

OnLaneTM

LANE DEPARTURE WARNING SYSTEM
- AN EXTRA EYE ON SAFETY



WABCO

Stay on track with a WABCO OnLane™ System

THE ROAD AHEAD

Vehicle safety technology is moving beyond accident mitigation and towards accident prevention – and WABCO is at the forefront of this evolution.

WABCO offers vehicle manufacturers and fleet operators a wide range of Advanced Driver Assistance Systems, pioneering safety solutions for commercial vehicles across the globe.

OnLane™ - as part of WABCO's Advanced Driver Assistance Systems product portfolio - is an innovative Lane Departure Warning System (LDWS) developed to meet the global requirements of the commercial vehicle market.

OnLane is a smart, efficient system to prevent trucks and buses from unintentional lane departure: statistically one of the most frequent causes of accidents involving commercial vehicles.

THE ERA OF ACTIVE SAFETY






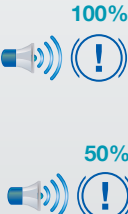

OnLane has been engineered to meet European Union regulation for Lane Departure Warning Systems in a practical and cost-effective manner.

The camera-based solution detects road markings and vehicle position and warns the driver of imminent lane or road departure via visual, audible and haptic aids.

Installed as a stand-alone system, it is easily applicable to a variety of different commercial vehicle types – including trucks, tractors, buses or coaches.

To create the right OnLane installation for a specific vehicle platform, WABCO provides extensive support through the application process.

WABCO ADVANCED DRIVER ASSISTANCE SYSTEMS SUITE

Most common causes of accidents involving commercial vehicles	OnLane™ Lane Departure Warning System	ACC Adaptive Cruise Control Forward Collision Warning	OnGuardPLUS™ Adaptive Cruise Control Forward Collision Warning Extended Brake Assistant Advanced Emergency Braking System	OnGuardMAX™ Adaptive Cruise Control Forward Collision Warning Extended Brake Assistant Advanced Emergency Braking System
LANE DEPARTURE 				
REAR-END COLLISION MOVING / STOPPING OBJECTS  STATIONARY OBJECTS 				

LEGEND



WARNING
SIGNAL



BRAKE



BRAKE
PERFORMANCE

WABCO's portfolio of Advanced Driver Assistance Systems helps to prevent the most common causes of road accidents involving commercial vehicles.



Optional camera mounting positions - top or bottom with 180° panoramic rotation

ADVANCED SAFETY

With OnLane vehicle manufacturers can choose different warning types – warning tones, visual indicators and haptic signals.

Furthermore, the system reliably provides the warning signal on the side where the unintentional lane departure takes place.

OnLane has the intelligence to distinguish between a deliberate lane change and an unintentional drift by automatically identifying the driver's turn signal usage.

Designed for highways and similar roads, OnLane ceases operation at speeds lower than 60km/h or 38mph and will not interfere with normal turns or navigation around urban areas.

RETROFIT FOR AFTERMARKET

OnLane also enables fleets to operate more efficiently and with improved vehicle safety. Improved safety leads to reduced vehicle downtime and repair costs. Satisfying customers due to on-time deliveries.

WABCO supplies an aftermarket kit to retrofit existing trucks and buses with OnLane for a reduced installation effort. OnLane is designed to be easily retrofitted across a broad spectrum of commercial vehicle types.

WABCO experts are also on-hand to support fleets with OnLane retrofit installation and workshops.

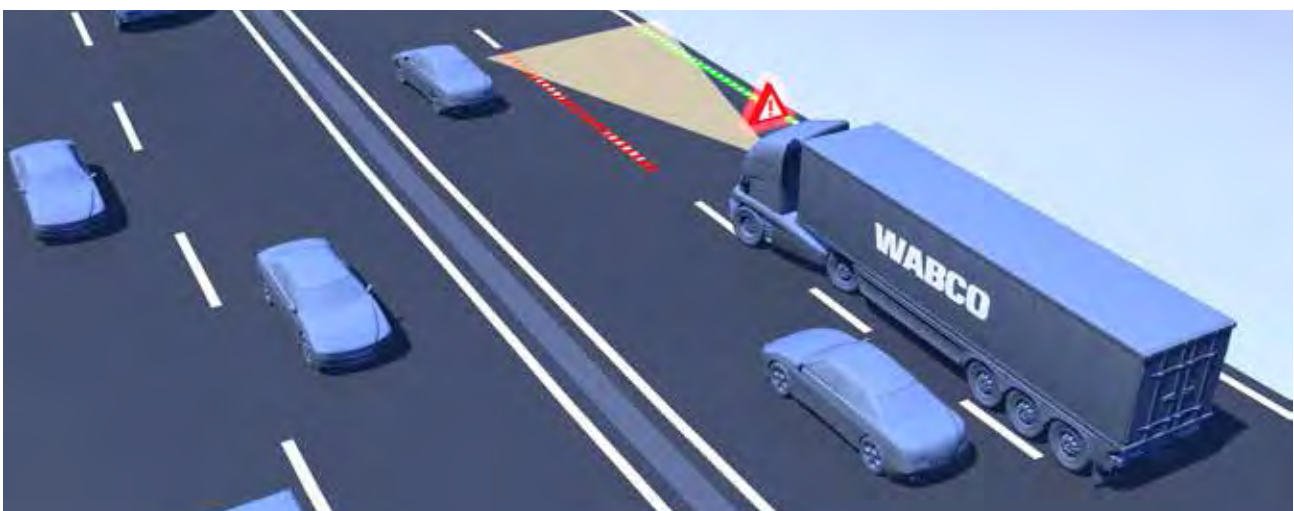
Fleets further benefit from a global WABCO Service Partner Network featuring access to more than 1,800 high-quality workshops.

COST-EFFECTIVE TECHNOLOGY

OnLane is a compact, one-box solution containing all necessary functionality at optimized cost – no extra Electronic Control Unit is required.

Specifically designed for commercial vehicles, OnLane has the flexibility that allows it to be mounted in a variety of positions on the windshield and it can be easily adapted to different windshield angles. Minimal adaption is required for installation.

For vehicle manufacturers OnLane is a simple installation step that can be easily integrated within an assembly process or even after end-of-line release.



OnLane detects road markings and vehicle position



THE INTELLIGENT ROAD MAP TO SAFETY

OnLane represents another step in WABCO's commitment to enhance vehicle safety and driver effectiveness.

As one of the most experienced partners to the commercial vehicle industry, WABCO offers a full portfolio of Advanced Driver Assistance Systems including:

OnLane™
Adaptive Cruise Control
OnGuardPLUS™
OnGuardMAX™



ORIGINAL PARTS

Every WABCO part is made of high-grade materials and is rigorously tested by WABCO before leaving its hands. Each is a product of WABCO's 150 year history of innovation and design excellence. The quality of every WABCO part is reinforced by a powerful global customer service network.



WABCO

WABCO (NYSE: WBC) is a leading global supplier of technologies and control systems for the safety and efficiency of commercial vehicles. Founded nearly 150 years ago, WABCO continues to pioneer breakthrough electronic, mechanical and mechatronic technologies for braking, stability and transmission automation systems supplied to the world's leading commercial truck, bus and trailer manufacturers. With sales of \$2.5 billion in 2012, WABCO is headquartered in Brussels, Belgium. For more information, visit:

www.wabco-auto.com

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