine offerings include:

- 4.3L V-6 (LU3), rated at 195 hp (145 kW) and 260 lb.-ft. of torque (353 Nm).
- 4.8L V-8 (LY2), with iron block; rated at 295 hp (220 kW) and 305 lb.-ft. of torque (414 Nm)*.
- 5.3L FlexFuel V-8 (LMG), E85-capable with iron block and Active Fuel Management, rated at 315 hp (235 kW) and 338 lb.-ft. of torque (458 Nm)*.
- 5.3L FlexFuel V-8 (LC9), E85-capable with aluminum block and Active Fuel Management, rated at 315 hp (235 kW) and 338 lb.-ft. of torque (458 Nm)*.
- 5.3L V-8 (LH6), with aluminum block and Active Fuel Management, rated at 315 hp (235 kW) and 338 lb.-ft. of torque (458 Nm)*.
- 5.3L V-8 (LY5), with iron block and Active Fuel Management, rated at 315 hp (235 kW) and 338 lb.-ft. of torque (458 Nm)*.
- 6.0L V-8 (L76), with aluminum block, variable valve timing and Active Fuel Management, rated at 367 hp (274 kW) and 375 lb.-ft. of torque

(508 Nm)*. This engine is available on SLE and SLT extended and crew cab models as part of the enhanced trailering package.

- 6.2L V-8 (L92), with aluminum block and variable valve timing, rated at 403 hp (298 kW) and 417 lb.-ft. of torque (565 Nm)*. This engine is exclusive to Sierra Denali.

The engines are backed by proven Hydra-Matic electronically controlled automatic transmissions, including the 4L60 four-speed automatic, high capacity 4L70 four-speed automatic and a new 6L80 six-speed with the Sierra Denali's 6.2L engine. The six-speed automatic has a wide, 6.04:1 overall ratio - including two overdrive gears - that helps deliver an excellent balance of performance and fuel economy. Also, the 6L80 has a 'tap up/tap down' capability that allows the driver to manually select upshifts and downshifts with a button on the column shifter.

Safety and security

As evidenced by its five-star frontal crash test rating from NHTSA, Sierra delivers a perimeter of safety protection through a stronger frame and body structure as well as industry- and segment-leading technology. It also is designed to provide increased compatibility with other vehicles. New features include segment-first StabiliTrak electronic stability control with rollover mitigation technology, head curtain side air bags, which are integrated into strengthened chassis and body structures to provide excellent passenger protection, and segment-first safety belt pretensioners that activate during a rear-end crash. The head curtain side air bags are available on Sierra SLE and SLT models; they are standard on Sierra Denali models.

Driver control dynamics are enhanced by wider front and rear tracks, as well as more responsive suspensions - including a new coil-over-shock front suspension design and rack-and-pinion steering. Additional safety features are offered on Sierra, including factory-installed remote vehicle starting (segment exclusive), Autotrac active transfer case to help keep the vehicle sure-footed in slippery driving situations, Ultrasonic Rear Parking Assist and a revised, easier-to-use tire pressure monitoring system.

All retail models come standard with the OnStar Generation 7 system, including a one-year subscription to the Safe & Sound plan. The OnStar service includes the General Motors Advanced Automatic Crash Notification (AACN) system, making crash data available to emergency services to potentially dispatch the appropriate life-saving personnel and equipment to crash scenes faster. If the vehicle is in a crash that activates an air bag, the OnStar system automatically notifies an OnStar advisor, who will check on the occupants or summon emergency help if necessary. OnStar also can assist authorities in locating a vehicle if it is reported stolen and provides remote door-unlocking service (when the vehicle is equipped with power door locks).

Sierra Denali details

The Sierra Denali is offered in 2WD and AWD configurations. It is powered by an exclusive 6.2L V-8 engine, rated at 403-horsepower (300 kW)* and 417 lb.-ft. of torque (565 Nm)*. The engine is paired with the Hydra-Matic 6L80 six-speed automatic transmission. The six-speed automatic has a wide, 6.04:1 overall ratio - including two overdrive gears - that helps deliver an excellent balance of performance and fuel economy. Also, the 6L80 has a 'tap up/tap down' capability that allows the driver to manually select upshifts and downshifts with a button on the column shifter.

Sierra Denali also features a 9.5-inch rear axle (2WD) or 8.6-inch rear axle (AWD) with 3.42 gears and a locking rear differential. The Z85 suspension,

four-wheel disc brakes, StabilTrak, skid plates and tow hooks are standard. Eighteen-inch polished aluminum wheels are standard and unique 20-inch factory installed chrome-finish aluminum wheels are available. The wheel designs are not shared with other Sierra models.

