

For immediate release

GMC SIERRA 1500 / SIERRA DENALI

New for 2011:

- New exterior color: Gray Green Metallic
- OnStar 9.0
- Enhancements to reduce wind noise

Model/Trim Lineup

	Engines				Transmissions	
	Vorte c 4.3L V-6 (LU3)	Vorte c 4.8L V-8 (L20)	Vortec 5.3L V-8 (LMG, LC9)	Vorte c 6.2L V-8 (L9H)	4-spd auto (Hydra- Matic 4L60)	6-spd auto (Hydra- Matic 6L80)
All cabs w/ Work Truck (1SA)	s ¹	o ²	o LMG ³ LC9 ⁴	–	s ⁷	s ⁸
Crew Cab SL (2SA)	–	s	–	–	s ⁷	s ⁸
All cabs w/ SLE	–	s ⁵	o LMG ³ LC9 ⁴	–	s ⁷	s ⁸
Ext. Cab & Crew Cab w/ SLT (4SA)	–	–	s LMG ³ LC9 ⁴	o	s ⁷	s ⁸
Sierra XFE (2WD Crew Cab)	–	–	s	–	–	s
Sierra Denali	–	–	–	s	–	s

¹ avail. only with reg. cab models and 2WD ext. cab std. box

² std. on crew cab and 4WD ext. cab std. box; 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 ext. cab long box

⁶ not avail. on reg. cab or ext. cab long box

⁷ std. with 4.3L and 4.8L engines only

⁸ std. with 5.3L and 6.2L engines only

Key

Standard	s
Optional	o
Not available	–

2011 SIERRA 1500 AND SIERRA DENALI

From job-ready Work Truck models to the unique combination of performance and luxury that is the Sierra Denali, the GMC Sierra lineup is one of the broadest in the industry. Powerful Vortec-based powertrains, backed by fuel-saving six-speed automatic transmissions, help Sierra models deliver among the industry's best fuel

economy and performance – all with responsive ride and handling traits, and an exceptionally quiet driving experience.

A special Sierra XFE crew cab model is EPA-rated at 22 mpg on the highway. The Sierra Hybrid model returns for 2011, too, offering a 25-percent improvement in overall fuel economy, along with Sierra's traditional capabilities – including a 6,200-pound (2,812 kg) towing capacity. Please see the separate Sierra Hybrid release for complete details and specifications.

For 2011, changes to the Sierra lineup are include a new Gray Green Metallic exterior color, OnStar 9.0 and enhancements that reduce wind noise.

Sierra lineup

Sierra 1500 is available in several trim packages, including Work Truck, SL (crew cab only), SLE 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. All models except the Work Truck model come with a distinctive chrome hood molding.

Standard equipment on the uplevel SLT models includes heavy-duty cooling; automatic locking rear differential; heavy-duty trailering package; 18-inch chrome-clad aluminum wheels; remote vehicle starting system; and Bluetooth connectivity for phones. SLT models also come with a chrome front bumper with a body-color top cap.

Sierra All-Terrain returns for 2011. This unique 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 four-bar grille, exclusive leather-appointed interior, 18-inch chrome wheels and more (see Sierra All-Terrain section below).

The Sierra Denali also returns. It's a truck that fuses performance and unmatched luxury, with features that elevate its performance and design – including a 6.2L all-

aluminum V-8 engine with E85 FlexFuel capability, variable valve timing and a six-speed automatic transmission.

A family of 17-, 18- and 20-inch factory-installed wheels and tires is available throughout the Sierra range. Bright-finish 22-inch wheels are available as a dealer-installed option.

Spacious, refined interior

Sierra models are spacious with generous storage space. Sierra Work Truck and SLE come with a “pure pickup” interior that features larger controls, and door handles that are easy to use with gloves. SLE models are equipped with a standard 40/20/40-split front bench seat that 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. 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. A heated, 10-way power-adjustable driver’s seat, leather seating surfaces and Bose speaker 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.

