

Chevrolet Camaro & Camaro SS: New for 2012

- Special 45th Anniversary package for Camaro and Camaro SS models, featuring specific hood/deck stripes, badging, new-design 20-inch wheels, special-trimmed interior and more
- High-performance Camaro ZL1 coming in early 2012
- New, standard 3.6L “LFX” V-6 with SAE-certified 323 horsepower (241 kW), which is 20.5 pounds (9.3 kg) lighter and helps maintain fuel economy of up to 30 mpg highway (2LS model)
- FE4 suspension package for Camaro SS coupe enhances handling
- Revised instrument panel on all models, with new instrument graphics and trim
- New steering wheel design
- Power lift feature for the front passenger seat
- Rear Vision Package, which includes a new rearview camera system to complement the rear park assist feature
- Rear spoiler is standard on LS and LT models
- Body-color “shark fin” antenna is part of the RS package
- Crystal Red Tintcoat replaces Red Jewel Tintcoat (later availability)

2012 Chevrolet Camaro & Camaro SS: Highlights

Chevrolet Camaro, America’s most popular sports car, extends its momentum with enhancements for the 2012 model year. Highlights include an improved version of its standard [3.6L Direct Injection V-6 engine](#), a new FE4 performance suspension package for SS coupes and several new interior and technology improvements, such as a revised instrument panel design, new steering wheel and rear camera system.

The enhancements arrive in time for Camaro’s 45th birthday, which will be celebrated with a special 45th Anniversary Special Edition package, offered on Camaro and Camaro SS. Continuing the tradition of Camaro anniversary models, the 45th Anniversary Special Edition carries all the upgrades for 2012, with additional unique design elements, inside and out.

The interior updates include a revised instrument panel appearance, with new instrument graphics and trim, as well as a new steering wheel design and a power lift feature for the front passenger seat. The steering wheel features a fresh new look and ergonomic improvements intended to support performance driving. Also new is a Rear Vision Package, which adds a rearview camera system and an auto-dimming mirror to the existing rear park assist feature. The rearview camera system complements the rear park assist by providing a video display of the area behind the car, with the video image appearing in the car’s inside rearview mirror.

Also coming in early 2012 is [the high-performance Camaro ZL1](#), the most technologically advanced car ever developed in its segment. Check this site for product updates and specifications on the Camaro ZL1 when they become available.

Camaro design

- **Three well-equipped models** – LS, LT and SS – offer sporty, performance-oriented choices for customers.
- **Heritage-inspired interior and exterior** convey sportiness through iconic design cues.
- **New exterior features** include a standard rear spoiler on LS and LT models.
- **The new 45th Anniversary Special Edition** package is available on 2LT and 2SS models. All come standard in Carbon Flash Metallic (black) and include a unique rally stripe in red and silver, with 45th Anniversary graphics on the stripes. Also included are special fender emblems, new 20-inch wheel design in deep silver, RS-style taillamp lenses, standard rear spoiler, standard HID headlamps, body-color roof molding and special-trimmed interior.
- **New color:** Crystal Red Tintcoat replaces Red Jewel Tintcoat (later availability)

Camaro interior

- **A well-executed balance of heritage and contemporary features** provides a fun and comfortable environment for up to four. An ambient lighting package on 2LT and 2SS trims gives the interior a special glow with LED light pipe technology.
- **Revised instrument panel graphics and a new steering wheel** distinguish 2012 models.
- **The interior elements of the 45th Anniversary Special Edition** package – in Jet Black – include leather-trimmed seats with the anniversary logo, white instrument panel and door trim inserts with the anniversary logo, red, white and blue stitching on the seats, and the anniversary logo on the steering wheel and sill plates.
- **Two audio systems** with simple controls are offered and both include standard SiriusXM Satellite Radio for three months (12 months on 2LT and 2SS). The **base** MP3/CD radio includes a six-speaker system, a two-line, 32-character reconfigurable display and the capability to select between AM, FM and XM stations without having to reset the frequency. The **premium** Boston Acoustics nine-speaker/245-watt audio system is available on LT and SS models. All radios include a standard auxiliary input jack for portable devices such as an iPod.
- **Bluetooth connectivity** for selected, compatible phones keeps drivers' eyes on the road and hands on the wheel.
- **Driver and passenger seats** feature six-way adjustable settings (fore/aft, up/down and tilt), with power recline front seats that are standard on LT and SS models. Heated, leather-trimmed seats are part of the 2LT and 2SS trim packages.
- **Additional comfort and convenience** come via the available sunroof and remote vehicle starter on LT and SS models. Head-up display, which projects key instrument, Turn-by-Turn navigation and audio system details on the windshield, is part of the 2LT and 2SS trim packages.

