



PIERBURG



# SPOTLIGHT

SYSTEM COMPONENTS AND SERVICE  
FOR SPECIALIST REPAIR

TAKING RESPONSIBILITY IN A CHANGING WORLD



RHEINMETALL



KOLBENSCHMIDT



PIERBURG



EngineComponents



# NO FAKES

## THE ORIGINAL PACKAGING FROM MOTORSERVICE

More protection from forgeries means more security for you and your customers. This is exactly what the original packaging from Kolbenschmidt, Pierburg, TRW Engine Components and BF guarantees. It features what is possibly the most forgery-proof system available today.

Further information:



TAKING RESPONSIBILITY IN A CHANGING WORLD



RHEINMETALL

## MOTORSERVICE GROUP

### QUALITY AND SERVICE FROM A SINGLE SOURCE

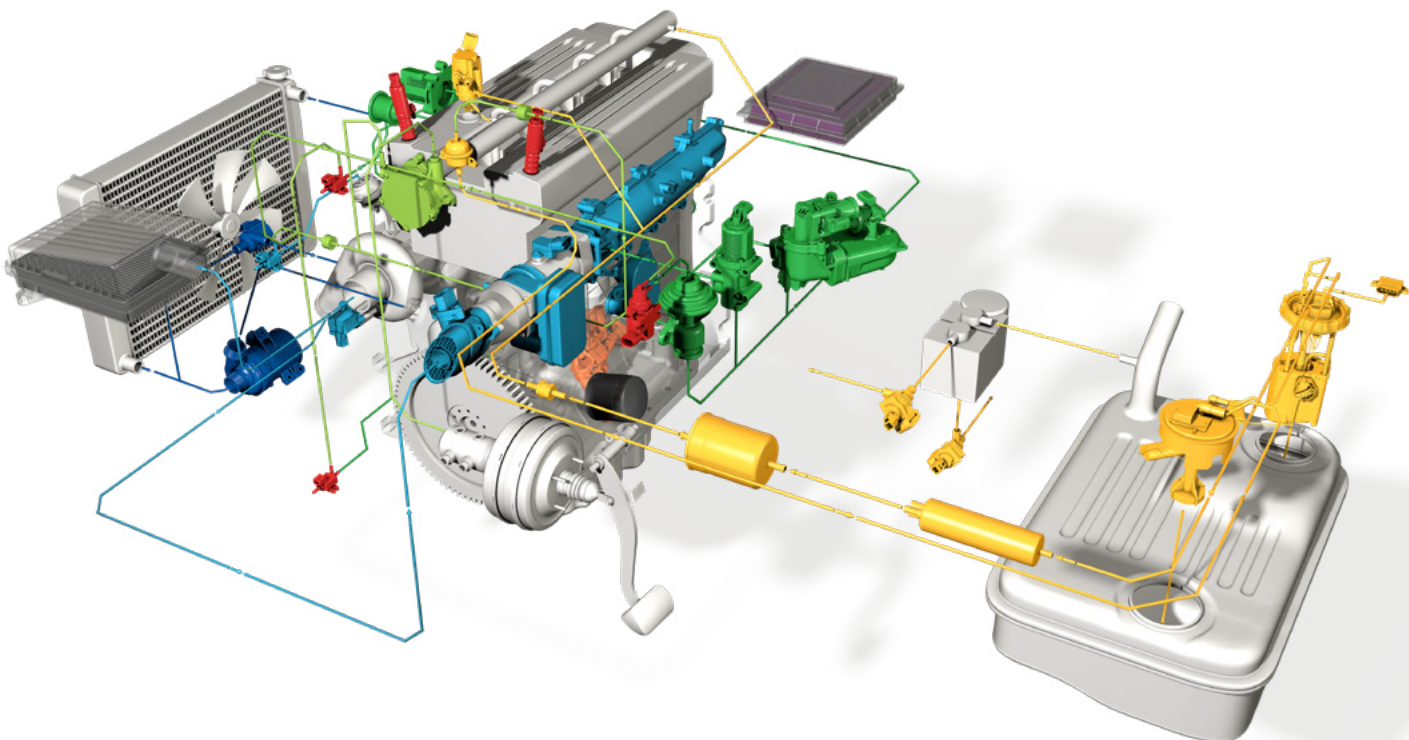
The Motorservice Group is the sales organisation for the global aftermarket activities of Rheinmetall. It is a leading supplier of engine components for the independent aftermarket. With the premium brands Kolbenschmidt, Pierburg, TRW Engine Components and the brands BF and Turbo by Intec, Motorservice offers its trade and repair shop customers a wide and comprehensive range of top-quality products. As a problem solver for trade and repair shops, the corporation also offers an extensive service package. Motorservice customers benefit from the combined technical know-how of a large international automotive supplier.

### PIERBURG – THE PREMIUM BRAND AROUND THE ENGINE.

The Pierburg product range includes components, modules and systems for fuel supply, air supply, emission control and vacuum generation, as well as mechanical and electrical water pumps.

### PIERBURG PRODUCTS STAND FOR

low pollutant emission, good fuel consumption, reliability, quality and safety and are used in a variety of systems all around the engine.





## FUEL SUPPLY

### Everything for the „circulation“ in the vehicle

From fuel pumps, pump modules and sender units, from system-pressure regulators, non-return valves and regeneration valves, through to canister purge valves: Motorservice offers a wide range of components that are indispensable in the fuel system – in proven Pierburg quality.