A stadium-style rear seat with a 60/40-split design is standard on crew cab models and available on extended cab models. It can be easily folded up to provide an uninterrupted load floor. Alternatively, 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 easy 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 SLE 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

Sierra models' stability and driving confidence come from a boxed frame, coil-over-shock front suspension 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 35mm-piston, twin-tube shocks and a 32mm front stabilizer bar
- **Z85** – Designed for enhanced handling and trailer towing, with 46mm-piston, monotube shocks and a 34mm front stabilizer bar
- **Z71** – Delivers enhanced off-road capability; features 46mm shocks, off-road jounce bumpers and a 34mm front stabilizer bar; the package also includes a skid plate, heavy-duty air cleaner and Z71 decals on the rear fenders
- **Z60** – Designed for maximum street performance and offered with 20-inch chrome-clad aluminum wheels and monotube shocks
- **NHT** – Designed for maximum towing capacity.

GM's sophisticated StabiliTrak electronic stability control system helps mitigate the occurrence of rollover events; it is standard on all models except with the 4.3L V-6 – 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.

An integrated trailer brake controller is available on regular cab, extended cab and crew cab models. It is integrated with the ABS system, and provides immediate and measured brake force signaling to the electric-controlled trailer brake system. 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.

Sierra powertrains

Advanced technologies such as Active Fuel Management (AFM) and variable valve timing (VVT) help the Sierra lineup deliver a great balance of performance and fuel efficiency. FlexFuel engines are available – and partnered with fuel-saving AFM – giving customers the choice of powering their truck with E85 ethanol, gasoline or a combination of both fuels. Engine availability includes:

- 4.3L V-6 (LU3), rated at 195 hp (145 kW) and 260 lb.-ft. of torque (353 Nm)
- 4.8L V-8 (L20), with iron block; rated at 302 hp (225 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 335 lb.-ft. of torque (455 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)*
- 6.2L V-8 (L9H), E85 FlexFuel-capable with aluminum block and variable valve timing, rated at 403 hp (300 kW) and 417 lb.-ft. of torque (565 Nm)*. This engine is standard on Sierra Denali and available on SLT crew cab and extended cab models (including All-Terrain).

The engines are backed by proven Hydra-Matic electronically controlled automatic transmissions, including the 4L60 four-speed automatic and the fuel-saving 6L80 six-speed. The six-speed is standard on models equipped with the 5.3L and 6.2L engines.

Safety features

Sierra delivers a perimeter of safety protection, starting with a strong frame and body structure. Technology features that support and enhance safety include StabiliTrak electronic stability control with rollover mitigation technology, seat-mounted side air bags, head curtain side air bags and safety belt pretensioners that activate during a rear-end crash. The seat-mounted side air bags and head curtain side air bags are standard on all models.

All retail models come standard with the new OnStar 9.0 system, with a one-year service plan that includes Automatic Crash Response and Turn-by-Turn Navigation.

Sierra Denali details

The Sierra Denali is offered in 2WD and AWD configurations. It is powered by a 6.2L V-8 engine, rated at 403 horsepower (301 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 specially tuned Z60 suspension, four-wheel disc brakes, StabiliTrak, 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 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 and heated/cooled seats. Interior colors include all-Ebony and an exclusive Cocoa/Light Cashmere combination.

Standard features include Bluetooth phone connectivity, 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 a rearview camera system, XM Satellite Radio NavTraffic feature, power-sliding rear window, 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 is available on extended cab standard box and crew cab models with SLE (with bucket seats) or SLT trim and 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 6.2L V-8 with E85 FlexFuel capability on SLT crew cab models
- Heavy-duty trailering package
- 18-inch chrome aluminum wheels
- Unique Rancho Tenneco shocks; white with red letters
- Body-color side moldings with chrome accents
- Unique four-bar horizontal grille insert with chrome grille surround
- "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)
- Unique instrument cluster with brushed aluminum accents for instrument panel, center console and switch trim plates
- Carpeted floor mats with “All-Terrain” logo and unique sill plates.

