



From July 2024, all newly registered trucks in the EU must comply with the new General Safety Regulation (GSR), Package 1. The objective of the GSR is to halve the number of fatal accidents and serious injuries by 2030, and further reduce them to zero by 2050. At DAF, safety is our number one priority, and is already integrated into New Generation DAF trucks from front grille to back bumper. Every model produced for the EU in 2024 will fully comply with Package 1 of the GSR.

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|---|--|---|
|  Seiten- und Abblendeassistent                         |  Rückfahrkamera             |  Programmed Cab Displacement System            |
|  Abstandsassistent                                     |  LED Lichtanlage            |  Auffahrwarnsystem                             |
|  Controlled steering column Deformation System (CoDeS) |  Predictive Cruise Control  |  Advanced Emergency Braking System             |
|  DAF Müdigkeitserkennung                               |  DAF Digitales Kamerasystem |  Spurhalteassistent                            |
|  Alkoholwegfahrsperre Vorbereitung                     |  DAF Eckkamera              |  Reifendruckkontrollsystem                     |
|  Ereignisdaten Rekorder                                |  Adaptive Cruise Control    |  Anhängerbremse für niedrige Geschwindigkeiten |

## DAF Services

### DAF MULTISUPPORT

Maximise Uptime. Increase fleet efficiency. When it comes to flexibility, cost transparency and uptime, a DAF MultiSupport repair and maintenance package is your best choice. Tailored packages including pro-active maintenance planning using real time vehicle data, to help you keep your trucks in excellent condition and on the road.

### PACCAR FINANCIAL

As DAF's in-house finance provider, PACCAR Financial provides tailored and complete financial services to the transport sector. A unique understanding of your day-to-day business makes PACCAR Financial your partner of choice.

### DAF INTERNATIONAL TRUCK SERVICE (ITS)

Accidents and breakdowns are an inevitable part of the transport business, even for the best trucks. So it's good to know that DAF's International Truck Service (ITS) is just a telephone call away. That's all that's needed to summon help, no matter where you are in Europe. 24 hours a day, 365 days a year, service is available from local mechanics who do everything possible to get your truck back on the road fast.

### PACCAR PARTS

PACCAR Parts supplies PACCAR genuine parts and DAF genuine parts along with over 80,000 universal TRP parts for all makes of truck and trailer, including workshop supplies. From its own distribution centres, PACCAR Parts delivers within 24 hours throughout Europe and the rest of the world.

### DAF DEALER NETWORK

With our extensive network of professional sales and service dealers, there's always a DAF representative nearby. Highly qualified DAF mechanics have in-depth knowledge of your vehicle, ensuring fast, effective repair and maintenance, using original PACCAR, DAF and TRP parts. This guarantees maximum vehicle availability and high residual value.

### DAF CONNECT

In our drive for transport efficiency, the upgraded DAF Connect Fleet Management Platform gives you realtime performance insights of your trucks and drivers. The user-friendly portal can be customised to present all important information you need. DAF Connect: More Uptime, More Insights and More Efficiency.

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NEW GENERATION DAF



# Sicherheit der Zukunft

HQ-EN-1023



## Advanced Driver Assistant Systems

New Generation DAF trucks already comply with the EU's General Safety Regulation (Package 1) using the systems described below.



### Drive-off Assist

The purpose of Drive-off Assist is to help the driver detect vulnerable road users (such as cyclists and pedestrians) in front of the vehicle. The system is active both at standstill and at speeds below 10 km/h (when driving off). The driver receives visual information initially, but if a collision is imminent, the visual signal will become more urgent and audible warnings are added to alert the driver that it's time to brake. Drive-off Assist is a permanent feature and cannot be switched off.



### Advanced Emergency Braking System (AEBS)

The emergency braking functionalities of the safety systems Forward Collision Warning and Advanced Emergency Braking System have been improved to also react on vulnerable road users in front of the vehicle, like cyclists and crossing pedestrians. To this end the systems now use fusion of radar and camera signals, which also improves the emergency braking performance on vehicles. AEBS is active at vehicle speed above 10km/h for vulnerable road users and 15km/h for vehicles.



### DAF Drowsiness Detection

Drowsiness is one of the biggest safety concerns in traffic situations. This active safety feature assesses driver alertness and warns the driver when a break is deemed necessary. It goes through a learning phase to build up an individual driver profile and then uses steering patterns and lane position (information gathered by the front camera), while also monitoring other driver control interactions. A visual warning is shown when the driver starts to become drowsy, followed by an audible warning should the driver become increasingly drowsy. It cannot be switched off!



