



New

The Competition

The Le Mans 24 Hours (*24 Heures du Mans*) is a unique competition, unusual in being a sporting event decided in a single race. This event is not included in any championship and takes place over a single day. It is held once a year at the Sarthe Circuit, near Le Mans (France), one of the world's longest circuits. Organised by the *Automobile Club de l'Ouest* (A.C.O.) it is also the most famous endurance competition on the planet. Around 50 vehicles compete all at once in a range of different classes and categories, with the winner being the vehicle that covers the greatest distance in 24 hours of continuous racing. This is a really tough event which tests drivers' physical endurance and reflexes to the limit, with the cars' engines running at full revs for most of the 24 hours. Over the years things have gradually been made easier for the drivers, each team now counts on three drivers, before 1970 only two were allowed and in the early days it was only one.

The traditional Le-Mans start, typical of endurance racing, was eventually dropped for safety reasons. Nowadays the cars are lined up along the sides of the track with the engines switched off, but with the drivers already sitting in their cars. This way they can have their safety belts fully and properly fastened before the racing gets underway. The Le Mans 24 Hours, which this year is due to celebrate its 74th edition, is sadly also known for having been the scene of motorsport's worst ever accident. This occurred in 1955 and killed around 80 people. Such a terrible occurrence led to the cancellation of a great many races that year, including the German and Swiss Grand Prix's. The last edition, although there were no serious incidents was –as always in the Le Mans 24 Hours- very hard fought. This is illustrated by the fact that, out of the 50 entrants only 23 cars actually completed the race.

**SCX Car**

SCX the digital system have reproduced the Corvette C6R, the flagship of the Corvette Racing Team and winner of the GT1 category in last year's Le Mans 24 Hours. The C6R is characterised by its sporty, aggressive and aerodynamic lines. In terms of decoration Chevrolet have given the car a sober look, largely by using only two colours: a practically uniform yellow for the bodywork, with black reserved for highlighting specific details (around the headlights, the spectacular rear-mounted spoiler, air intakes in the front bumper, side windows and wing mirrors and the front spoiler mounted below the bumper). The model features numerous air intakes, particularly wide on the hood, as required by the demands placed on the real car in high speed endurance racing events, such as the Le Mans 24 Hours.

The front section of the vehicle features some highly attractive headlights and a front spoiler which adds to the sportiness and aggressiveness of the nose at the same time as helping to enhance the vehicle's aerodynamics. Also shown are the four screws located on the bonnet of the original car



A striking aspect of the side view of the C6R are the exhaust pipes built into the skirts and the car's low centre of gravity, which can also be seen, with its bodywork almost flush with the ground, thanks to the competition suspension. The multi-radius wheels and wide, low-profile tires also help to emphasise the model's sporty character. For the interior

SCX the digital system has included a platform made up of two rectangular rails, forming the chassis of the Chevrolet car. Care has also been taken with the details of the – single – driver (crash helmet, overalls and gloves).

The driver's crash helmet is a replica of the one worn by Magnusson, one of the team members, during the competition. At the back the vehicle's enormous rear spoiler catches the eye, reinforcing the car's aerodynamics, and also the large rear window, revealing the reinforcing bars that make up the tubular platform of the chassis. Also check out the round, double, rear lights, one of the distinctive, not to say classical, design features of the mythical Chevrolet Corvette

The real car

The Corvette Racing Team celebrated its 50th anniversary in 2004 and the steady stream of titles that they have won over the years demonstrate that they remain at the very top in terms of international endurance racing, particularly the fact that they have managed to win the last five editions of the Le Mans 24 Hours in the GT1 category

SCX the digital system has reproduced the Corvette C6R, the most technologically advanced car ever created by this American constructor, and the winner of the 2005 Le Mans 24 Hours.

Driven by the three-driver team of Oliver Gavin, Olivier Beretta and Jan Magnussen, the C6R is equipped with a V8 engine producing 600 hp.

The bodywork of this vehicle, built on the basis of the Corvette C6-Z06 platform, is made of carbon fibre and Kevlar, lightweight materials which have managed to bring the car's weight down to 1,162 kg.



Ref. 13220

Chevrolet Corvette C6R the digital system

(3)



Luces Alta Intensidad Efecto Xenón



Imán Extraíble y Regulable



Guía con Suspensión



Guía a.r.s.



Chasis Basculante



Frenos

Test Bench

The launching point of the Chevrolet Corvette is its low centre of gravity. With the extremely generous dimensions of its rear axle and guide distance, the car's impressively short overhang, both front and rear, mean that it is a model that is hardly affected by inertias. Capable of building up a good speed on the straight it will hold its line in the curve, making it an easy and pleasant car to drive.



The partition of rigidities which makes the independent engine mounting also contributes to the Chevrolet Corvette's track performance. Agile when changing lanes and entering the pits, the car is light and easy to manage, quick to react yet smooth to handle. The Corvette is a GT in every sense of the word, achieving its best performance levels when racing on the track.



SPORT MEASURES CHART

Wheel base	84.5 mm	Transmission type	4x2 rear
Distance	101.5 mm	Trasmision ratio	9/27 = 3
Wheel track	62.5 mm	Type of guide	ARS the digital system
Wheel Diameter	21.5 mm	Screws	5 (2+2+1)
Car Weight	96.4 gr	Other	Tilting Chassis Front semi-axels
Bodywork weight	28.1 gr		

MEASURES TABLE

Motor	RX-42
Traction	Rear
Front tyres	Ø 18,3 x 9,8 mm
Rear Tyrs	Ø 18,3 x 9,8 mm