



Water pumps and water-pump kits.

Reliable. Efficient. Easy to install.



More garage knowledge:

www.repxpert.de

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*Toll-free number, Mon. to Fri. from 8 a.m. to 5 p.m.

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SCHAEFFLER
AUTOMOTIVE AFTERMARKET

Schaeffler Automotive Aftermarket. More innovation, more quality, more passion.

Schaeffler Automotive Aftermarket – four strong brands.

Whenever a vehicle has to be taken to a garage, the first choice for repair is usually the products and repair solutions from Schaeffler Automotive Aftermarket.

With its four brands – LuK, INA, FAG, and Ruville – the business unit is responsible for the worldwide replacement-parts business of the Schaeffler Group. Whether it's passenger cars, light commercial vehicles, trucks, buses, or tractors: Schaeffler Automotive Aftermarket has decades of experience on the independent spare parts market, and today offers tailor-made solutions for many different kinds of repair requirements. Our products are known for being technologically advanced and for their superior quality.

Just as important to us is always offering a leading portfolio for all vehicle types and models. This is because today's garage professional constantly faces challenging repair situations due to innovative technologies, the large number of vehicle models, ever-more complex vehicle components and service tasks. That's why the Schaeffler Automotive Aftermarket portfolio has everything needed for replacing parts – from original-equipment parts to well-thought-out repair solutions, and even the right special tools.

Schaeffler REPERT – the online portal with everything a garage might need.

Schaeffler Automotive Aftermarket's REPERT represents a new dimension in service – including the online portal, live technology demonstrations, and training. Here you'll find all of our technical services at a single location. Are you interested in the latest product news, in information about our services, installation guidelines, or training seminars? Are you looking for specific information about damage diagnosis? Or do you require concrete measures to help make everyday work at your garage easier? Then register now. It's free – and only takes a few clicks – at **www.repxpert.de**.



Our brands and products.

Schaeffler is a leading company of the automotive industry. With its product brands LuK, INA, FAG, and Ruville, Schaeffler is a global leader for roller and plain bearing solutions, for linear and direct-drive technology; and it is a highly-respected supplier to the automotive industry of precision components and systems for engines, transmissions, and chassis.

This globally-active corporation is one of the largest family-owned companies in Germany and Europe. Schaeffler has a worldwide network made up of production sites, research and development facilities, sales companies, engineering offices, and training centers.



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We recognize what's needed and develop the right solutions. Our success has many components.

Thinking ahead. Acting ahead.

We're convinced that sustainable success and consistently-high customer satisfaction can only be achieved by one thing: benchmark quality. As a system specialist for engines and chassis, we pursue this standard in our products as well as our services. We always think ahead and deliver the latest repair-solution technology in original-equipment quality that meets market demands – including all necessary mounting parts for nearly all current European and Asian vehicle models. And, naturally, we make no exception to this high standard when it comes to our water pumps and water-pump kits.



Perfected, not just optimized. Our new water pumps.

Residue in the cooling circuit, abrasive particles, wear – water pumps are subjected to numerous load conditions on a daily basis. Only components tuned to work perfectly together can guarantee high reliability here. One more reason why every part is tested regularly during development and assembly of our water pumps – in our own laboratory and by independent institutes such as the RWTH Aachen University and Germanischer Lloyd. Superior engineering know-how, together with Schaeffler's original-equipment expertise with water-pump bearings and thermal management modules, have also flown into our new water pumps.

For example, we counteract the main cause of coolant loss by equipping our water pumps with face seals made of silicon carbide, an extremely hard and wear-resistant material that is highly resistant to thermal shock. For the counter ring we use carbon graphite, a material that ensures the counter ring always fits the face ring – for optimal sealing properties.

The new design delivers perfect pumping capacity. It features a vane design that ensures optimal flow rates, a flow-optimized form for the housing, and a drainage system that is very effective at allowing coolant to dissipate if necessary.

Benefits at a glance:

- High wear resistance
- Low-friction operation
- Resistant to thermal shock
- Delivers optimal pump capacity
- Ideal drainage system

Quality redefined:

- New mechanical seals
- New design

The mechanical seal

A combination as hard as possible and as soft as necessary – with a face ring of silicon carbide and a counter ring of carbon graphite.



For top performance in every driving situation: intelligently-controlled water pumps.

Euro 6 is another tough challenge for the automotive industry when it comes to emission limits. New water-pump generations are making an important contribution here – but at the same time this means new requirements for garages. That's why Ruville offers its garage and distributor partners not only the latest water-pump system technology, but the necessary specialized knowledge to go along with it, too.

Thermal management module with the water pump.

This innovative system solution combines Ruville's product and KIT expertise with the development know-how of the Schaeffler Group. Thermal management controls engine temperature appropriately, right from the beginning. It controls the amount of coolant flowing through the engine's diverse coolant circuits according to operating conditions and the driving situation, which increases cooling efficiency. To ensure easiest possible installation, thermal management is available to the independent aftermarket as a complete module – including all mounting parts needed for replacement.

Applications for numerous vehicles of the Volkswagen Group – for instance the 1.8 or 2.0-liter TSI and TFSI engines.



Fully-variable, electric water pump.

Water pump 65057 is a fully-electric water pump that is not belt-driven, but is operated by the on-board 12V network. It is delivered with all parts needed for mounting.

Applications for the BMW 1 Series, 3 Series, the 1 Series Touring, and the 3 Series Touring models with the N55 engine.



Vacuum-operated water pump.

Water pump 65482 is vacuum-operated, belt-driven, and controlled by negative pressure.

Applications for VW, the Audi 1.2-liter TSI and TFSI engines.



Equipped for the future.

Thanks to a portfolio that grows with each new challenge.

By expanding its portfolio to include intelligent water pumps, Ruville is joining forces with the Schaeffler Group for the future and is once again tackling the challenges its garage partners face. One of these is the trend towards intelligently-controlled water pumps. One more reason for Ruville to systematically expand its portfolio in this segment and to enlarge it in the future for further model ranges.

Work efficiently.
Our water-pump kits have everything you need in a single package.

To avoid secondary damage and costs, it's best to replace all components of the belt-drive system whenever the timing belt is replaced. Besides the drive belt, tension roller, and a deflection pulley, the (sometimes) integrated water pump is often affected by wear as well.

The most efficient solution for this is one of our practical and easy-to-use kits. Besides the water pump, it also contains the tension roller, deflection and guide pulleys, along with all the necessary accessory parts such as screws, nuts, and seals.

For engines with the thermostat mounted directly behind the timing belt, which would need replacing at a later date and entail removing the timing belt again, we also offer twelve water-pump kits that include a thermostat.

Benefits at a glance:

- A large portfolio
- Contains all mounting parts needed for repair in original-equipment quality
- Offers a kit for nearly all current European and Asian vehicle models
- Helps avoid complicated follow-up repairs
- Helps increase customer satisfaction
- Includes installation guidelines, also as a video

