



# Chain drive components

Perfectly linked for your success.



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## Schaeffler in the Automotive Aftermarket – more innovation, more quality and more service.

### Schaeffler in the Automotive Aftermarket – four strong brands.

Whenever a vehicle needs to go to the garage, our products and repair solutions are usually first choice to fix them. With our four strong brands LuK, INA, FAG, and Ruville, we are a reliable global partner – offering repair solutions for passenger cars, light and heavy commercial vehicles as well as tractors.

Whether for the transmission, engine, or chassis – all products are based on a comprehensive systems approach. Innovation, technical expertise, and the highest material and manufacturing quality make us not only one of the leading development partners for vehicle manufacturers, but also a pioneering provider of value-retaining spare parts and complete repair solutions – always in original equipment quality. Our comprehensive portfolio includes products and repair solutions for clutches and clutch release systems, engine and transmission applications, and chassis applications. All components are optimally tuned to work together perfectly, and allow fast and professional parts replacement.

Under the INA brand, Schaeffler offers cross-system know-how for the four key engine systems and transmission components: As a full-range supplier, the INA product portfolio includes engine components for timing drive (for vehicles with belt and chain drive), front end auxiliary drive (FEAD), valve train, and the engine cooling system. Moreover, Schaeffler offers all necessary components for a professional repair of transmission and differential repair. The spare-parts program consists of individual parts and complete solutions with innovative KITS and SETs, as well as the GearBOX.

### Schaeffler REPPERT – the service brand for garage professionals.

Under the REPPERT brand we offer a comprehensive package of services for the products and repair solutions of the LuK, INA, FAG, and Ruville brands. Looking for specific information or damage diagnosis? Are you in need of particular tools to make your everyday garage routine easier? Whether online portal, service hotline, installation instructions and videos, training seminars, or events – all technical services are provided in just one place. Then simply register for free in just a few clicks at: [www.reppert.com](http://www.reppert.com).

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## **Our chain drives are not the only things that are perfectly linked.**

### **Competence and components from a single source.**

Not just our chain drives are perfectly linked. Under the INA brand, Schaeffler offers cross-system expertise in the four key engine systems. The full-range supplier's product portfolio also includes components for belt-driven timing drives, front end auxiliary drives, valve trains and cooling systems. The spare part range offers individual products as well as kits and sets. In addition to receiving the highest-quality products, you can rely on having everything you need for a fast and smooth repair.





## **Chain drive repair avoids consequential damages.**

### **Quality that sets the standard.**

More and more vehicles are being equipped with engines featuring chain drives as standard. These engines are considered to be low maintenance, but the systems are continuously subject to wear and tear. The vibrations and forces occurring within the engine, as well as the use of unsuitable oils, cause an enormous strain on the materials installed. Because the chain drive components work behind the scenes, this wear and tear is not always seen during an inspection. And, as it is usually the case, engine damage results. That's why the first warning signs, such as a rattling engine, should be closely examined. This ensures that defect components can be detected at an early stage and replaced before any damage is done.

Because all the parts are perfectly coordinated with one another, and to guarantee a smooth interaction of the parts, the entire system should always be replaced at the same time. INA offers a comprehensive and technically elaborate spare parts program: Intelligent kit solutions as well as individual components that are perfect for any kind of repair.