Camaro powertrain

A new, more powerful and more efficient version of the 3.6L direct-injected V-6 is standard on LS and LT models. It delivers an SAE-certified 323 horsepower (241 kW) at 6,800 rpm – 11 horsepower (8 kW) more than 2011 models. It is also 20.5 pounds (9.3 kg) lighter than the previous engine, which enhances efficiency and driving dynamics.

And while more powerful than the current 3.6L, the 2012 Camaro 2LS model delivers an estimated 30 mpg on the highway. Highlights include:

- **New cylinder head design** with integrated exhaust manifold
- **Improved intake port design** and larger intake valves within the cylinder heads
- **Longer-duration** intake camshafts
- **Composite** intake manifold
- **New fuel pump** and isolated fuel rail
- **New, optimized-flow** fuel injectors
- **Structural front cover** and cylinder block enhancements
- **Stronger and lighter-weight** connecting rods
- **Camshaft cap and throttle body** design enhancements.

Two 6.2L V-8 engines are offered in the Camaro SS, including the **L99** on automatic-equipped vehicles and the **LS3** on manual-equipped models. Horsepower for the L99 is 400 (298 kW) at 5,900 rpm and torque is 410 lb.-ft. (556 Nm) at 4,300 rpm. The LS3 develops 426 horsepower (318 kW) and 420 lb.-ft. (569 Nm). Output on the L99 is lower than the LS3 because of a slightly lower compression ratio (10.4:1 vs. 10.7:1) and design features of the Active Fuel Management system.

- **All Camaro models** can be equipped with either a six-speed manual or six-speed automatic transmission with TapShift.
- **The Aisin AY6** six-speed manual is standard with the 3.6L engine, and a Hydra-Matic 6L50 six-speed automatic is optional.
- **A Tremec TR 6060** six-speed manual is standard on the SS, and the Hydra-Matic 6L80 six-speed automatic is optional.
- **The SS model's** Tremec TR 6060 six-speed manual is designed to handle the high torque characteristics of the LS3 engine.
- **The final drive ratio** for LS3 vehicles is 3.45:1.

Camaro chassis and suspension

Camaro features fully independent front and rear suspensions, with the standard independent using a 4.5-link system that includes a unique, L-shaped upper control arm that attaches to the knuckle at one end and incorporates a ride bushing in the rear.

- **Three suspension packages** are offered: FE2 sport on LS and LT models; FE3 on SS Convertible models or new FE4 performance on SS Coupe models.
- **The front suspension** has a dual ball strut system, with a direct-acting stabilizer bar.
- **A sub-frame at the rear** is double-isolated to minimize vehicle body motions and dampen road imperfections.
- **Coil-over shock absorbers** are used in the rear with a decoupled, hollow stabilizer bar.
- **Four-wheel disc brakes** are standard on all models – including Brembo four-piston calipers on SS – with hydraulic brake assist.
- **Rack-and-pinion steering** system with a 16.1:1 ratio on all models.
- **Standard StabiliTrak** electronic stability control on all models.
- **Competitive/sport mode on SS models** enhances on-track performance.

- **Performance Launch Control on SS models** with the manual transmission optimizes hard-acceleration launches for quicker, more consistent performance.
- **LS and LT models** are equipped with standard 18-inch wheels or optional 19-inch wheels; **SS comes with standard 20-inch wheels** and 21-inch wheels are available as a dealer-installed accessory.

The new FE4 suspension offers a performance improvement for the Camaro SS coupe. Elements include:

- **Retuned front and rear dampers.**
- **New 23mm solid front (23 mm) and rear (24 mm) stabilizer bars**, reshaped and positioned outboard of the shock mounts for more effective body control and more precise response.
- **Twenty-inch aluminum wheels and P245/45R20 front/P275/40R20 rear tires.**

Camaro safety and crash-avoidance features

The Camaro is designed to help drivers avoid crashes, while protecting occupants in the event a crash occurs.

