

The New EHS System

FUEL SAVINGS

The minimisation of frictional losses, and the fact that the steering pump is only activated while steering, results in an additional 1% reduction in fuel consumption

INCREASED PAYLOAD

30kg lighter than the previous EMAS system

LOWER MAINTENANCE COSTS

Reduced tyre wear and a maintenance-free system results in lower repair and maintenance costs



IMPROVED UPTIME

Component reduction and simpler operation result in improved reliability and maximum vehicle uptime

IMPROVED MANOEUVRABILITY

Improved steering performance helps longer, heavier vehicles reach areas where not previously accessible

HIGHER LIFT HEIGHT

To improve weight transfer and traction whilst also reducing tyre wear

DAF Services

DAF MultiSupport

An extensive range of repair and maintenance packages ensures the highest quality service and support for your vehicles and predictable costs for maximum peace of mind.

PACCAR Financial

PACCAR Financial, DAF's in-house finance company, is exclusively dedicated to the transport industry and offers customized financial services for new trucks, used trucks and trailers.

PACCAR Parts

Besides original DAF and PACCAR engine parts, PACCAR Parts supplies over 60,000 universal TRP Truck & Trailer parts for all makes of trucks and trailers, throughout Europe.

DAFaid

24/7 rapid and professional roadside assistance throughout the UK and linked to DAF International Truck Service (ITS) in Europe in ten different languages. Call 0800 919395 to contact DAFaid.

DAF Driver Academy

DAF training can help drivers to achieve the lowest possible fuel consumption and improve their driving performance in terms of safety and transport efficiency.

DAF Dealer Network

A DAF dealer is never far away. Wherever you are in Europe, you can visit one of around 1000 DAF sales and service points. The DAF dealer will give you tailored advice and provide you with excellent service.

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METEOR/REARSTEER/1000/0419

**THE NEW
EHS SYSTEM**
PURE EXCELLENCE



Steering you in the
right direction

A PACCAR COMPANY DRIVEN BY QUALITY

DAF

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DAF



FAN (6 x 2)



FAX (8 x 2)



FTN (6 x 2)



FAQ (8 x 2)

WORLD OF APPLICATIONS

One of the most important innovations within the CF and XF programme, is the new EHS (Electro Hydraulic Steering) System for both tractors and rigids, that facilitates maximum manoeuvrability to access the tightest locations and minimise wear to tyres and yard surfaces.

The new steered trailing axle is fitted to configurations, including 6x2 rigids and tractors, as well as 8x2 rigids. And on FAN 6x2 rigid models, the air suspension now features quicker response and can be lowered by 90 mm and raised by 185 mm, for fast and reliable loading and unloading of swap bodies.

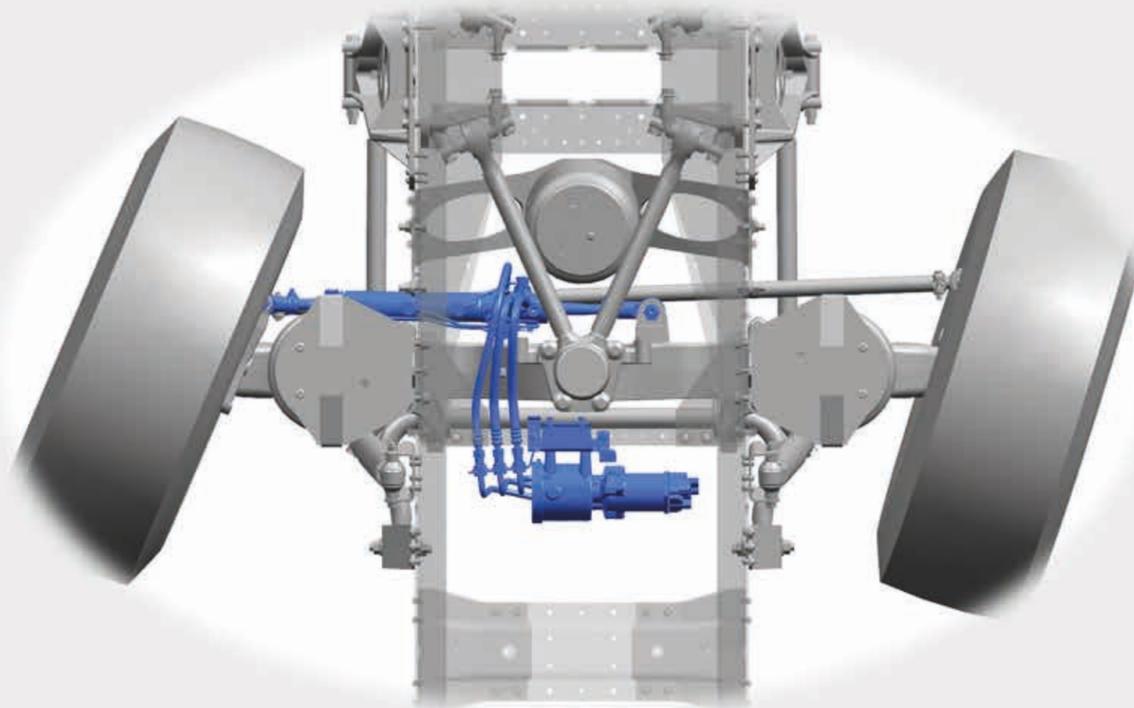
System Overview

The New EHS system consists of a self-contained system, mounted at the rear of the chassis, which is electronically controlled from the steering angle sensor in the cab. As vehicle speed increases, the steering angle of the rearmost axle decreases until 45 km/h, when the axle is locked in the straight-ahead position.

The electrically powered system, takes power-on-demand to provide excellent steering performance, with minimum components and is maintenance-free.

Benefits

- Improved reliability and uptime
- Increased payload - 30kg lighter
- Improved fuel economy through low energy consumption



◀ The new trailing axle incorporates a newly developed EHS (Electric Hydraulic Steering) system which is 30 kg lighter, resulting in extra payload. The steering is very precise because the EHS continuously calculates the optimal steering angle for the rear axle wheels, on the basis of speed and wheelbase. The resulting benefits are most noticeable when driving through urban areas and whilst manoeuvring.

Traction Aid

Traction can be improved by operating a mobile switch inside the cab, which can be positioned to suit the operation. It is possible to increase the traction on the driven axle, by temporarily decreasing the load on the trailing axle. As a result, the weight is transferred from the non-driven to the driven axle, helping to regain traction when operating on slippery or loose road surfaces.



Trailing Axle Lift

To reduce tyre wear and improve fuel economy in an unladen condition, it is possible to lift the trailing axle. Once raised the axle is locked in the straight-ahead position. The axle lowers automatically as the drive axle load approaches the maximum legal limit.