



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 Glow Plug System Relay Not Only On Cold Days Your Best Buddy

THE ADVANTAGES AT A GLANCE

- ✘ Manufacturing and process reliability comply with the official OEM standards as well as quality assurance
- ✘ PREXAparts glow plug system relays offer the same accuracy and durability than original parts
- ✘ The glow plug system relays are checked according to PREXAparts quality assurance
- ✘ PREXAparts glow plug system relays are designed as a 1:1 replacement for the OE parts, the vehicles recognize it in the same way
- ✘ The latest database for PREXAparts products is available on TecDoc
- ✘ Large stock quantity ensures high availability



USEFUL KNOWLEDGE



Diesel engines are working according to the compression-ignition principle. The diesel-air mixture will be compressed, which leads to the spontaneous combustion. This process works smoothly when the engine is at operating temperature, but requires support by the preheating system for cold start.

The glow-plug system relay is the control unit, responsible for the correct preheating time. The starting behavior is optimized to keep emissions and soot production as low as possible.



The preheating is regulated in three phases for up-to-date diesel engines:

Within the **preheating time**, the glow-plug system relay ensures the correct combustion chamber temperature to start the engine, depending on the ambient temperature.

As soon as the indicator lamp turns off, the glow plugs remain switched on during the **deployment period**, and the engine should be started.

To reduce exhaust emissions, the power supply to the glow plugs is regulated in the **afterglow time** for a short time, while the engine is running.

PREXAparts offers a range of high-quality glow-plug system relays in OEM quality for many applications.

