

PREXAparts is Brechmann Handels GmbH & Co. KG's performance brand for high-quality OE ident parts. With over 45 years of experience, we only supply selected ident parts of outstanding quality that meet and often exceed the OE parts standard in terms of precision, quality and function. We deliver top quality at competitive prices – fast, reliable and efficient.

## High Pressure Pumps

### Benefits at a glance

Production and process safety as well as quality assurance comply with official OE standards

PREXAparts products offer the same accuracy and service life as the original parts

Every product is subject to PREXAparts quality assurance checks

PREXAparts products are designed as 1:1 replacements for OE parts and offer the same reliability

Always up-to-date database of all items – available at any time on TecDoc

Our large stock ensures fast and high availability at all times



### Facts & Know-How



The development of increasingly powerful and economical petrol engines made the use of direct fuel injection necessary. High-pressure pumps are therefore standard in the fuel system. While the system pressure in the low-pressure circuit, from the tank to the high-pressure pump, does not exceed 6 bar, in the high-pressure circuit a pressure of 50 to 350 bar is required for the injection.

This pressure is generated by the high-pressure pump, which enables precise, atomised injection and thus ensures lower fuel consumption and cleaner combustion in particular.

The high-pressure pump also optimises smooth engine running, best possible performance and good starting behaviour.



› Expertise › Qualification › Quality › Reliability