An iconic, Denali-specific chrome grille makes the truck instantly recognizable. Additional chrome trim and body-color bumpers further distinguish it. Sierra Denali is available in three exterior colors: Onyx Black, Olympic White and Fine Silver Birch Metallic.

Sierra Denali also offers a unique combination of interior style and luxury, including standard nuance leather-covered front and rear seats, with heated, 12-way power-adjustable front seats, as well as leather trim throughout. A Denali-exclusive leather-wrapped steering wheel, which features wood grain accents and a host of auxiliary controls, is standard. Denali models also feature a unique center console, enhanced interior bright work and detailed, highly finished embossed sill plates that greet passengers when they open any of the Sierra Denali's doors. The unique center console has wood grain trim that conceals the lid and cupholder pockets, creating a more finished and refined appearance. In addition to a full complement of standard amenities, Sierra Denali offers such exclusive features as an available heated steering wheel. Interior colors include all-Ebony and an exclusive Cocoa/Light Cashmere combination.

Standard features include rollover capable head curtain air bags, power-adjustable pedals, electrochromic (auto-dimming) inside mirror, dual-zone automatic climate control, rain-sensing automatic windshield wipers, remote starting system, EZ Lift Tailgate and Ultrasonic Rear Parking Assist. From an entertainment standpoint, Sierra Denali comes standard with an AM/FM MP3-capable radio with a six-disc in-dash CD changer, Bose premium speaker sound system, rear-seat audio and XM Satellite Radio.

Optional features include the cargo management system, power-sliding rear window, roof rack, navigation radio system, power sunroof and a DVD-based rear-seat entertainment system.

Sierra All Terrain

The Sierra All-Terrain builds on the dynamic Z71 Off Road package with a roster of stylish, refined and capable features that combine to create a unique truck that's ready for anything. The All Terrain will be available on extended cab standard box and crew cab models in either 2WD or 4WD.

Product details include:

- Z71 Off Road package with skid plates, locking rear differential and high-capacity air cleaner
- Standard 5.3L V-8
- Optional 6.0L V-8 (with transmission cooler and oil cooler)
- Heavy-duty trailering package
- 18-inch chrome wheels
- Unique Rancho Tenneco shocks; white with red letters
- Body-color side moldings with chrome accents
- Unique chrome grille
- All Terrain badges on the front fenders
- Full-function outside mirrors in body color
- Body-color door handles
- Ebony cloth seating
- Exclusive two-tone leather seat color combination (SLT only)
- Specific instrument panel with brushed metal appearance
- Floor mats with 'All Terrain' logo and unique sill plates

Sierra All Terrain is offered in six exterior colors: Fire Red, Black, Silver, Stealth Gray, White and Graystone.

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SPECIFICATIONS

(See GM of Canada section for Canadian product information)

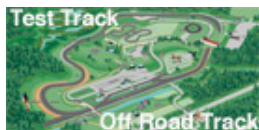
Sierra Light-Duty Regular Cab

Models:	C/K 10703: regular cab standard box, 2WD & 4WD
	C/K 10903: regular cab long box, 2WD & 4WD
Body style / driveline:	2/3-passenger regular cab, 1/2-ton, 2- and 4-wheel drive light-duty pickups available with 6-foot 6-inch, and 8-foot (2 m and 2.4 m) box
EPA vehicle class:	full-size truck
Manufacturing location:	Pontiac, Mich.; Fort Wayne, Ind.
Key competitors:	Ford F-Series, Dodge Ram, Toyota Tundra, Nissan Titan

Engines

	Vortec 4.3L V-6 (LU3)	Vortec 4.8L V-8 (LY2)	Vortec 5.3L V-8 FlexFuel (LMG)	Vortec 5.3L V-8 (LY5)
Type:	4.3L V-6	4.8L V-8	5.3L V-8	5.3L V-8
Displacement (cu in / cc):	262 / 4300	293 / 4807	325 / 5328	325 / 5328
Bore & stroke (in / mm):	4 x 3.48 / 101.6 x 88	3.78 x 3.27 / 96 x 83	3.78 x 3.62 / 96 x 92	3.78 x 3.62 / 96 x 92
Block material:	cast iron	cast iron	cast iron	cast iron
Cylinder head material:	cast iron	cast aluminum	cast aluminum	cast aluminum
Valvetrain:	OHV, 2 valves per	OHV, 2 valves per	OHV, 2 valves per	OHV, 2 valves per

