



OnLane™

Lane Departure Warning (LDW)

MERITOR WABCO

Safety Strong. Efficiency Smart.

OnLane™

Lane Departure Warning

Stay On Track

OnLane™ Lane Departure Warning (LDW) System with SafeTraK technology by Takata is a camera-based warning system that helps your vehicle stay on track and avoid unintentional lane drifting. The system utilizes a camera mounted near the top center of the vehicle's windshield to monitor and calculate the vehicle's position within the lane. When OnLane detects the vehicle crossing lane markings without the turn signal being activated, the system sounds an audible warning. This alerts the driver to take corrective action to prevent potential collisions or run-off-road accidents.

OnLane Can Help

Every year there are thousands of accidents involving trucks caused by accidental lane departure; 48% of these would have been avoidable if the truck was equipped with a lane departure warning system*. Meritor WABCO prides itself on having exceptional return on investment and a proven record of accident reductions at fleets using OnLane. OnLane is a powerful tool that can help your drivers improve their driving and lane changing habits which enhances your fleet's safety, reduces vehicle downtime and decreases accident rates while improving your CSA's compliance. In addition, many telematic providers provide lane departure event notifications triggered by OnLane.

Driver Alertness Warning

As part of its advanced technology, OnLane provides a Driver Alertness Warning (DAW) feature. OnLane computes an Alertness Index based on driving performance and alerts the driver when the index falls below a certain threshold over a period of time. DAW warns the driver by providing a distinct audible warning tone when it detects erratic driving behavior within a lane. The alert will stop when the driving performance has improved or when the key is cycled.

Video Capture: Your Eyes on The Road

OnLane offers an optional video capturing feature that records and stores video footage when a critical event triggers your vehicle's safety systems. OnLane will capture video when your vehicle's ABS, stability control system, or forward collision warning system are activated beyond a certain threshold. This feature equips you with a powerful reconstruction tool to review situations that activated any vehicle's safety systems. The system records ten seconds before a critical event is triggered and five seconds after. It also stores up to twenty video clips which can be downloaded via Meritor WABCO's TOOLBOX™ and viewed directly on your computer screen.

Minimized False Alarms

OnLane features False Alarm Detection and Suppression Modes which help reduce false alarms by suppressing alerts in construction zones and when the system loses lane marker tracking confidence. Confident lane tracking is required for a few seconds before warnings are enabled again.

Retrofits

Meritor WABCO makes it easy for fleets to retrofit a broad spectrum of commercial vehicles with OnLane. We offer an OnLane aftermarket retrofit kit for a hassle-free installation at your local dealer. To order a retrofit kit contact our Aftermarket sales at 888-725-9355.

OnLane Retrofit kits

Vehicle	OnLane With Video
Freightliner Cascadia	S400 873 109 2
Navistar Prostar	S400 873 110 2
PACCAR T660/T800	S400 873 111 2
PACCAR T700/PB587	S400 873 112 2
PACCAR T680/ PB579	S400 873 113 2

For more information regarding other models, contact our OnTrac customer service team at 866-668-7221.

* FMCSA Onboard Safety Systems Effectiveness Evaluation, 2013

Powerful Lane Departure Warning System

- Helps reduce road run-offs, side swipes, and head on collisions due to driver inattention or fatigue
- Detects and classifies lane markers
- Tracks and projects lane ahead of truck
- Provides distinct audible warnings for unintentional lane departures
- Features Driver Alertness Warning (DAW) to alert drivers to distracted or erratic driving behavior
- Encourages drivers to use turn signals

Functionalities for added safety

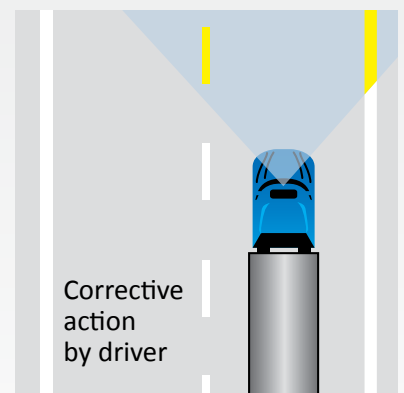
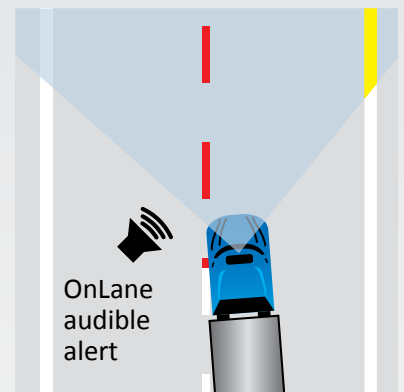
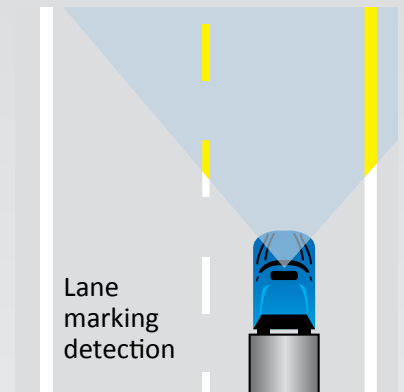
- False Alarm Suppression Mode helps eliminate false alarms in construction zones
- Distinguishes between deliberate lane changes and unintentional drifts by detecting turn signal activation
- Improves vehicle's safety and reduces accident risk, helping your fleet improve its CSA compliance
- Integrated into Meritor WABCO's diagnostic software TOOLBOX™

Critical Events Video Capture

- Offers optional video capture for critical events that occur while driving
- Stores up to twenty critical event videos for later viewing and downloading
- Video content downloadable for free via Meritor WABCO's TOOLBOX™

Sophisticated Design, Simplified Installation

- Camera and processor fully integrated into one compact unit
- Hassle-free install with a detailed manual and one-box retrofit kit
- Automatic calibration and integrated diagnostics simplify setup and operation



For more information, call 866-668-7221 or visit www.meritorwabco.com.

MERITOR WABCO

Safety Strong. Efficiency Smart.

For more information on Meritor WABCO's Products call our OnTrac Customer Service team at 866-OnTrac1 (866-668-7221) or visit meritorwabco.com.

Litho in USA. Issued 07/14.
SP-1382 (47865/11900)

Meritor WABCO Vehicle Control Systems
2135 West Maple Road, Troy, Michigan 48084, USA
Phone: 866-ONTRAC1 (866-668-7221) Fax: 248-435-8002

meritorwabco.com

©2014 Meritor WABCO Vehicle Control Systems
Meritor WABCO Vehicle Control Systems is a
joint venture of Meritor™ and WABCO