### DAF Side & Turn Assist

Turn Assist detects vulnerable road users on the co-driver's side and informs the driver visually via a light in the co-driver's A-pillar. Warnings are also shown in the instrument panel and, if specified, displayed on the DAF Digital Vision System. If a collision is imminent, audible warnings will also sound. Turn Assist is active at vehicle speeds below 30 km/h. Side Assist informs the driver of other road users in the adjacent lane (co-driver's side) when moving at any speed above 0 km/h. Like Turn Assist, it warns if a collision is imminent. The system detects other vehicles along the whole length of the vehicle configuration being driven, up to 30 metres.



### Rear View Camera

The Rear View Camera helps the driver avoid collisions when reversing. It is activated automatically when reverse gear is engaged and will display video from the camera on the additional display in the cab. The camera is mounted on the rear of the rigid truck or tractor unit.



### Tyre Pressure Monitoring System (TPMS)

TPMS continuously monitors the pressure and temperature of the tyres to help prevent tyre blowouts due to low pressure or high temperature. The information is displayed on the driver's Digital Information Panel in the cab. The use of TPMS also helps to optimise tyre life and fuel economy. Sensors mounted inside the tyres measure the data and compare it to programmed reference values.

### Alcohol Interlock Preparation

An alcohol interlock preparation will be installed in all New Generation DAF trucks; the standard interface and connection are already fitted. The control unit blocks the starter if the detected alcohol value is above a set limit. Engine start is possible to use cab climate control if the parking brake is applied. The DAF Breathalyser itself is available from PACCAR Parts and can be ordered through a DAF dealer.

### Speed Limit Recognition

This active safety feature keeps the driver informed of the local speed limits by recognising maximum permitted limits from traffic signs (through the front dual-lens camera) and from (map-based) data sources. The detected speed limit is visible on the instrument panel at all times. An audible notification sounds whenever the speed limit changes. If the vehicle exceeds the speed limit, the driver is notified via both visual and audible warnings.

## Far ahead in safety

### Best-in-class direct vision

Design offers outstanding safety for drivers, co-drivers and other (often vulnerable) road users, the award-winning New Generation DAF trucks set a new standard in safety. It starts with optimum direct vision, which is a key feature of the range. Panoramic windows and the unique, ultra-low vision dashboard (for the lowest possible window line) result in an amazing depth of view. The large kerb view window in the optional vision door and the fold-up co-driver seat extend that view even further, making the New Generation DAF trucks best-in-class for direct vision.

### Enhanced direct and indirect view

Direct vision is further enhanced by superb-quality side mirrors that perfectly balance vision, aerodynamics, styling and noise. Their smart, lean mirror housing increases direct view and minimises blind spots. And adding the DAF Corner View camera removes blind spots on the front and co-driver side completely.

For an optimum indirect view, the DAF Digital Vision System offers a cutting-edge system that replaces the main and wide-angle mirrors completely, with retractable cameras. Mounted high on the cab, the DAF Digital Vision System provides a perfect view in all weather conditions, using ergonomically positioned monitors.

Finally, with a robust cab structure, class-leading ergonomics and smart features to make driving safer (Hands on the wheel, eyes on the road!), our New Generation trucks make DAF the industry leader when it comes to safety.

### Smart active safety

The New Generation DAF trucks are fitted with a whole range of functions to maximise active safety. The aim is to reduce the severity of accidents or completely prevent them by managing steering and braking effectively. Some of these Advanced Driver Assistance Systems (ADAS) are: Forward Collision Warning, Lane Departure Warning System, Emergency Brake Lights, DAF Side & Turn Assist and DAF's Advanced Emergency Braking System. Other features are the DAF Electronic Park Brake for smart park brake control, a Low Speed Trailer Brake for safe trailer coupling and uncoupling, and Park Brake Assist for additional park braking power, which helps out in a multitude of situations.

### Passive safety

The New Generation DAF trucks feature a full range of passive safety features, which are intended to protect the occupants and other road users in the event of a crash. The highly robust cab structure is the strongest on the market, offering protection from all sides and incorporating unique energy-absorbing crash boxes in the bulkhead and integrated crash zones at the rear.

Our Programmed Cab Displacement System (ProCaDis) prevents cabs from detaching, maximising the survival space for occupants. CoDeS, our Controlled steering column Deformation System, reduces the impact of rear-end trailer collisions on the driver's chest.

