

## **RUVILLE impressively highlights its kit competence Integral solutions that allow customers saving time and money**

The system specialist RUVILLE increasingly demonstrated its kit competence in the global aftermarket by introducing axial joints kits and crankshaft vibration damper kits with a significant expansion of the portfolio in the field of water pump kits. "Our goal was and is to provide workshops and their customers with holistic, safe and cost-effective solutions in OEM quality for all possible types of repair work in the automotive business," said Georg Wallus, Managing Director of business operations at RUVILLE in advance to this year's trade fair "Automechanika" in Frankfurt, Germany. "This also particularly applies to our greatly expanded range of kits in our PC and vans business segment." Alone in the field of water pump kits, RUVILLE currently offers over 170 kits for all standard European and most recently also Asian PC models. 55 engines of the VW group and Opel are additionally equipped with a thermostat due to the installation location. The comprehensive program also includes numerous chain drive, camshaft as well as tension roller, wheel bearing, strut mounting and protection kits.

With a substantial range expansion in the field of kits, RUVILLE submits itself to the judgement of the international public in the context of the world's largest trade fair "Automechanika" from 14th to 19th September 2010. Based on the core competencies of innovation, creativity and quality, the traditional Hamburg-based company presents a sophisticated, customised and a kit program that is continuously adapted to the needs of its international workshop and wholesale customers as well as to the ever-changing needs of the market for efficient and professional repairs. The main focus for all kits developed and supplied by RUVILLE is always on the idea that the quality, reliability and cost-benefit ratio of vehicle components should always be in the forefront of all considerations. Workshops should therefore never save at the wrong end or even save on safety, but increasingly work on cooperative customer loyalty, especially in view of their customers.

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This philosophy is reflected for instance in the current RUVILLE range of 17 axial joint kits for VW, PSA, Renault, Ford, Opel and BMW models. They not only increase the safety of the vehicles, but also reduce the risk of damage to auxiliary drives and also help saving money in the medium term. The water pump kits for more than forty six-cylinders engines from VW, Audi and Skoda also reflect this. They are all customised workshop solutions that take into account the replacement of all components when the timing belt is replaced and thus avoid subsequent repairs; because the timing belt, the tension roller and the deflection pulley are not subject to wearing. If the water pump is integrated into the timing assembly for example, a higher voltage will be applied to it when replacing the timing belt with a new one. This often results in a water pump failure a few thousand kilometres after the repair work. In order to prevent this expensive consequential damage, RUVILLE recommends the replacement of all components of the timing drive, including the water pump. The current water pump kits mentioned include all necessary tension rollers and deflection pulleys, the timing belt, the water pump and also the thermostat for some vehicles.

For now, just under 40 diesel engines from VW and Seat, RUVILLE offer – in addition to auxiliary drive kits, which have V-belts or V-ribbed belts, tension roller and deflection pulley as well as dampers – crankshaft vibration damper kits in OE quality. The reason: like all other mechanical engine components, the crankshaft vibration damper and the auxiliary drives are exposed to extreme strains. On the one hand, these components absorb the torsional vibrations of the crankshaft and decouple the auxiliary drive from the crankshaft on the other hand. This constant load inevitably results in an increased wearing and increased embrittlement the material and in the worst case to the total failure of the damper, depending on the type of strain. In order to prevent expensive consequential repairs from the outset, the crankshaft vibration damper should be replaced simultaneously to the timing belt.

Even long-lived systems, such as chain drives, are subject to natural wear and are often the cause of serious damage to the engine compartment. The chain drive component kits of RUVILLE guarantee that the complex overall system of the engine increases the specific load capacity and significantly reduce the risk of engine damage through lower vibration characteristics.

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RUVILLE also achieves optimal market coverage through its current technical range of tension roller kits. "Today, all components, whether in timing drives or in auxiliary drives, are subject to far higher forces and strains than they were in previous generations of vehicles," says Katja Rehlen, Head of Business Development and Marketing. "Oftentimes, even up to four units, like the generator, the air-conditioning compressor, the water pump and the hydraulic steering assistance are driven with a single V-ribbed belt. The clamping units are exposed to such extreme forces that the peripheral units can be damaged even a short while after a partial repair." RUVILLE customers therefore have the possibility to replace all affected components in case of failure in the timing drive. Hence, tension roller kits do not only facilitate the installation, but also maintain the reliability and save valuable installation time and thus money. Over 150 such vehicle-specific repair kits are currently available to wholesalers and workshops with all necessary components for a professional timing belt replacement: from tension roller, deflection pulley and guide roller to belt tensioner or even generator sprag clutches.

In addition, the Hamburg company offers vehicle-specific populated camshaft kits for PC and vans, which can be ordered as complete or short kits. The complete kit includes the camshaft, the hydraulic or mechanical tappets, rocker arms or cam followers as well as the shim. Camshaft kits provide for an efficient and optimised power output on the one hand and also meet the current high requirements on the exhaust emission characteristic and the environmental compatibility of modern vehicles.

In order to optimise the road holding, RUVILLE also offers an expanded range of strut mounting kits for PC and vans. Also in this area, the team of 180 employees progressively develops its internationally-valued kit competence. A defective strut mounting requires increased steering forces for example that are not or hardly detected by normal drivers of vehicles with hydraulic steering assistance. But the consequences for the material and the functionality of all other affected chassis components are serious: greater stress and increased wearing.

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This also applies to dust protection caps of shock absorbers. If they are not renewed at replacement, dirt particles penetrate through the leaks in the damper unit and can damage the component in the long term. Time-consuming and expensive repairs can therefore be prevented by using or installing high-quality RUVILLE protection kits that are available for nearly all European and Asian vehicles.

Customers in over 100 countries in the world value this comprehensive kit competence and can also rely on the perfect logistics and the round-the-clock working enterprise resource planning system of RUVILLE.

## **Your contact person at Egon von Ruville GmbH:**

Katja Rehlen  
Head of Business Development and Marketing  
Egon von Ruville GmbH  
Billbrookdeich 112  
22113 Hamburg  
Tel: 040 – 733 44 – 363  
Fax: 040 - 733 44 – 429  
E-mail: [krehlen@ruville.de](mailto:krehlen@ruville.de)  
[www.Ruville.de](http://www.Ruville.de)