

## SERVICE LIFE OF THREE MILLION KILOMETRES, DAILY LOAD OF 30 TONNES.

The drives of utility vehicles have to withstand particularly high stresses. The reliability of drive components is an absolute necessity to keep the total costs of ownership low. Under the brand BF, Motorservice sells engine components of the highest quality which are designed for a long service life and efficient repairs.

## SERVICE IS WHAT DRIVES US

There's a reason that "service" is part of our name: It is a promise to our customers. Our logistics centres with a hall area of 40,000 m<sup>2</sup> and up to 7,000 pick positions per day therefore guarantee a high availability and immediate delivery. BF products impress as high-quality solutions for a repair based on the current market value and at market-oriented prices. We also constantly analyse the worldwide use of utility vehicles and their failure rates and use this information to develop our spare parts range for the free aftermarket.

## CROSS-BRAND OFFER

Our extensive product range covers engines from Volvo, Scania, Mercedes-Benz, MAN, Iveco, Deutz, DAF, Cummins and many other engine manufacturers.

## MOTORSERVICE GROUP

### QUALITY AND SERVICE FROM A SINGLE SOURCE

The Motorservice Group is the sales organisation for the worldwide aftermarket activities of Rheinmetall Automotive. It is a leading supplier of engine components for the independent aftermarket. With the premium brands Kolbenschmidt, Pierburg, TRW Engine Components and the BF brand, Motorservice offers its customers a wide and comprehensive range of top quality products from a single source. 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.

## RHEINMETALL AUTOMOTIVE

### RENOWNED SUPPLIER TO THE INTERNATIONAL AUTOMOTIVE INDUSTRY

Rheinmetall Automotive is the mobility division of the technology corporation Rheinmetall Group. With its premium brands Kolbenschmidt, Pierburg and Motorservice, Rheinmetall Automotive is a global leader in the relevant markets for air supply systems, emission control and pumps and in the development, manufacture and spare-parts supply of pistons, engine blocks and plain bearings. Low pollutant emissions, good fuel economy, reliability, quality and safety are the main driving forces behind the innovations of Rheinmetall Automotive.



KOLBENSCHMIDT



PIERBURG



TRW  
EngineComponents

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KOLBENSCHMIDT



TRW  
EngineComponents

# ENGINE REPAIR

**MAXIMUM PERFORMANCE  
UNDER HIGH LOAD**

OUR **HEART** BEATS  
FOR YOUR ENGINE.



**MOTORSERVICE**  
RHEINMETALL AUTOMOTIVE

# ENGINE COMPONENTS IN PREMIUM QUALITY

- 01 Cylinder liner
- 02 Cylinder head
- 03 Rocker arm bearing block
- 04 Rocker arm bush
- 05 Rocker arm
- 06 Valve guide
- 07 Valve seat insert
- 08 Piston
- 09 Piston rings
- 10 Valve-spring + accessories
- 11 Intake/exhaust valves
- 12 Cylinder head bolt
- 13 Conrod bush
- 14 Connecting rod bearing
- 15 Oil injection jet
- 16 Fly wheel
- 17 Oil pump
- 18 Main bearing
- 19 Crankshaft
- 20 Connecting rod bolt
- 21 Connecting rod
- 22 Sealing ring
- 23 Crankcase
- 24 Camshaft bearing
- 25 Camshaft
- 26 Tappet
- 27 Valve push rod
- 28 Water pump