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	cylinder	cylinder	cylinder	cylinder
Ignition system:	direct composite distributor, platinum-tipped spark plugs, low-resistance spark plug wires	coil near plug, platinum-tipped spark plugs, low-resistance spark plug wires	coil near plug, platinum-tipped spark plugs, low-resistance spark plug wires	coil near plug, platinum-tipped spark plugs, low-resistance spark plug wires
Fuel delivery:	sequential fuel injection	sequential fuel injection	Active Fuel Management; sequential fuel injection	Active Fuel Management; sequential fuel injection
Compression ratio:	9.2:1	9.1:1	9.9:1	9.9:1
Horsepower (hp / kW @ rpm):	195 / 145 @ 4600	295 / 220 @ 5600*	315 / 235 @ 5200*	315 / 235 @ 5200*
Torque (lb-ft / Nm @ rpm):	260 / 353 @ 2800	305 / 414 @ 4800*	338 / 458 @ 4400*	338 / 458 @ 4400*
Recommended fuel:	regular unleaded	regular unleaded	E85 and/or regular unleaded	regular unleaded
Maximum engine speed (rpm):	5600	6000	6000	6000
Emissions controls:	close-coupled catalytic converter, Quick Sync 58X ignition, returnless fuel rail, fast-response O ₂ sensor			
EPA estimated fuel economy (city / hwy):	2WD: 15 / 20 4WD: 14 / 18	2WD: 14 / 19 4WD: 14 / 18	2WD: 15 / 20 4WD: 14 / 19	2WD: 15 / 20 4WD: 14 / 19

Transmissions

	Hydra-Matic 4L60 (M30)
Type:	4-speed automatic
Gear ratios (:1):	
First:	3.06
Second:	1.63
Third:	1.00
Fourth:	0.70
Fifth:	◆
Sixth:	◆
Reverse:	2.29
Final drive ratio (std. & avail.):	3.23
	3.42
	3.73
	4.10

Chassis/Suspension

Front:	2WD & 4WD: independent coil-over-shock; monotube shock absorbers
Rear:	solid axle with semi-elliptic, variable-rate, two-stage multileaf springs; splayed shock absorbers; monotube shocks available



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Steering type:	power-assisted rack-and-pinion (2WD & 4WD)
Steering ratio:	18.7:1
Steering wheel turns, lock-to-lock:	3.5
Turning circle, curb-to-curb (ft / m)	
2WD/4WD Reg. Cab Standard Box:	39.7 / 12.1
2WD/4WD Reg. Cab Long Box:	44.3 / 15.4

Brakes

Type:	power-assisted, front disc/rear drum, 4-wheel ABS
Rotor diameter x thickness (in / mm)	
disc/drum brakes:	front: 12.99 x 1.18 / 330 x 30 rear: 11.61 x 2.36 / 295 x 60
Total swept area (sq in / sq cm)	
disc/drum brakes:	front: 301.2 / 1944 rear: 172.4 / 1112

Wheels/Tires

Wheel size & type:	17 x 7.5-in. steel
	17 x 7.5-in. clad aluminum
	17 x 7.5-in. bright machine aluminum
	20 x 8.5-in. six-spoke polished aluminum
	22-inch (dealer installed)
Tires:	P245/70R17 all season, blackwall or white letter
	P265/70R17 AL2, blackwall or white letter
	P265/70R17 on/off road, blackwall or white letter
	P275/55R20 AL2 blackwall
	22-inch TBD (dealer installed)

Dimensions

Exterior

	Regular Cab, Standard Box	Regular Cab, Long Box
Wheelbase (in / mm):	119 / 3023	133 / 3378
Overall length (in / mm):	205.7 / 5222	224.6 / 5702
Overall width (in / mm):	79.9 / 2029	79.9 / 2029
Overall height (in / mm)		
2WD:	73.9 / 1876	73.7 / 1872
4WD:	73.9 / 1876	73.8 / 1875
Track (in / mm)		
Front:	68.1 / 1730	68.1 / 1730
Rear:	67 / 1702	67 / 1702
Min. running ground clearance		
2WD:	8.4 / 215	8.9 / 227
4WD:	9 / 229	9.4 / 240

Ground to top of load floor (in / mm):	2WD: 34.7 / 881 4WD: 33.9 / 861	2WD: 34.7 / 881 4WD: 33.9 / 861
Step-in height		
2WD:	32.4 / 824	32.4 / 824
4WD:	32.4 / 824	32.4 / 824
Approach angle (deg)		
2WD:	15.1	16
4WD:	16.2	17
Breakover angle (deg)		
2WD:	24.4	21.5
4WD:	24.4	21.8
Departure angle (deg)		
2WD:	25	24.1
4WD:	24.2	23.3

Interior

	Regular Cab
Headroom (in / mm):	41.4 / 1051
Legroom (in / mm):	41.3 / 1049
Shoulder room (in / mm):	65.2 / 1657
Hip room (in / mm):	62.5 / 1588

