

New Super Sports Car RUF CTR 2017 Runs with High-tech Components of HIRSCHMANN

It was the secret star on the 87th Geneva International Motor Show: the RUF CTR 2017, proud of 710 PS power and a speed of more than 360 km/h. Under the CFRP cover – high-tech amongst others from HIRSCHMANN, the chassis specialist located in Baden-Württemberg. The engineers developed especially for this car a branch solution, exactly adapted to the requirements of the RUF CTR 2017. HIRSCHMANN GMBH delivers about 40 units for front and rear suspension, including sealed heavy duty spherical plain bearings, rod ends, stabilizers, tie rods, push rods and bars. “Chassis bearings in this extra ordinary super sports car are developed and made by us”, sales manager Ingo Schmidberger is pleased about. RUF trusts in spherical plain steel bearings, withstanding highest loads in race sport.

„In chassis applications we already since decades cooperate successfully with HIRSCHMANN. We estimate the constantly high quality of their products and the reliability of the company and therefore use only HIRSCHMANN bearings for our CTR cars”, underlines Alois Ruf, owner of the manufactory in Pfaffenhausen.

In the new CTR 2017 are installed components, which partly have been used already in previous model RUF CTR3 of 2007 and are specially modified for the new car. The exclusive manufacturer of race cars purchases not only single components but also complete units for front and rear suspension from HIRSCHMANN. A roller staking tool designed by HIRSCHMANN helps RUF Automobile GmbH to roll in the bearings by themselves. In this process the force affecting on the bearing is with 700N significantly less than caulking force of 70kN. With the help of three rolls force is applied all over and for a longer period. The result is a bearing position of higher quality and longer lifetime.

Complete Carbon Fiber Monocoque

For the first time the RUF CTR 2017 is based on a carbon fiber monocoque, completely designed and manufactured by RUF. The type code CTR remembers of legendary „Yellow Bird“, RUF's first biturbo coupé that 30 years ago caused amazing enthusiasm in the world of super sports cars. The fourth generation of super sports cars made by RUF is an homage to the RUF CTR of 1987. In design and performance, in technical superiority and perfect function it follows the ideal of the first CTR. A performance weight of only 1,6 kg (3,7 lbs) per PS, the first tailor-made carbon monocoque for well-engineered rear engine concept and the apparently unlimited power producing six-cylinder are the main components transforming the CTR 2017 into a brilliant jewel of automobile craftsmanship.



RUF CTR 2017 on Geneva International Motor Show 2017.

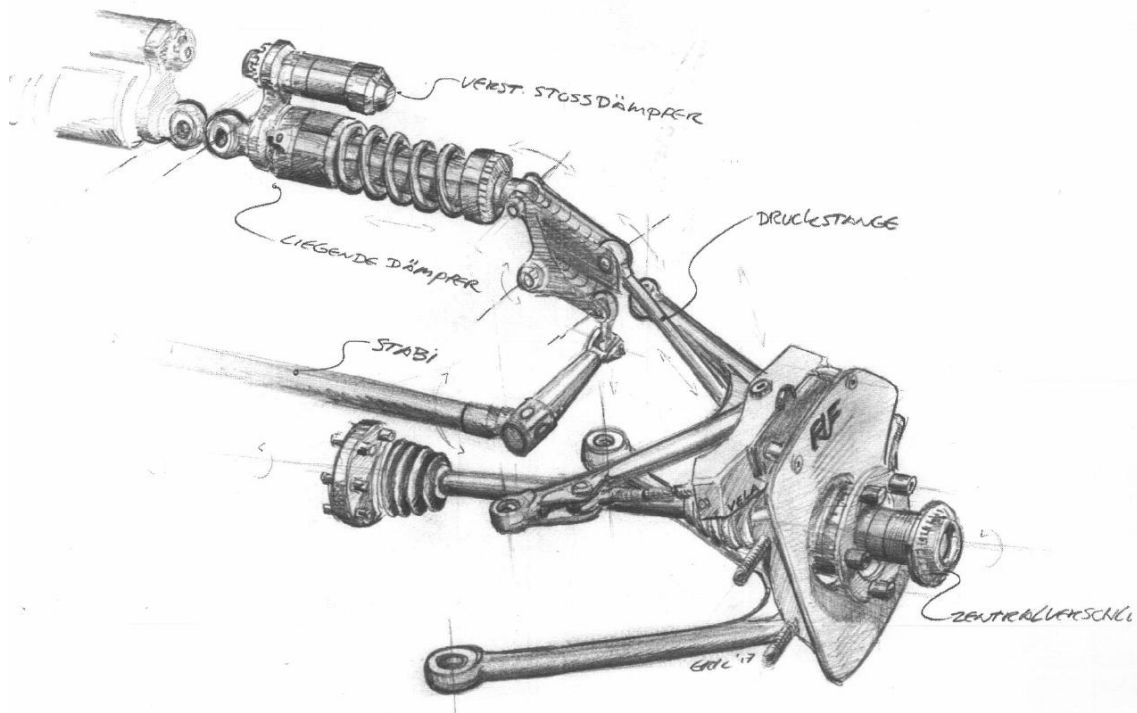
Photo: HIRSCHMANN GmbH

In 2018 RUF will start serial production of the new CTR in Pfaffenhausen.

Scheduled is a limited edition of 30 cars.

HIRSCHMANN

SPHERICAL BEARINGS



Design drawing of rear suspension of RUF CTR 2017.

Photo: HIRSCHMANN GmbH

Pictures and text for download: www.hirschmanngmbh.com/press



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About HIRSCHMANN

For more than 60 years HIRSCHMANN develops and manufactures trendsetting products amongst others for vehicle construction, motor sport, aerospace, railed vehicles, mechanical engineering, naval architecture and wind power plants. Core competences lie in the three product lines Rod Ends and Spherical Bearings, Rotary Indexing Tables and Reference Systems. In these sectors HIRSCHMANN has extensive expert knowledge as well as experience for decades and can offer beside a varied standard assortment also customer-specific solutions. The medium-sized enterprise from Baden-Württemberg with sales companies in US and China actually has about 200 employees.