The best warranty coverage in America.

All 2011 Sierra 1500 and Sierra Denali models come with the best warranty coverage in America: a five-year/100,000-mile limited powertrain warranty, plus roadside assistance, courtesy transportation and other features that provide assurance that GMC backs its trucks for everything the road offers.

###

For immediate release

SPECIFICATIONS: SIERRA 1500 REGULAR CAB

Overview

Models:	TC/TK 10703: regular cab standard box, 2WD and 4WD TC/TK 10903: regular cab long box, 2WD and 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:	Fort Wayne, Ind., Flint, Mich.
Key competitors:	Ford F-Series, Dodge Ram, Toyota Tundra, Nissan Titan

Engines

	Vortec 4.3L V-6 (LU3)	Vortec 4.8L V-8 FlexFuel (L20)	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:	overhead valve, two valves per cylinder	overhead valve, two valves per cylinder, variable valve timing	overhead valve, two valves per cylinder, variable valve timing
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	8.8:1	9.9:1
Horsepower (hp / kW @ rpm):	195 / 145 @ 4600	302 / 225 @ 5600*	315 / 235 @ 5200* (gas) 326 / 243 @ 5300* (E85)
Torque (lb-ft / Nm @ rpm):	260 / 353 @ 2800	305 / 414 @ 4600*	335 / 454 @ 4400* (gas) 348 / 472 @ 4400* (E85)
Recommended fuel:	regular unleaded	regular unleaded or E85	regular unleaded or E85
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		
EPA estimated fuel economy (city / hwy):	2WD: 15 / 20 4WD: 14 / 18	2WD: 14 / 19 (gas) 4WD: 13 / 18 (gas)	2WD: 15 / 21 (gas) 4WD: 15 / 21 (gas)

Transmissions

	Hydra-Matic 4L60	Hydra-Matic 6L80
Type:	four-speed automatic	six-speed automatic
Gear ratios (:1):		
First:	3.06	4.03
Second:	1.63	2.36
Third:	1.00	1.53
Fourth:	0.70	1.15
Fifth:	—	0.85
Sixth:	—	0.67
Reverse:	2.29	3.06
Final drive ratio (std. & avail.):	3.08, 3.23, 3.42 and 3.73	3.08 or 3.42

Chassis / Suspension

Front:	2WD and 4WD: independent coil-over-shock; monotube shock absorbers
Rear:	solid axle with semi-elliptic, variable-rate, two-stage multi-leaf springs; splayed shock absorbers; monotube shocks available
Steering type:	power-assisted rack-and-pinion (2WD and 4WD)
Steering ratio:	19.2:1
Steering wheel turns, lock-to-lock:	3.5
Turning circle, curb-to-curb (ft / m)	
2WD/4WD Reg. Cab Std. Box:	39.7 / 12.1
2WD/4WD Reg. Cab Long Box:	44.3 / 15.4

Brakes

Type:	power-assisted, front disc/rear drum, four-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. chrome-style steel 17 x 7.5-in. polished cast aluminum 18 x 8-in. chrome-clad aluminum 20 x 8.5-in. chrome aluminum 22-inch (dealer installed)
Tires:	P245/70R17 all season, blackwall P265/70R17 all season blackwall P265/70R17 on/off road, blackwall or white letter P265/65R18 all season, blackwall or white letter P275/55R20 AL2 touring 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):	205.6 / 5222	224.5 / 5702
Overall width (in / mm):	79.9 / 2031	79.9 / 2031
Overall height (in / mm)		
2WD:	73.8 / 1876	73.7 / 1872
4WD:	73.8 / 1876	73.8 / 1876
Track (in / mm)		