Curb Weight & Payload

	GVWR (lb / kg)	Curb Weight (lb / kg)	Max. Payload (lb / kg)	Weight Distribution (% front / rear)
2WD				
Reg. Cab Standard Box:	6400 / 2903	4448 / 2016	1952 / 885	58 / 42
Reg. Cab Long Box:	6400 / 2903	4588 / 2081	1812 / 822	58 / 42
4WD				
Reg. Cab Standard Box:	6400 / 2903	4687 / 2126	1713 / 777	59 / 41
Reg. Cab Long Box:	6400 / 2903	4836 / 2194	1564 / 709	59 / 41

Cargo box

	Regular Cab, Standard Box	Regular Cab, Long Box
Cargo volume (cu ft / L):	60.7 / 1718	75.5 / 2138
Length at floor (in / mm):	78.7 / 1999	97.61 / 2479.2
Width at floor (in / mm):	62.4 / 1586	62.4 / 1586
Width between wheelhousings (in / mm):	50.6 / 1286	50.6 / 1286
Tailgate width (in / mm):	61.5 / 1564	61.5 / 1564
Inside height (in / mm):	21 / 553	21 / 553

Capacities

	Regular Cab, Standard Box	Regular Cab, Long Box	
Seating:	2 or 3	2 or 3	
Fuel tank (gal / L):	26 / 98	34 / 128	
	Vortec 4.3L	Vortec 4.8L	Vortec 5.3L
Engine oil (qt / L):	4.5 / 4.3	6 / 5.7	6 / 5.7
Cooling system (qt / L):	12.6 / 11.9	13.4 / 12.7	14.9 / 14.1

Trailerling

Trailer towing maximum with ball hitch (lb / kg):	
Reg. Cab, Std. Box	2WD: 8200 / 3720 (5.3L w/ 3.73 axle) 4WD: 8900 / 4037 (5.3L w/ 4.10 axle)
Reg. Cab, Long Box	2WD: 8000 / 3629 (5.3L w/ 3.73 axle) 4WD: 8900 / 4037 (5.3L w/ 4.10 axle)

* SAE certified. A new voluntary power and torque certification procedure developed by the SAE Engine Test Code committee was approved March 31, 2005 . This procedure (J2723) ensures fair, accurate ratings for horsepower and torque by allowing manufacturers to certify their engines through third-party witness testing. GM was the first auto manufacturer to begin using the procedure and expects to use it for all newly rated engines in the future.

Note: Information shown is current at time of publication.

Sierra Light-Duty Extended Cab

Models:	C/K 10753: extended cab Standard Box, 2WD & 4WD
	C/K 10953: extended cab Long Box, 2WD & 4WD
Body style / driveline:	5/6-passenger extended cab, 1/2-ton, 2-and 4 -wheel drive light-duty pickups available with 5-foot 8-inch, 6-foot 6-inch, and 8-foot (1.7 m, 2 m and 2.4 m) box
EPA vehicle class:	full-size truck
Manufacturing location:	Pontiac, Mich.; Oshawa, Ontario, Canada; Fort Wayne, Ind.
Key competitors:	Ford F-Series, Dodge Ram, Toyota Tundra, Nissan Titan

Engines

	Vortec 4.3L V-6 (LU3)	Vortec 4.8L V-8 (LY2)	Vortec 5.3L V-8 FlexFuel (LMG)
Type:	4.3L V-6	4.8L V-8	5.3L V-8
Displacement (cu in / cc):	262 / 4300	293 / 4807	325 / 5328
Bore & stroke (in / mm):	4 x 3.48 / 101.6 x 88	3.78 x 3.27 / 96 x 83	3.78 x 3.62 / 96 x 92
Block material:	cast iron	cast iron	cast iron
Cylinder head material:	cast iron	cast aluminum	cast aluminum
Valvetrain:	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder

Ignition system:	direct composite distributor, platinum-tipped spark plugs, low-resistance spark plug wires	coil near plug, platinum-tipped spark plugs, low-resistance spark plug wires	coil near plug, platinum-tipped spark plugs, low-resistance spark plug wires
Fuel delivery:	sequential fuel injection	sequential fuel injection	Active Fuel Management; sequential fuel injection
Compression ratio:	9.2:1	9.1:1	9.9:1
Horsepower (hp / kW @ rpm):	195 / 145 @ 4600*	295 / 220 @ 5600*	315 / 235 @ 5200*
Torque (lb-ft / Nm @ rpm):	260 / 353 @ 2800*	305 / 414 @ 4800*	338 / 458 @ 4400*
Recommended fuel:	regular unleaded	regular unleaded	E85 and/or regular unleaded
Maximum engine speed (rpm):	5600	6000	6000
Emissions controls:	close-coupled catalytic converter, Quick Sync 58X ignition, returnless fuel rail, fast-response O ₂ sensor		

