

CATERHAM

FATERHAN

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CATERHAM

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Removable boot cover Abnehmbarer Kofferraumdeckel Capot du coffre amovible Puerta del maletero desmontable Tampa da bagageira amovivel Levehető csomagtartófedél 可拆卸后厢盖 Roll-over bar Überrollbügel Arceau de sécurité Barra antivuelco Barra anticapotamento Bukócsó 防滚杆

Carbon-fibre seats Carbon-Sitze Sièges en fibre de carbone Asientos de fibra de carbono Assentos em fibra de carbono Szénszálas ülések 碳纤维座位 Carbon-fibre wheel arches Carbon-Kotflügel Ailes en fibre de carbone Defensas de fibra de carbono Para-choques em fibra de carbono Szénszálas sárvádðk 碳纤维挡泥板

Supercharged 2.0 litre engine with 310 BHP 2.0-Liter-Turbornotor mit 310 PS Moteur 2 litres suralimenté de 310 ch Motor sobrealimentado de 2.01, 310 CV Motor de 2.0 litros com supercompressor e 310 cv Feltöltött 2,0 litres 310 HP motor 310 马力 2.0 升超强动力引擎

Side exit exhaust system Seitenauspuff Système de pot d'échappement latéral Sistema de escape lateral Sistema de exaustão de saída lateral Oldalsó kipufogórendszer 侧面排气系统

> Ventilated brake discs Luftgekühlte Scheibenbremsen Disques de freins ventilés Discos de freno ventilados Travões de discos ventilados Léghütésű féktárcsák 帶道风系统的制动確剝

Airflow optimised nose cone Aerodynamische Nase Nez avec flux d'air optimisé Morro cónico optimizado para favorecer el flujo de aire Ponta dianteira com fluxo de ar otimizado Optimalizáti levegőáram az orrkúpon 空气动力学优化设计的头锥

The Caterham Seven

The Seven is no ordinary car. With over 50 years of high-performance heritage behind it, it has achieved an iconic status amongst race car enthusiasts the world over. Its simple

racing inspired design and light weight remain as relevant today as when it was first introduced as the Lotus Seven in 1957.





The Perfect Racing Machine

Created by visionary Formula One designer, Colin Chapman, the Lotus Seven was a roadgoing sports car based on racing car principles and supplied to the customer as a build-ityourself kit. A Lotus dealer in the Surrey town of Caterham saw a great potential for the tiny sports car, and in 1973 Caterham Cars bought the rights from Lotus and started to build the third generation 'Series 3' version, which remains in production today.

Put side by side, an original Lotus Seven Series 3 from 1968 would look very similar to the cars being built nearly fifty years later. However, under the skin, Caterham has continued to refine and develop the car, ensuring that its overall racing performance is always highly competitive.

The most powerful Caterham car to date, the Seven 620R, was revealed in 2013. With a 310BHP supercharged Ford engine developed by Caterham, coupled to a six-speed sequential racing gearbox; the 1261 lbs (572 kg) car accelerates from 0-63 mph (0-100 kph) in just 2.8 seconds and has a top speed of 155 mph (250 kph). It also utilises the latest in material engineering, with lightweight carbon-fibre used for the wings, interior panels, dashboard and seats, whilst the wheels and tyres have been developed especially for the car.

It is estimated that there are as many as 1,000 Sevens competing on any given weekend, with championships all over the world from Colombia to Taiwan. The Caterham factory in Dartford, Kent, continues to build 500 cars each year, with well over half of the cars being exported around the world. Although all export cars are now fully built like any other regular road car, customers in the UK still have the option to build their car from a kit, just like the original, and more than 100 do so each year.













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(**Interview 1** (Interview 1)































































































































































































































































































































































































































































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Being a Fan ...

... of both fast cars and LEGO[®] building provided the perfect starting point for Carl Greatrix's idea for a LEGO version of the Caterham Seven.

"One of the most exhilarating drives I've ever had was out on the track in a Caterham Seven. It is brutally fast due to its light weight, and tremendous fun to be in. It really struck a chord in my heart that I never forgot."

"When I got back into building LEGO car models, I thought the shape of the vehicle would lend itself to being modelled well in LEGO bricks, as it is very angular, and if I could find a suitable scale, then I would be able to get all the details into it that I would love to see." "Each version took between two - three weeks to design and then re-design, looking at all possible options. The decal work took another week to get sorted, so its safe to say that each version took the best part of a month to re-design and build to finished standards, then photograph, etc."

"I take my hat off to Henrik, the LEGO designer who worked on my model as he was as passionate about it as I was. You can see that instantly with the version he created. It is superb, and he has done so well to keep it looking just like my original idea even though it is built quite differently."



LEGO[®] designer

Henrik Andersen, was also happy to be involved in this latest LEGO[®] Ideas project.

"It's always really exciting to work on more detailed models. I am a car fan, so I did know about the Caterham Seven before starting on the project".

"My role as a LEGO designer is to ensure that the model can be built according to LEGO quality standards, and it is built in a way so that it can be displayed in LEGO Building Instructions". "Carl really did a great job of converting the real car's shape into a LEGO version, as both the sloping front and the hood are really complex. There were quite a few iterations, at least five or six, before the model was complete so the final version is somewhat different from his original one".

"I am really happy about the proportions of the finished model, it's really close to the real car – and I think it is a nice and clean build".





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