Front:	68.1 / 1732	68.1 / 1732
Rear:	67 / 1702	67 / 1702
Min. running ground clearance		
2WD:	8.4 / 215	8.9 / 228
4WD:	9.1 / 231	9.5 / 241
Ground to top of load floor (in / mm)		
2WD:	35.4 / 900	34.9 / 888
4WD:	34.7 / 882	34.5 / 877
Step-in height		
2WD:	22.6 / 574	22.6 / 574
4WD:	22.6 / 574	22.6 / 574
Approach angle (deg)		
2WD:	14.6	15.4
4WD:	15.6	16.3
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):	41.3 / 1051
Legroom (in / mm):	41.3 / 1049
Shoulder room (in / mm):	65.2 / 1656
Hip room (in / mm):	62.5 / 1588

Curb weight & payload

	GVWR (lb / kg)	Base Curb Weight (lb / kg)*	Payload (lb / kg)*	Weight Distribution (% front / rear)
2WD				
Reg. Cab Standard Box:	6400 / 2903	4633 / 2102	1768 / 367	59 / 41
Reg. Cab Long Box:	6400 / 2903	4751 / 2155	1649 / 748	60 / 40
4WD				
Reg. Cab Standard Box:	6400 / 2903	4877 / 2212	1523 / 691	61 / 39
Reg. Cab Long Box:	6800 / 3084	5021 / 2278	1779 / 807	61 / 39

*5.3L with six-speed transmission

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):	78.9 / 2003	97.8 / 2479
Width at floor (in / mm):	62.4 / 1586	62.4 / 1586
Width between wheel housings (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

Trailing

Trailer towing maximum with ball hitch (lb / kg)			
Reg. Cab, Std. Box:		2WD: 9100 / 4127 (5.3L and 3.42 axle)	4WD: 8900 / 4037 (5.3L and 3.42 axle)
Reg. Cab, Long Box:		2WD: 10000 / 4536 (5.3L and 3.42 axle)	4WD: 9800 / 4445 (5.3L and 3.42 axle)

*SAE certified.

Note: Information shown is current at time of publication.

SPECIFICATIONS: SIERRA 1500 EXTENDED CAB

Overview

Models:	TC/TK 10753: extended cab standard box, 2WD & 4WD TC/TK 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 6-foot 6-inch and 8-foot (2 m and 2.4 m) box
EPA vehicle class:	full-size truck
Manufacturing location:	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 FlexFuel (L20)	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:	overhead valve, two valves per cylinder	overhead valve, two valves per cylinder, variable valve timing	overhead valve, two valves per cylinder, variable valve timing
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	8.8:1	9.9:1
Horsepower (hp / kW @ rpm):	195 / 145 @ 4600*	302 / 225 @ 5600*	315 / 235 @ 5200* (gas) 326 / 243 @ 5300* (E85)
Torque (lb-ft / Nm)	260 / 353 @ 2800*	305 / 414 @ 4600*	335 / 454 @ 4400*

@ rpm):			(gas) 348 / 472 @ 4400* (E85)
Recommended fuel:	regular unleaded	regular unleaded or E85	regular unleaded or E85
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		
EPA-estimated fuel economy (city / hwy):	2WD: 15 / 20	2WD: 14 / 19 (gas) 4WD: 13 / 18 (gas)	2WD: 15 / 21 (gas) 4WD: 15 / 21 (gas)

Engines continued

	Vortec 5.3L V-8 FlexFuel (LC9)	Vortec 6.2L V-8 FlexFuel (L9H)
Type:	5.3L V-8	6.2L V-8
Displacement (cu in / cc):	325 / 5328	376 / 6162
Bore & stroke (in / mm):	3.78 x 3.62 / 96 x 92	4.06 x 3.62 / 103.25 x 92
Block material:	cast aluminum	cast aluminum
Cylinder head material:	cast aluminum	cast aluminum
Valvetrain:	overhead valve, two valves per cylinder, variable valve timing	overhead valve, two valves per cylinder, variable valve timing
Ignition system:	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:	Active Fuel Management; sequential fuel injection	sequential fuel injection
Compression ratio:	9.9:1	10.5:1
Horsepower (hp / kW @ rpm):	315 / 235 @ 5200* (gas) 326 / 243 @ 5300* (E85)	403 / 301 @ 5700*
Torque (lb-ft / Nm @ rpm):	335 / 454 @ 4400* (gas) 348 / 472 @ 4400* (E85)	417 / 565 @ 4300*
Recommended fuel:	regular unleaded or E85	premium recommended not required; or E85
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-estimated fuel economy (city / hwy):	2WD: 15 / 21 (gas) 4WD: 15 / 21 (gas)	2WD: 13 / 19 (gas) 4WD: 12 / 19 (gas) AWD: 12 / 19 (gas)

