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Chevrolet Camaro concept : Capturing the Timeless Spirit of Camaro

- Thoroughly modern interpretation of the classic sport coupe
- Dramatic design, responsive performance
- All-new production version to be imported to Europe as of 2009

Geneva. The Chevrolet Camaro Coupe Concept celebrates its European premiere at the 2007 Geneva Motor show. Chevrolet Europe has decided to start importing the production version of this exciting vehicle as of 2009.

Combining dramatic design and exciting performance, the Chevrolet Camaro Concept recaptures the spirit of one of the most popular sport coupes of all time and redefines the Camaro for new generations of fans.

The Camaro Concept embodies the performance and passion that have made first-generation Camaros some of the most sought-after collector cars, updating the formula with a fuel-efficient powertrain, sophisticated chassis and contemporary design execution. The goal is to make the sport coupe relevant to younger enthusiasts while retaining its appeal to current fans.

“Millions of people of all ages fell in love with the Camaro for all of the right reasons,” said Ed Welburn, GM vice president, global design. “Camaros were beautiful to look at and offered performance that could rival expensive European GTs. Yet, they were practical enough to be driven every day and priced within the reach of many new car buyers.”

The long hood, short deck and wide stance of the Camaro Concept leave no doubt that it is a serious performance car. Those looks are backed up by a 400-horsepower aluminum small-block V-8, a six-speed manual transmission, and a sophisticated chassis with four-wheel independent suspension.

Like its forebears, the Camaro Concept would be practical enough for everyday use. It features fuel-saving features like Active Fuel Management™ cylinder deactivation technology, yielding highway fuel economy of 30 mpg or better. Its overall size is a comfortable fit for city streets and suburban parking lots, and its back seat provides occasional seating for two adults.

Lean, muscular design

Because of Camaro's powerful heritage, the GM Design team chose a theme that pays homage to the original Camaro, while being instantly recognizable as an all-new car. The 1969 Camaro, considered by many to be the best first-generation design, was a significant inspiration. However, as GM design teams in Warren, Mich., worked on alternatives for the Camaro Concept, they also turned to the latest Corvette and to aircraft like the YF-22 fighter jet, seeking a design that encompasses the spirit that made the 1969 Camaro great, but interprets that spirit in a fresh, exciting way.

"The overall proportions, long hood and powerful fender forms say, 'This is a front-engine, rear-wheel-drive performance vehicle,'" said Tom Peters, design director, rear-wheel-drive performance cars. The prominent front grille and hood bulge hint at the power of the Corvette-inspired V-8 engine. Large wheels and tires, exposed high-performance brakes and prominent fender shapes signal that the Camaro Concept has the handling and braking to go with the powertrain.

The cockpit of the Camaro nestles between sharply defined fender forms, a design element inspired by fighter planes and the new Corvette. And, like any high-performance vehicle, the clean, purposeful design is integral to the aesthetic. "The Camaro Concept isn't just a styled shape," said Peters. "The design incorporates what the vehicle needs to perform to its optimum level."

The same purposeful design is reflected in the interior of the Camaro Concept. The gauges and splash of orange trim hint at classic first-generation Camaros, but the overall design and execution reflect the no-nonsense functionality that drivers expect from a high-performance Chevrolet sports car.

Performance for the real world

The Camaro Concept features the latest generation of GM's legendary small-block V-8. The 6.0-liter LS2 engine features an aluminum block and heads for light weight, and Active Fuel Management™, which shuts off four cylinders to save fuel when the engine is lightly loaded. This concept version of the LS2 is rated at 400 horsepower, yet it consumes as few as 7.8l/100km.

The Camaro Concept's six-speed manual transmission provides a wide spread of ratios for aggressive acceleration off the line, confident passing and merging and efficient highway cruising.

Modern sports cars are about more than just straight-line speed, so the Camaro Concept features a sophisticated rear-wheel drive chassis. Its independent front and rear suspension features progressive-rate springs and gas-pressurized dampers. Four-wheel vented disc brakes with 14-inch rotors provide confident stopping under all conditions. Enhancing both the performance and appearance of the Camaro Concept are unique five-spoke cast alloy wheels, 21 inches in the front and 22 inches in the rear.

Vehicle type:	two-door, four-passenger rear-wheel drive sport coupe
Wheelbase (in / mm):	110.5 / 2806
Length (in / mm):	186.2 / 4730
Width (in / mm):	79.6 / 2022
Height (in / mm):	53 / 1344
Track (in / mm):	63.8 / 1620 front; 63.3 / 1607 rear
Engine:	6.0-L V-8 LS-2, 400 hp / 298 kw, with Active Fuel Management™
Transmission:	six-speed manual T56
Suspension:	four-wheel independent: MacPherson strut front, multilink rear, progressive rate coil springs, gas-pressurized dampers

Brakes:	four-wheel disc, 14" rotors with four-piston calipers
Wheels:	cast aluminum, 21" front, 22" rear
Tires:	275/30R21 front, 305/30R22 rear

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