Engines cont'd

	Vortec 5.3L V-8 (LY5)	Vortec 6.0L V-8 Vortec Max (L76)
Type:	5.3L V-8	6.0L V-8
Displacement (cu in / cc):	325 / 5328	364 / 5967
Bore & stroke (in / mm):	3.78 x 3.62 / 96 x 92	4 x 3.62 / 101.6 x 92
Block material:	cast iron	cast iron
Cylinder head material:	cast aluminum	cast aluminum
Valvetrain:	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder
Ignition system:	coil near plug, composite distributor, platinum-tipped spark plugs, low-resistance spark plug wires	variable valve timing, coil near plug, platinum-tipped spark plugs, low-resistance spark plug wires
Fuel delivery:	Active Fuel Management; sequential fuel injection	Active Fuel Management; sequential fuel injection
Compression ratio:	9.9:1	9.6:1
Horsepower (hp / kW @ rpm):	315 / 235 @ 5200*	367 / 274 @ 5500*
Torque (lb-ft / Nm @ rpm):	338 / 458 @ 4400*	375 / 508 @ 4300*
Recommended fuel:	regular unleaded	regular unleaded
Maximum engine speed (rpm):	6000	6000
Emissions controls:	close-coupled catalytic converter, Quick Sync 58X ignition, returnless fuel rail, fast-response O ₂ sensor	
EPA fuel economy (city / highway):	2WD TBD	4WD TBD

Transmissions

	Hydra-Matic 4L60 / 4L65 (M30/ /M32)	Hydra-Matic 4L70 (M70)
Type:	4-speed automatic	4-speed automatic
Gear ratios (:1):		
First:	3.06	3.06
Second:	1.63	1.63
Third:	1.00	1.00
Fourth:	0.70	0.70
Fifth:	⚠	⚠
Sixth:	⚠	⚠
Reverse:	2.29	2.29
Final drive ratio (std. & avail.):	3.23	4.10
	3.42	
	3.73	
	4.10	

Chassis/Suspension

Front:	2WD & 4WD: independent coil-over-shock; monotube shock absorbers
Rear:	solid axle with semi-elliptic, variable-rate, two-stage multileaf springs; splayed shock absorbers; monotube shocks
Steering type:	power-assisted rack-and-pinion (2WD & 4WD)
Steering ratio:	16.5:1
Steering wheel turns, lock-to-lock:	3
Turning circle, curb-to-curb (ft / m):	
2WD/4WD Ext. Cab Short Box:	44.6 / 13.6
2WD/4WD Ext. Cab Standard Box:	46.9 / 14.3
2WD/4WD Ext. Cab Long Box:	51.2 / 15.6

Brakes

Type:	power-assisted, 4-wheel disc, 4-wheel ABS; or power-assisted, front disc/rear drum, 4- wheel ABS
Rotor diameter x thickness (in / mm)	
disc/drum brakes:	front: 12.99 x 1.18 / 330 x 30 rear: 11.61 x 2.36 / 295 x 60
with 4-wheel disc:	front: 13 x 1.18 / 330.2 x 30 rear: 13.5 x 0.79 / 342.9 x 20
Total swept area (sq in / sq cm)	
with disc/drum brakes:	front: 301.2 / 1944

	rear: 172.4 / 1112
with 4-wheel disc:	front: 257 / 1656 rear: 113 / 732

Wheels/Tires

Wheel size & type:	17 x 7.5-in. steel
	17 x 7.5-in. clad aluminum
	17 x 7.5-in. bright machine aluminum
	20 x 8.5-in. six-spoke polished aluminum
Tires:	P24570R17 all season, blackwall or white letter
	P265/70R17 AL2, blackwall or white letter
	P265/70R17 on/off road, blackwall or white letter
	P275/55R20 AL2 blackwall

Dimensions

Exterior

	Extended Cab, Standard Box	Extended Cab, Long Box
Wheelbase (in / mm):	143.5 / 3645	157.5 / 4001
Overall length (in / mm):	230.2 / 5844	249.2 / 6325
Overall width (in / mm):	79.9 / 2029	79.9 / 2029
Overall height (in / mm)		
2WD:	73.9 / 1876	73.6 / 1870
4WD:	73.7 / 1872	73.6 / 1868
Track (in / mm)		
Front:	68.1 / 1730	68.1 / 1730
Rear:	67 / 1702	67 / 1702
Min. running ground clearance		
2WD:	8.9 / 226	9 / 230
4WD:	9 / 228	9.3 / 240
Ground to top of load floor (in / mm):	2WD: 33.8 / 858 4WD: 33.4 / 848	2WD: 33.5 / 851 4WD: 33.1 / 841
Step-in height		
2WD:	32.4 / 824	32.4 / 824
4WD:	32.4 / 824	32.4 / 824
Approach angle (deg)		
2WD:	15.9	16.2
4WD:	16	16.4
Breakover angle (deg)		
2WD:	19.6	18
4WD:	19.3	17.8
Departure angle (deg)		
2WD:	24	22.8
4WD:	23.3	22