Transmissions

	Hydra-Matic 4L60	Hydra-Matic 6L80
Type:	four-speed automatic	six-speed automatic
Gear ratios (:1):		
First:	3.06	4.03
Second:	1.63	2.36
Third:	1.00	1.53
Fourth:	0.70	1.15
Fifth:	—	0.85
Sixth:	—	0.67
Reverse:	2.29	3.06
Final drive ratio (std. and avail.):	3.08, 3.23, 3.42 and 3.73	3.08 or 3.42 or 3.73 (w/ enhanced trailering)

Chassis / Suspension

Front: 2WD and 4WD: independent coil-over-shock; monotube

shock absorbers

Rear: solid axle with semi-elliptic, variable-rate, two-stage multi-leaf springs; splayed shock absorbers; monotube shocks (available)

Steering type: power-assisted rack-and-pinion (2WD and 4WD)

Steering ratio: 16.73:1

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 Std.Box: 46.9 / 14.3

2WD/4WD Ext. Cab Long Box: 51.2 / 15.6

Brakes

Type: power-assisted, four-wheel disc, four-wheel ABS; or power-assisted, front disc/rear drum, four-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 four-wheel disc: front: 257 / 1656
rear: 113 / 732

Wheels / Tires

Wheel size & type: 17 x 7.5-in. steel
17 x 7.5-in. chrome-style steel
17 x 7.5-in. polished cast aluminum
18 x 8-in. chrome-clad aluminum
20 x 8.5-in. chrome aluminum

Tires: P245/70R17 all season, blackwall
P265/70R17 all season blackwall or white letter
P265/70R17 on/off road, blackwall or white letter
P265/65R18 all season, blackwall or white letter
P275/55R20 AL2 touring 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 / 2031	79.9 / 2031
Overall height (in / mm)		
2WD:	73.9 / 1876	73.6 / 1870
4WD:	73.7 / 1872	73.6 / 1868
Track (in / mm)		
Front:	68.1 / 1732	68.1 / 1732
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:	34.4 / 876	34.1 / 867
4WD:	34 / 864	33.6 / 854
Step-in height		

2WD:	22.6 / 574	22.6 / 574
4WD:	22.6 / 574	22.6 / 574
Approach angle (deg)		
2WD:	15.6	15.3
4WD:	15.8	15.5
Breakover angle (deg)		
2WD:	18	19.6
4WD:	17.8	19.3
Departure angle (deg)		
2WD:	22.8	24
4WD:	22	23.3

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	61.8 / 1570

Curb weight & payload

	GVWR (lb / kg)	Base Curb Weight (lb / kg)	Max. Payload (lb / kg)	Weight Distribution (% front / rear)
2WD				
Ext. Cab Standard Box:	7000 / 3175*	5075 / 2302*	1925 / 873**	58 / 42
Ext. Cab Long Box:	6900 / 3130	5244 / 2378**	1656 / 751**	59 / 41
4WD				
Ext. Cab Standard Box:	7200 / 3266*	5321 / 2414*	1879 / 852*	59 / 41
Ext. Cab Long Box:	7000 / 3175	5488 / 2489**	1512 / 686**	60 / 40

*6.2L with six-speed transmission

**5.3L with six-speed transmission

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):	78.9 / 2003	97.7 / 2483
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 6.2L
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	12.6 / 11.9

Trailer

Trailer towing maximum

with ball hitch (lb / kg):
 Ext. Cab, Std. Box: 2WD: 9700 / 4400 (5.3L and 3.42 axle)
 4WD: 9600 / 4354 (5.3L and 3.42 axle)
 Ext. Cab, Std. Box with
 enhanced trailering pkg: 2WD: 10700 / 4853 (6.2L and 3.73 axle)
 4WD: 10400 / 4717 (6.2L and 3.73 axle)
 Ext. Cab, Long Box: 4WD: 9300 / 4218 (5.3L and 3.42 axle)

*SAE certified.

