

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.

Sensors, Headlight Levelling

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



With the introduction of xenon lights, automatic headlight range control became a legal requirement. This regulation applies to all headlights with a luminosity greater than 2000 lumens, including modern LED lighting systems.

Level sensors are required for the headlight range control function. These sensors collect information from the chassis and send it to a control unit. This information is used to correctly adjust the headlights with the aid of servo or stepper motors, thus ensuring optimum illumination of the road without dazzling other road users.

The level sensors are usually connected to the wishbone and can detect any change in angle there. The data is not only used in the vehicle for headlight range control, but also for controlling comfort systems, e.g. dynamic chassis control.

Depending on the vehicle, several sensors are installed on the front and rear axes.



› Expertise › Qualification › Quality › Reliability