Interior

	Extended Cab, Front	Extended Cab, Rear
Headroom (in / mm):	41.2 / 1048	39.2 / 997
Legroom (in / mm):	41.3 / 1049	34.33 / 872
Shoulder room (in / mm):	65.2 / 1657	65.3 / 1658
Hip room (in / mm):	62.5 / 1588	61.9 / 1571.4

Curb Weight & Payload

	GVWR (lb / kg)	Curb Weight (lb / kg)	Max. Payload (lb / kg)	Weight Distribution (% front / rear)
2WD				
Ext. Cab Standard Box:	6400 / 2903	4797 / 2176	1603 / 727	58 / 42
Ext. Cab Long Box:	6900 / 3130	5213 / 2365	1687 / 765	59 / 41
4WD				
Ext. Cab Standard Box:	7000 / 3175	5265 / 2388	1735 / 787	59 / 41
Ext. Cab Long Box:	7000 / 3175	5426 / 2461	1574 / 714	60 / 40

Cargo box

	Extended Cab, Standard Box	Extended Cab, Long Box
Cargo volume (cu ft / L):	60.7 / 1718	75.5 / 2138
Length at floor (in / mm):	78.7 / 1999	97.82 / 2484.7
Width at floor (in / mm):	62.4 / 1586	62.4 / 1586
Width between wheelhousings (in / mm):	50.6 / 1286	50.6 / 1286
Tailgate width (in / mm):	61.5 / 1564	61.5 / 1564
Inside height (in / mm):	21 / 553	21 / 553

Capacities

	Extended Cab, Standard Box	Extended Cab, Long Box		
Seating:	5 or 6	5 or 6		
Fuel tank (gal / L):	26 / 98	34 / 128		
	Vortec 4.3L	Vortec 4.8L	Vortec 5.3L	Vortec 6.0L
Engine oil (qt / L):	4.5 / 4.3	6 / 5.7	6 / 5.7	6 / 5.7
Cooling system (qt / L):	12.6 / 11.9	13.4 / 12.7	14.9 / 14.1	14.4 / 13.6

Trailer

Trailer towing maximum with ball hitch (lb / kg):	
Ext. Cab, Std. Box:	2WD: 8800 / 3992 (6.0L w/ 3.73 axle) 4WD: 8500 / 3856 (6.0L w/ 3.73 axle)

Ext. Cab., Std. Box (w/ enhanced trailering pkg.):	2WD: 10300 / 4672 (6.0L w/ 3.73 axle) 4WD: 10500 / 4763 (6.0L w/ 3.73 axle)
Ext. Cab, Long Box:	2WD: 7500 / 3402 (5.3L w/ 3.73 axle) 4WD: 8300 / 3765 (5.3L w/ 4.10 axle)

* SAE certified. A new voluntary power and torque certification procedure developed by the SAE Engine Test Code committee was approved March 31, 2005. This procedure (J2723) ensures fair, accurate ratings for horsepower and torque by allowing manufacturers to certify their engines through third-party witness testing. GM was the first auto manufacturer to begin using the procedure and expects to use it for all newly rated engines in the future.


Note: Information shown is current at time of publication.


Sierra Light-Duty Crew Cab

Models:	C/K 10543: crew cab Short Box, 2WD & 4WD; AWD Denali
Body style / driveline:	5/6-passenger crew cab, 1/2-ton, 2-, 4- and all-wheel drive light-duty pickups available with 5-foot 8-inch (1.7 m) box
EPA vehicle class:	full-size truck
Manufacturing location:	Oshawa, Ontario, Canada; Silao, Mexico
Key competitors:	Ford F-Series, Dodge Ram, Toyota Tundra, Nissan Titan