Note: Information shown is current at time of publication.

SPECIFICATIONS: SIERRA 1500 CREW CAB & DENALI

Overview

Models: TC/TK 10543: crew cab short box, 2WD and 4WD; Sierra Denali
 Body style / driveline: 5/6-passenger Crew Cab, 1/2-ton, 2-and 4- wheel drive light-duty
 pickups available with 5-foot 8-inch (1.7 m) box
 EPA vehicle class: full-size truck
 Manufacturing location: Silao, Mexico, Flint, Mich.
 Key competitors: Ford F-Series, Dodge Ram, Toyota Tundra, Nissan Titan

Engines

	Vortec 4.8L V-8 FlexFuel (L20)	Vortec 5.3L V-8 FlexFuel (LMG)	Vortec 5.3L V-8 FlexFuel (LC9)	Vortec 6.2L V-8 FlexFuel (L9H)
Type:	4.8L V-8	5.3L V-8	5.3L V-8	6.2L V-8
Displacement (cu in / cc):	293 / 4807	325 / 5328	325 / 5328	376 / 6162
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	4.06 x 3.62 / 103.25 x 92
Block material:	cast iron	cast iron	cast aluminum	cast aluminum
Cylinder head material:	cast aluminum	cast aluminum	cast aluminum	cast aluminum
Valvetrain:	overhead valve, two valves per cylinder, variable valve timing	overhead valve, two valves per cylinder, variable valve timing	overhead valve, two valves per cylinder, variable valve timing	overhead valve, two valves per cylinder, variable valve timing
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	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	sequential fuel injection
Compression ratio:	8.8:1	9.9:1	9.9:1	10.5:1
Horsepower (hp / kW @ rpm):	302 / 225 @ 5600*	315 / 235 @ 5200* (gas) 326 / 243 @ 5300* (E85)	315 / 235 @ 5200* (gas) 326 / 243 @ 5300* (E85)	403 / 301 @ 5700*
Torque (lb-ft / Nm @ rpm):	305 / 414 @ 4600*	338 / 458 @ 4400* (gas) 350 / 475 @ 4400* (E85)	335 / 454 @ 4400* (gas) 348 / 472 @ 4400* (E85)	417 / 565 @ 4300*
Recommended fuel:	regular unleaded or E85	regular unleaded or E85	regular unleaded or E85	premium recommended not required; or E85

Maximum engine speed (rpm):	6000	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: 14 / 19 (gas) 4WD: 13 / 18 (gas)	2WD: 15 / 21 (gas) 4WD: 15 / 21 (gas) XFE: 15 / 22	2WD: 15 / 21 (gas) 4WD: 15 / 21 (gas)	2WD: 13 / 19 (gas) 4WD: 12 / 19 (gas) AWD: 12 / 19 (gas)

Transmissions

	Hydra-Matic 4L60	Hydra-Matic 6L80
Type:	4-speed automatic	6-speed automatic
Gear ratios (:1):		
First:	3.06	4.03
Second:	1.63	2.36
Third:	1.00	1.53
Fourth:	0.70	1.15
Fifth:	—	0.85
Sixth:	—	0.67
Reverse:	2.29	3.06
Final drive ratio (std. & avail.):	3.08, 3.23, 3.42 and 3.73	3.08 or 3.42 or 3.73 (w/ enhanced trailering)