- **New Rear Vision Package**, which includes a new rearview camera system to complement the rear park assist feature (standard on 2LT and 2SS; available on 1LT and 1SS).
- **Six standard air bags** include side curtain air bags, which provide head protection for outboard passengers in the event of a side-impact or rollover crash.
- **StabiliTrak** electronic stability control system helps reduce the risk of rollover crashes by keeping the vehicle in the driver's intended path by applying throttle, braking or a combination of both.
- **Standard four-wheel disc brake system** featuring smooth, quiet operation, longer pad life and more resistance to brake pulsation.
- **Pretensioners minimize forward movement** during a collision, and are standard on the front safety belts. Load-limiting retractors cinch the belt more tightly.
- **LATCH (Lower Anchors and Tethers for Children)** child seat attachment system, which is included in all second-row seating positions.
- **Tire pressure monitoring system**, standard on all models.
- **Standard remote keyless entry (RKE)** system provides a second function for the red panic button. Drivers can use it to locate their cars without sounding the panic alarm.
- **Strong body structure to absorb crash energy** and provide a protective "safety cage" around occupants.

OnStar details

OnStar is standard on all Camaro models. It uses GPS and cellular phone technology to automatically call for help in the event of crash. OnStar subscribers also can use the service to be Good Samaritans by sending help to other motorists, and to call for help in other non-crash emergencies.

- **OnStar is the leading provider** of in-vehicle safety, security and information services in the United States and Canada.
- **Six months of complimentary OnStar Directions and Connections** service with Turn-by-Turn Navigation for easier route guidance on all Camaro models. The feature is easy to use because all **directions are sent to the car by an advisor, without the need to stop**. Turn-by-Turn can be cost-effective, since map updates and aftermarket navigation systems are not needed.
- **Stolen Vehicle Assistance** helps police track the vehicle.

###

For immediate release

SPECIFICATIONS

Overview

Models:	Chevrolet Camaro LS, LT and SS
Body style / driveline:	four-passenger, front-engine, rear-drive coupe
Construction:	unitized body frame, one- and two-sided galvanized steel
EPA vehicle class:	coupe
Manufacturing location:	Oshawa, Ontario, Canada
Key competitors:	Dodge Challenger, Ford Mustang, Nissan 370Z

Engines

	3.6L V-6 DI VVT (LFX)	6.2L V-8 (LS3, L99)
Application:	LS, LT	SS
Type:	3.6L V-6	6.2L V-8
Displacement (cu in / cc):	217 / 3564	376 / 6162
Bore & stroke (in / mm):	3.70 x 3.37 / 94 x 85.6	4.06 x 3.62 / 103.25 x 92
Block material:	cast aluminum w/ cast-in-place iron bore liners	cast aluminum w/ cast-in-place iron bore liners
Cylinder head material:	aluminum	aluminum
Valvetrain:	DOHC; four valves per cylinder; continuously variable valve timing	overhead valve; two valves per cylinder; roller lifters; Active Fuel Management (L99)
Ignition system:	electronic individual coil-on-plug; individual cylinder knock control and extended-life platinum-tipped spark plugs	coil-near-plug ignition
Fuel delivery:	direct fuel injection	sequential fuel injection
Compression ratio:	11.5:1	10.7:1 (LS3); 10.4:1 (L99)
Horsepower (hp / kW @ rpm):	323 / 241 @ 6800 (SAE certified)	426 / 318 @ 5900 (LS3)* 400 / 298 @ 5900 (L99)*
Torque (lb-ft / Nm @ rpm):	278 / 377 @ 4800 (SAE certified)	420 / 569 @ 4600 (LS3)* 410 / 556 @ 4300 (L99)*
Recommended fuel:	regular unleaded	premium recommended not required
Maximum engine speed (rpm):	7200	6200 (L99) 6600 (LS3)
Emissions controls:	evaporative emissions system, catalytic converter, equal-length exhaust, dual close coupled and dual under floor catalytic converters, positive crankcase ventilation, intake and exhaust cam phasers, electronic throttle control	evaporative system, close-coupled catalytic converters, positive crankcase ventilation, electronic throttle control
EPA-estimated fuel economy (city / hwy):	18 / 29 (auto) 19 / 30 (auto, 2LS model) 17 / 28 (man)	16 / 25 (auto) 16 / 24 (man)