Engines

	Vortec 4.8L V-8 (LY2)	Vortec 5.3L V-8 FlexFuel (LMG)	Vortec 5.3L V-8 FlexFuel (LC9)
Type:	4.8L V-8	5.3L V-8	5.3L V-8
Displacement (cu in / cc):	293 / 4807	325 / 5328	325 / 5328
Bore & stroke (in / mm):	3.78 x 3.27 / 96 x 83	3.78 x 3.62 / 96 x 92	3.78 x 3.62 / 96 x 92
Block material:	cast iron	cast iron	cast aluminum
Cylinder head material:	cast aluminum	cast aluminum	cast aluminum
Valvetrain:	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder
Ignition system:	coil near plug, composite distributor, platinum-tipped spark plugs, low-resistance spark plug wires	coil near plug, platinum-tipped spark plugs, low-resistance spark plug wires	coil near plug, platinum-tipped spark plugs, low-resistance spark plug wires
Fuel delivery:	sequential fuel injection	Active Fuel Management; sequential fuel injection	Active Fuel Management; sequential fuel injection
Compression ratio:	9.1:1	9.9:1	9.9:1
Horsepower (hp / kW @ rpm):	295 / 220 @ 5600*	315 / 235 @ 5200*	315 / 235 @ 5200*
Torque (lb-ft / Nm @ rpm):	305 / 414 @ 4800*	338 / 458 @ 4400*	338 / 458 @ 4400*
Recommended fuel:	regular unleaded	E85 and/or regular unleaded	E85 and/or regular unleaded
Maximum engine speed (rpm):	6000	6000	6000
Emissions controls:	close-coupled catalytic converter, Quick Sync 58X ignition, returnless fuel		

rail, fast-response  sensor**Engines cont'd**

	Vortec 5.3L V-8 (LH6)	Vortec 5.3L V-8 (LY5)	Vortec 6.0L V-8 Vortec Max (L76)	Vortec 6.2L V-8 (L92) - Denali
Type:	5.3L V-8	5.3L V-8	6.0L V-8	6.2L V-8
Displacement (cu in / cc):	325 / 5328	325 / 5328	364 / 5967	376 / 6172
Bore & stroke (in / mm):	3.78 x 3.62 / 96 x 92	3.78 x 3.62 / 96 x 92	4 x 3.62 / 101.6 x 92	4.06 x 3.62 / 103.25 x 92
Block material:	cast aluminum	cast iron	cast iron	cast aluminum
Cylinder head material:	cast aluminum	cast aluminum	cast aluminum	cast aluminum
Valvetrain:	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder
Ignition system:	coil near plug, composite distributor, platinum-tipped spark plugs, low-resistance spark plug wires	coil near plug, composite distributor, platinum-tipped spark plugs, low-resistance spark plug wires	variable valve timing, coil near plug, platinum-tipped spark plugs, low-resistance spark plug wires	variable valve timing, coil near plug, platinum-tipped spark plugs, low-resistance spark plug wires
Fuel delivery:	Active Fuel Management; sequential fuel injection	Active Fuel Management; sequential fuel injection	Active Fuel Management; sequential fuel injection	sequential fuel injection
Compression ratio:	9.9:1	9.9:1	9.6:1	10.5:1
Horsepower (hp / kW @ rpm):	315 / 235 @ 5200*	315 / 235 @ 5200*	367 / 274 @ 5500*	403 / 301 @ 5700*
Torque (lb-ft / Nm @ rpm):	338 / 458 @ 4400*	338 / 458 @ 4400*	375 / 508 @ 4300*	417 / 565 @ 4300*
Recommended fuel:	regular unleaded	regular unleaded	regular unleaded	regular unleaded (premium recommended but not required)
Maximum engine speed (rpm):	6000	6000	6000	6000
Emissions controls:	close-coupled catalytic converter, Quick Sync 58X ignition, returnless fuel rail, fast-response  sensor			
EPA fuel economy (city / highway):	2WD TBD	4WD TBD	AWD TBD	

Transmissions

	Hydra-Matic 4L60 / 4L65 (M30/M32)	Hydra-Matic 4L70 (M70)	Hydra-Matic 6L80 (MYC)
Type:	4-speed automatic	4-speed automatic	6-speed automatic
Gear ratios (:1):			
First:	3.06	3.06	4.04
Second:	1.63	1.63	2.36
Third:	1.00	1.00	1.52

Fourth:	0.70	0.70	1.15
Fifth:	◆	◆	0.85
Sixth:	◆	◆	0.66
Reverse:	2.29	2.29	3.06
Final drive ratio (std. & avail.):	3.23	4.10	3.42
	3.42		
	3.73		
	4.10		

Chassis/Suspension

Front:	All models: independent coil-over-shock; monotube shock absorbers
Rear:	All models: solid axle with semi-elliptic, variable-rate, two-stage multileaf springs; splayed shock absorbers; monotube shocks
Steering type:	power-assisted rack-and-pinion
Steering ratio:	16.5:1
Steering wheel turns, lock-to-lock:	3
Turning circle, curb-to-curb (ft / m)	
2WD/4WD Crew cab short box:	47.2 / 14.4

