Leaf springs

suitable for: DAF, Ford, Iveco, MAN, SAF, Scania and Volvo



With DT Spare Parts featherlight on the go

Even in the days of horse-drawn carriages, leaf springs were used to protect the vehicle and its passengers. While the vehicles have changed over the years, the purpose of leaf springs has remained the same. Today they are an important part of the chassis, including their role as a safety feature.

On the topic of leaf springs, the Parts Specialists have published a new PS Tips video. Niklas explains various leaf spring types and their structure. Leaf springs can have a wide variety of designs – in the video, the Parts Specialist takes a closer look at three models. One example is a solid leaf spring package, which is mainly used in the construction sector. In this context, Niklas points out that "the lifetime of such a leaf spring is significantly longer than that of an air suspension."

An effective leaf spring plays a decisive role, as it absorbs longitudinal and transverse forces with the result that it functions as an important component of the chassis. It also provides a safe driving experience and protects passengers, cargo and vehicle components from vibrations. This is particularly advantageous on uneven terrain or in bad road conditions. Centre bolts, spring clamps and spring clips ensure that the spring stays in place. As different vehicle types have different requirements for leaf springs, DT Spare Parts offers a wide range of products in this area.

DT Spare Parts has more than 250 leaf springs in total in its range, which can be viewed in the new Diesel Technic Partner Portal under the heading "Suspension". Users can look forward to many other accessories in combination with the leaf springs from DT Spare Parts. In this way, DT Spare Parts offers its customers an all-round package. Accordingly, the product portfolio is diversified and suitable for numerous brands – including DAF, Ford, Iveco, MAN, SAF, Scania and Volvo.

In addition to leaf springs, DT Spare Parts also has various air springs in its range. Depending on the vehicle type, leaf springs can be used in combination with the controllable air springs to enable the raising and lowering of the vehicle.

In the PS Tips video, Niklas explains which factors must be looked out for when replacing the leaf spring: "Always use the same type of leaf spring, which has the same number and rating of springs." If these points are not observed, it can cause problems with the load-dependent brake, as this is matched to the factory springs. Finally, after repairs or replacement of chassis components, an axle measurement should be considered, as even small differences in dimensions and orientations of the components can have a negative effect on driving behaviour and wear.

The Parts Specialists at Diesel Technic are available with their HelpDesk for technical questions and assistance: helpdesk.dieseltechnic.com.

Request article or order in Partner Portal

DT Spare Parts

The brand DT Spare Parts from Germany provides a complete range of vehicle parts and accessories with a 24 month guarantee – no matter whether for trucks, trailers, buses, transporters or further applications, e.g. cars, agricultural vehicles, construction vehicles, marine or industrial applications. The guaranteed brand quality is achieved through the consistent product optimisation and relentless quality assurance within the framework of the Diesel Technic Quality System (DTQS).

More info: www.dtqs.de