Transmissions

Hydra-Matic 6L50 six-speed automatic (LS, LT) w/ TAPshift	Hydra-Matic 6L80 six-speed automatic (SS) w/ TAPshift	Aisin AY6 six-speed manual (LS, LT)	Tremec TR6060 six-speed manual (SS)
--	--	--	--

Gear ratios (:1):				
First:	4.06	4.03	4.48	3.01
Second:	2.37	2.36	2.58	2.07
Third:	1.55	1.53	1.63	1.43
Fourth:	1.16	1.15	1.19	1.00
Fifth:	0.85	0.85	1.00	0.84
Sixth:	0.67	0.67	0.75	0.57
Reverse:	3.20	3.06	3.67	3.28
Final drive ratio:	3.27	3.27	3.27	3.45

Chassis / Suspension

Front:	double-ball-joint, multi-link strut; direct-acting stabilizer bar; progressive-rate coil springs; fully adjustable camber, caster and toe
Rear:	4.5-link independent; progressive-rate coil springs over shocks; stabilizer bar; fully adjustable camber and toe
Steering type:	variable-ratio rack-and-pinion
Steering ratio:	16.1:1
Steering wheel turns, lock-to-lock:	2.5
Turning circle, curb-to-curb (ft / m):	37.7/11.5

Brakes

Type:	four-wheel disc w/ ABS; ventilated front and rear rotors; single-piston front calipers and single-piston alloy rear calipers (LS, LT); four-piston fixed Brembo aluminum front and rear calipers (SS)
Rotor diameter, front (in / mm):	LS, LT: 12.64 / 321 SS: 14 / 355
Rotor diameter, rear (in / mm):	LS, LT: 12.4 / 315 SS: 14.4 / 365
Rotor thickness, front (in / mm):	LS, LT: 1.18 / 30 SS: 1.26 / 32
Rotor thickness, rear (in / mm):	LS, LT: 0.9 / 23 SS: 1.1 / 28

Wheels / Tires

	LS	LT	SS
Wheel size and type:	18 x 7.5-inch steel	18 x 7.5-inch aluminum 19 x 8-inch aluminum	20 x 8-inch aluminum (front) 20 x 9-inch aluminum (rear)
Tires:	P245/55R18 all-season	P245/55R18 all-season P245/50R19 all-season	P245/45ZR20 summer (front) P275/40ZR20 summer (rear)

Dimensions

Exterior

Wheelbase (in / mm):	112.3 / 2852
Overall length (in / mm):	190.4 / 4836
Overall width (in / mm):	75.5 / 1918
Overall height (in / mm):	54.2 / 1376
Track, front (in / mm):	63.7 / 1618
Track, rear (in / mm):	64.1 / 1628 (LS, LT) 63.7 / 1618 (SS)
Curb weight (lb / kg):	3769 / 1713 – LS w/ automatic 3780 / 1718 – LS w/ manual 3719 / 1687 – LT w/ automatic 3728 / 1691 – LT w/ manual 3902 / 1770 – SS w/ automatic 3849 / 1746 – SS w/ manual

Weight balance (% front / rear): 52 / 48
Coefficient of drag: 0.37 (LS, LT); 0.35 (SS)

Interior

Seating capacity (front / rear): 2 / 2
Headroom (in / mm): front: 37.4 / 950
rear: 35.3 / 897
Legroom (in / mm): front: 42.4 / 1077
rear: 29.9 / 757
Shoulder room (in / mm): front: 56.9 / 1444
rear: 42.5 / 1080

Capacities

Cargo volume (cu ft / L): 11.3 / 320
Fuel tank (gal / L): 19 / 71.9
Engine oil (qt / L): 3.6L: 7.6 / 7.2
6.2L: 8.9 / 8.5

*SAE certified.

Note: Information shown is current at time of publication.