

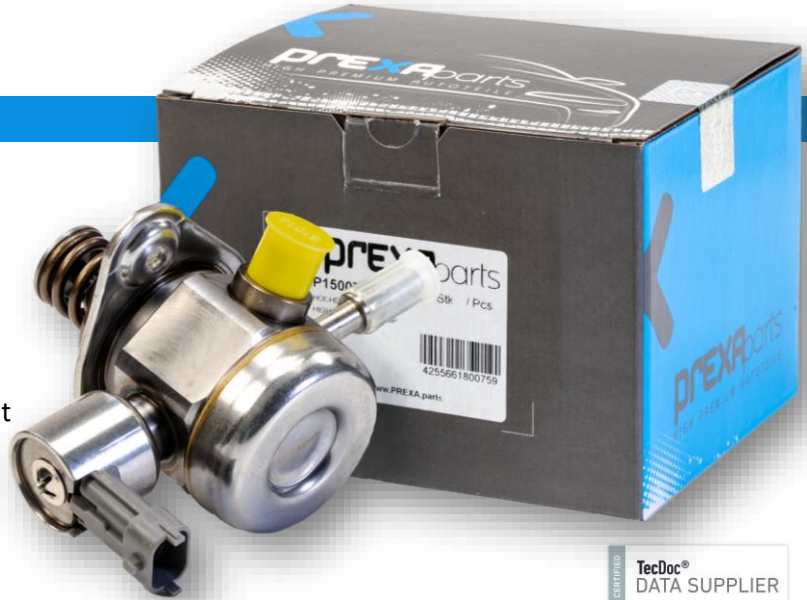


PREXAparts is the automotive brand for high-quality spare parts. With more than 40 years experience, we ensure the sustainable quality of selected parts. The PREXAparts products meet the specifications of the original manufacturers.

## PREXAparts High-Pressure Pumps

### THE ADVANTAGES AT A GLANCE

- ✘ Manufacturing and process reliability comply with the official OEM standards as well as quality assurance
- ✘ PREXAparts high-pressure pumps offer the same function and durability as the original parts
- ✘ The pumps are controlled according to PREXAparts quality assurance
- ✘ PREXAparts products are designed as a 1:1 replacement for the OE parts and offer the same safety
- ✘ The latest database for PREXAparts products is available on TecDoc
- ✘ Large stock quantity ensures high availability



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DATA SUPPLIER

### USEFUL KNOWLEDGE



The utilisation of direct fuel injection, well-known from up to date diesel engines, is also mandatory today for modern, more efficient, and powerful gasoline engines. Therefore, high-pressure pumps are used nowadays in almost every fuel system as a standard.

In the low-pressure circuit, the fuel will not exceed 90 psi, pumped from the tank to the high-pressure system. Depending on the system configuration, a fuel pressure of 700 up to more than 5000 psi is required in the high-pressure circuit.

Providing this fuel pressure is the function of the high-pressure pump, which is thus exposed to a heavy mechanical load and a violent pressure. Also, temperature differences and lubricant shortage could promote wear and tear on top.

Poor starting behaviour, unsteady engine running, loss of power and lighting of the check engine lamp are indications for a defective high-pressure pump. In Order to avoid consequential damage, defective pumps should be replaced immediately.

PREXAparts high-pressure pumps are already available for numerous applications and provide the perfect adjusted pressure in the fuel system.