## AIR SUPPLY

### For increased efficiency and more driving enjoyment

Throttle bodies, intake manifolds and suction pipe modules for controlling the optimal air quantity – these products with sophisticated technology guarantee optimal performance, driving comfort and the correct torque, with the lowest possible fuel consumption.



## WATER PUMPS

### Demand-based cooling for a long engine life

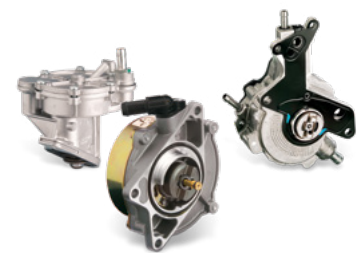
The electrical coolant pumps from Pierburg guarantee demand-based engine cooling, reduce the power requirements and cut frictional losses, fuel consumption and pollutant emissions. Pierburg also produces over 7 million mechanical water pumps as original equipment each year. The pumps are characterised by high-quality components.



## OIL PUMPS

### Perfected oil supply

Rheinmetall develops and supplies oil pumps to all leading engine manufacturers and owns numerous patents. Building on this know-how, Motorservice offers pumps for a multitude of passenger car and utility vehicle applications. Make the most of this experience at a fair cost-benefit ratio.



## VACUUM PUMPS

### Reliable vacuum for a large number of control elements

The precision pumps from Pierburg produce the required vacuum for the brake booster, controlling the functions of the central locking system, air conditioning, automatic transmission unit, emission control systems and other control elements.



## EXHAUST GAS RECIRCULATION (EGR)

### Emissions reduced by 50 % before the catalytic converter is even reached

There's a reason why Pierburg is represented as the OEM in a large number of modern vehicles with EGR valves and EGR coolers. The corrosion and temperature-resistant materials used in the Pierburg products guarantee lasting function under the harshest conditions, e.g. aggressive exhaust gas condensate, temperatures up to 700° and pressures up to 3 bar.



## SECONDARY AIR SYSTEM

### Efficient emission control during the cold start phase

Pierburg is the market leader in Europe for secondary air systems and is therefore involved in the development of a large number of vehicles. The Pierburg range is unrivalled with over 30 versions.



## WATER CIRCULATING PUMPS

### Flexible, independent helper with high temperature resistance

The Pierburg water circulating pumps are characterised by a low weight and high media and temperature resistance. They are used where cooling or heating functions have to be carried out independently from the engine speed, e. g. auxiliary heating or cooling turbochargers, drive and battery in electric vehicles.



## ACTUATORS

### Small transformer with a big impact

Whether control valves for camshaft adjustment, electric drive modules for actuating tumble / swirl flaps, stepper motors for idle control or servo motors for adjusting variable intake manifolds – Pierburg actuators can be found wherever adjustments are required.

# KNOW-HOW TRANSFER

## PROFESSIONAL KNOWLEDGE FROM THE EXPERTS

### WORLDWIDE TRAINING

#### Direct from the manufacturer

Each year, around 4,500 mechanics and engineers benefit from our training courses and seminars, which we hold on-site in locations across the world or in our training centres in Neuenstadt, Dormagen and Tamm (Germany).

### TECHNICAL INFORMATION

#### From practical experience for practical use

Our Product Information and Service Information publications, technical brochures and posters keep you at the forefront of the latest technological developments.

### TECHNICAL VIDEOS

#### Knowledge transfer via video

Our videos provide you with useful information on our products, such as hands-on fitting instructions and system descriptions.

### PRODUCTS IN FOCUS ONLINE

#### Our solutions explained clearly

Interactive elements, animations and video clips provide interesting information about our products in and around the engine.

### ONLINESHOP

#### Your direct access to our products

Order at any time. Quick availability check. Extensive product search by engine, vehicle, dimensions etc.

### NEWS

#### Regular information via e-mail

Subscribe online to our free newsletter now and receive regular information about additions to the product range, technical publications and much more.

### INDIVIDUAL INFORMATION

#### Especially for our customers

We provide extensive information and services relating to our wide range of services: e.g. personalised sales-promoting materials, sales support, technical support and much more.



### TECHNIPEDIA

#### Technical information on all aspects of the engine

We share our know-how with you in our Technipedia. You can get professional knowledge direct from experts here.

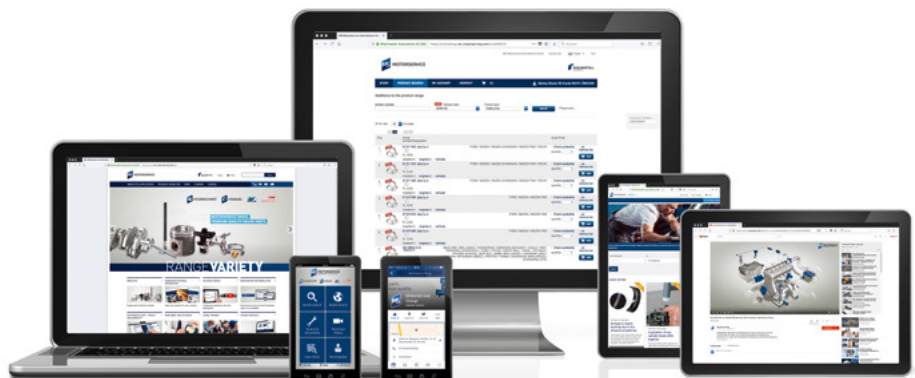
### MOTORSERVICE APP

#### Access technical know-how on the move

Here, you will find the latest information and services relating to our products quickly and easily.

### SOCIAL MEDIA

#### Always up to date





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