## When it comes to chain drive components, we have everything at hand.

### Simply complete. Completely simple.

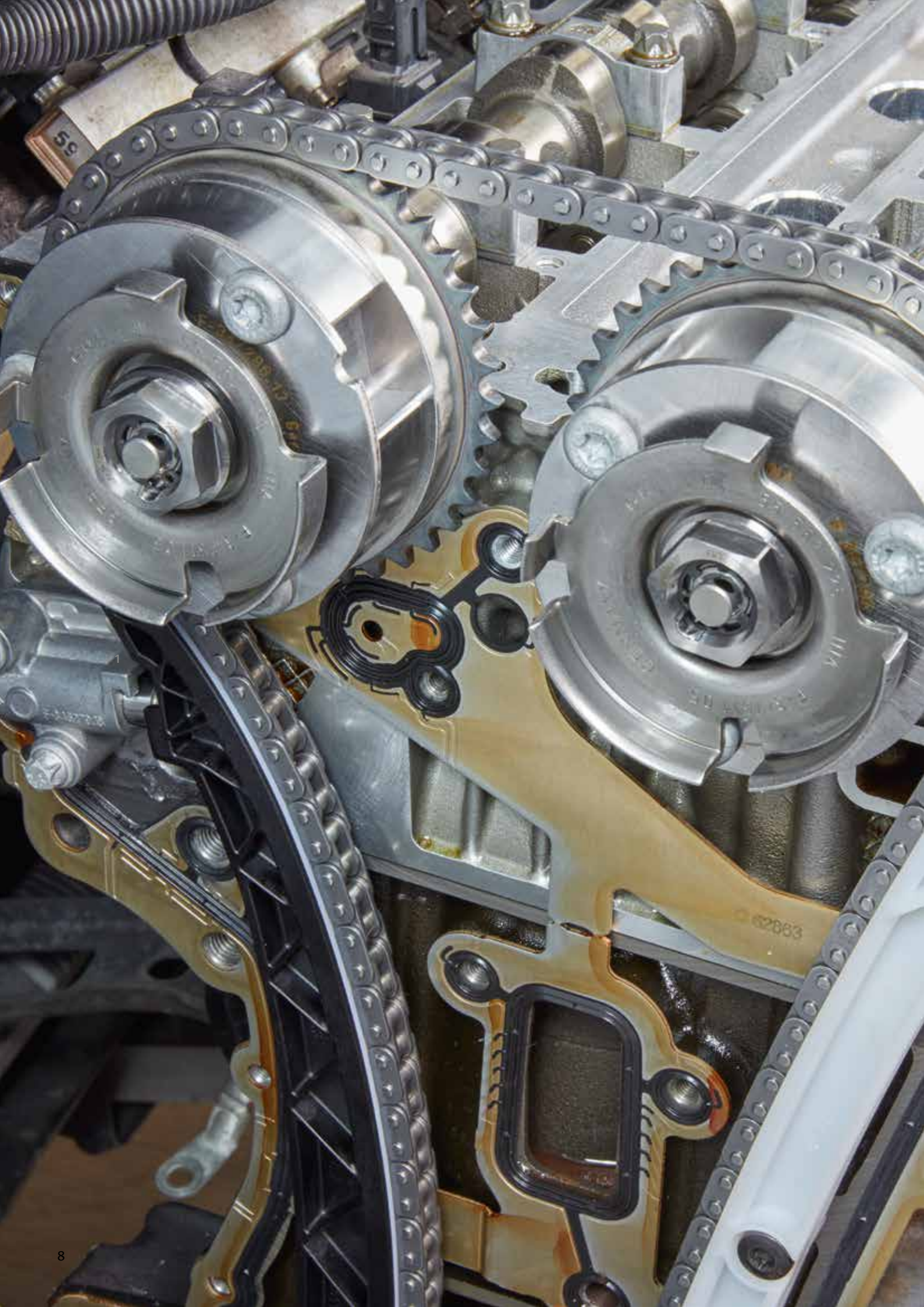
Diversity is just one advantage of our product range. With the easiest possible installation in mind, our chain drive components are perfectly coordinated with all the necessary secondary parts. We offer complete solutions for a number of vehicle models today. And to meet your needs in the future, too, we are continually working on expanding our program.

### The whole program for your success:

- Chains
- Slide and guide rails
- Hydraulic and mechanical tensioners
- Sprockets
- Gaskets
- Complete chain drive kits









## The links in our chain of success at a glance.

### Our know-how – your advantages.

All of our kits and components are perfectly coordinated with each other – and offer your customers an entire range of benefits in terms of installation and service.

### Always cutting-edge.

Profit from our continually growing program and the expansion of our kits on offer.