Brakes

Type:	power-assisted, 4-wheel disc, 4-wheel ABS; or power-assisted, front disc/rear drum, 4-wheel ABS
Rotor diameter x thickness (in / mm)	
disc/drum brakes:	front: 12.99 x 1.18 / 330 x 30 rear: 11.61 x 2.36 / 295 x 60
4-wheel disc:	front: 13 x 1.18 / 330.2 x 30 rear: 13.5 x 0.79 / 342.9 x 20
Total swept area (sq in / sq cm)	
disc/drum brakes:	front: 301.2 / 1944 rear: 172.4 / 1112
4-wheel disc:	front: 257 / 1656 rear: 113 / 732

Wheels/Tires

	17 x 7.5-in. steel
Wheel size & type:	17 x 7.5-in. clad aluminum
	17 x 7.5-in. bright machine aluminum
	18 x 8-in. polished aluminum (std. Denali)
	20 x 8.5-in. six-spoke polished aluminum
	20 x 8.5-in. chrome aluminum (opt. Denali)
Tires:	P24570R17 all season blackwall or white letter
	P265/70R17 AL2, blackwall or white letter
	P265/70R17 on/off road, blackwall or white letter
	P265/65R18 AL2, blackwall (Denali)

P275/55R20 AL2 blackwall

Dimensions**Exterior**

	Crew Cab, Short Box
Wheelbase (in / mm):	143.5 / 3645
Overall length (in / mm):	230.2 / 5844
Overall width (in / mm):	80 / 2032
Overall height (in / mm)	
2WD:	73.8 / 1875
4WD:	73.7 / 1872
Track (in / mm)	
Front:	68.1 / 1730
Rear:	67 / 1702
Min. running ground clearance (in / mm):	9 / 229 (2WD, 4WD & AWD)
Ground to top of load floor (in / mm):	2WD: 32.9 / 835 4WD: 32.7 / 831
Step-in height	
2WD:	32.4 / 824
4WD:	32.4 / 824
Approach angle (deg)	
2WD:	15.3
4WD:	15.3
Breakover angle (deg)	
2WD:	19.3
4WD:	19.3
Departure angle (deg)	
2WD:	22.8
4WD:	22.4

Interior

	Crew Cab, Front	Crew Cab, Rear
Headroom (in / mm):	41.2 / 1048	40.5 / 1030
Legroom (in / mm):	41.3 / 1049	38.7 / 983
Shoulder room (in / mm):	65.2 / 1657	65.1 / 1655
Hip room (in / mm):	62.5 / 1588	65.4 / 1663

Curb Weight & Payload

	GVWR w/ Max. Payload (lb / kg)	Curb Weight w/ Max. Payload (lb / kg)	Max. Payload (lb / kg)	Weight Distribution (% front / rear)
2WD:				
Crew Cab Short Box	6800 / 3084	5142 / 2332	1658 / 752	58 / 42
Denali	6800 / 3084	5226 / 2370	1574 / 714	58 / 42

4WD:				
Crew Cab Short Box	7000 / 3175	5371 / 2436	1629 / 739	58 / 42
Denali	7000 / 3175	5386 / 2443	1614 / 732	58 / 42

Cargo box


	Crew Cab, Short Box
Cargo volume (cu ft / L):	53.2 / 1506
Length at floor (in / mm):	69.29 / 1760
Width at floor (in / mm):	62.4 / 1586
Width between wheelhousings (in / mm):	50.6 / 1286
Tailgate width (in / mm):	61.5 / 1564
Inside height (in / mm):	21 / 553

Capacities

	Crew Cab, Short Box			
Seating:	5 or 6			
Fuel tank (gal / L):	26 / 98			
	Vortec 4.8L	Vortec 5.3L	Vortec 6.0L	Vortec 6.2L
Engine oil (qt / L):	6 / 5.7	6 / 5.7	6 / 5.7	6 / 5.7
Cooling system (qt / L):	13.4 / 12.7	14.9 / 14.1	14.4 / 13.6	12.6 / 11.9


Trailerling

Trailer towing maximum with ball hitch (lb / kg):	
Crew Cab, Short Box	2WD: 8700 / 3946 (6.0L w/ 3.73 axle) 4WD: 8500 / 3856 (6.0L w/ 3.73 axle)
Crew Cab, Short Box (w/ enhanced trailerling pkg.)	2WD: 10200 / 4627 (6.0L w/ 3.73 axle) 4WD: 10500 / 4763 (6.0L w/ 4.10 axle)
Denali	2WD: 8600 / 3901 (6.2L w/ 3.42 axle) AWD: 8400 / 3810 (6.2L w/ 3.42 axle)

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