Chassis / Suspension

Front:	independent coil-over-shock; monotube shock absorbers
Rear:	solid axle with semi-elliptic, variable-rate, two-stage multi-leaf springs; splayed shock absorbers; monotube shocks (available)
Steering type:	power-assisted rack-and-pinion
Steering ratio:	16.73:1
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, four-wheel disc, four-wheel ABS; or power-assisted, front disc/rear drum, four-wheel ABS
Rotor diameter x thickness (in / mm)	
with disc/drum brakes:	front: 12.99 x 1.18 / 330 x 30 rear: 11.61 x 2.36 / 295 x 60
with four-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 four-wheel disc:	front: 257 / 1656 rear: 113 / 732

Wheels / Tires

Wheel size & type:	17 x 7.5-in steel 17 x 7.5-in chrome-style steel 17 x 7.5-in polished cast aluminum 18 x 8-in chrome-clad aluminum 18 x 8-in chromed aluminum (std. Denali) 20 x 8.5-in chrome-clad aluminum 20 x 8.5-in chromed aluminum (opt. Denali)
Tires:	P24570R17 all season blackwall P265/70R17 all season blackwall or white letter P265/70R17 on/off road, blackwall or white letter P265/65R18 AL2, blackwall (Denali) P265/65R18 all season, blackwall or white letter P275/55R20 AL2 touring blackwall

Dimensions

Exterior

	Crew Cab, Short Box
Wheelbase (in / mm):	143.5 / 3645
Overall length (in / mm):	230 / 5844
Overall width (in / mm):	79.9 / 2031
Overall height (in / mm)	
2WD:	73.8 / 1875
4WD:	74 / 1880
Track (in / mm)	
Front:	68.1 / 1732
Rear:	67 / 1702
Min. running ground clearance (in / mm):	9 / 229
Ground to top of load floor (in / mm):	
2WD:	33.5 / 851
4WD:	33.8 / 860
Step-in height	
2WD:	22 / 561
4WD:	22 / 561
Approach angle (deg)	
2WD:	15.3
4WD:	15.5
Breakover angle (deg)	
2WD:	19.3
4WD:	19.6
Departure angle (deg)	
2WD:	22.8
4WD:	23.1

Interior

	Crew Cab, Front	Crew Cab, Rear
Headroom (in / mm):	41.2 / 1048	40.5 / 1030
Legroom (in / mm):	41.3 / 1049	39 / 991
Shoulder room (in / mm):	65.2 / 1657	65.1 / 1655
Hip room (in / mm):	64.3 / 1635	65.4 / 1663

Curb weight & payload

	GVWR (lb / kg)	Base Curb Weight (lb / kg)*	Max. Payload (lb / kg)*	Weight Distribution (% front / rear)
2WD:				
Crew Cab Short Box	7100 / 3220*	5120 / 2322	1980 / 898	57 / 43
Denali	6800 / 3084	5234 / 2374	1566 / 710	58 / 42
4WD:				
Crew Cab Short Box	7300 / 3311	5372 / 2437	1928 / 875	58 / 42
Denali	7000 / 3175	5396 / 2447	1604 / 727	58 / 42

*6.2L with six-speed transmission and NHT trailering pkg.

Cargo box

	Crew Cab, Short Box
Cargo volume (cu ft / L):	53.2 / 1506
Length at floor (in / mm):	69.3 / 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 6.2L
Engine oil (qt / L):	6 / 5.7	6 / 5.7	6 / 5.7
Cooling system (qt / L):	13.4 / 12.7	14.9 / 14.1	12.6 / 11.9

Trailer

Trailer towing maximum with ball hitch (lb / kg)

Crew Cab, Short Box:	2WD: 9700 / 4400 (6.2L and 3.42 axle)
	4WD: 9500 / 4309 (5.3L and 3.42 axle)
Crew Cab, Short Box (w/ enhanced trailering pkg.):	2WD: 10600 / 4808 (6.2L and 3.73 axle)
	4WD: 10400 / 4717 (6.2L and 3.73 axle)
Denali:	2WD: 9600 / 4354 (6.2L and 3.42 axle)
	AWD: 9300 / 4218 (6.2L and 3.42 axle)

*SAE certified.

Note: Information shown is current at time of publication.