### The benefits at a glance:

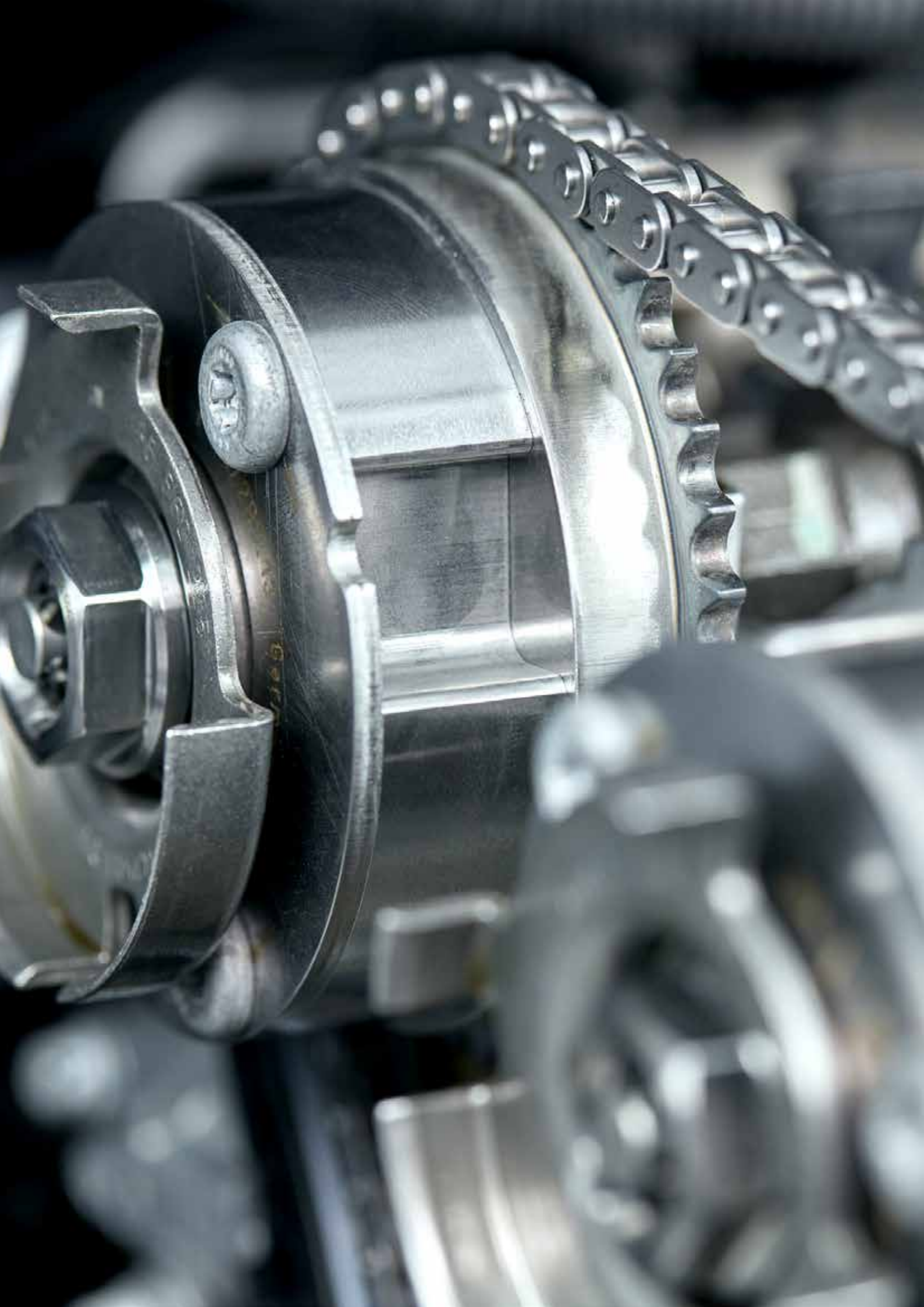
- All components in from a single source
- Easy allocation, simple ordering process
- High customer satisfaction
- Incl. all the necessary mounting and sealing materials
- Special tools for specific applications

## Profit from the successful trend and tap into new opportunities.

The trend is obvious: Around half of all vehicles are now equipped with chain drives. Profit from this development and offer your customers reliable, high-quality chain drive components from our broad program of repair solutions. Count on the complete kits from INA. They help you to

avoid potentially costly damages in the future and ensure higher satisfaction – both in the garage as well as among your customers.





## Always ready to go: The INA special tool kits.

As our partner, you know the benefits of the technically fine-tuned chain drive systems from INA. INA special tools for timing chain drives, designed to repair all main engines from the Volkswagen Group, make it particularly convenient and efficient to perform inspection, repair and assembly tasks.

With the basic tool kit for TSI 1,0–1,6 l (part no. 400 0479 10), the supplementary tool kit for TSI 1,8–2,0 l (part no. 400 0480 10) or the complete tool kit for all the specified engines (part no. 400 0478 10) you will always have the right tool to hand.

If you are interested in receiving the latest product news, fitting instructions, training or events, take a look at Schaeffler REPERT, which brings a new dimension to workshop services. Simply sign up now for free at [www.repxpert.com](http://www.repxpert.com)

### Contents of the toolbox:

- Puller for ignition coils
- Adjustment and mounting tools for the camshafts and crankshafts
- Various locking pins and rods
- Counterholding tools
- Bolts in various sizes

1,0 l 8V 4 Zyl.  
1,2 l 6V/12V 3 Zyl.  
1,2–1,6 l TSI/TSFI/FSI  
1,8–2,0 l TSI/TSFI/FSI  
engines from the Volkswagen Group



Basic tool kit (1,0–1,6 l), part no. 400 0479 10



Supplementary tool kit (1,8–2,0 l), part no. 400 0480 10

Complete tool kit (1,0–2,0 l), part no. 400 0478 10



