

DAF - Lane Departure Warning System

To keep you on the right track



The hazard of inadvertent lane departure

Particularly at the end of a long and strenuous working day a driver will be liable to distraction by external factors.

A single moment of concentration loss may cause the vehicle to drift from its intended path and come in the wrong lane or leave the road at the side.



Over a third of all truck accidents or critical incidents on the motorway are related to unintended lane departures.

In a quarter of the motorway accidents attributed to the truck driver, drowsiness, fatigue or distraction of the driver seems to be an important factor.

Lane Departure Warning System

The Lane Departure Warning System (LDWS) is intended to prevent inadvertent lane changes and roadway departure accidents by alerting the driver if a crossing of the lane markings at either side is imminent.



How does LDWS work?

LDWS is based on machine vision technology. A camera behind the windscreen is used to track the vehicle's position relatively to the lane markings. If the vehicle is about to leave its lane at the right-hand or left-hand side, the radio is muted and a distinctive rumble strip sound is given from a speaker at the corresponding side to alert the driver to steer away from that side.

Nuisance warnings are prevented by system logic to recognize intentional lane changes.