

AutoVue®

Lane Departure Warning (LDW) System by Bendix CVS



**One In Five Truck
Crash Fatalities Are
Linked To Unintended
Lane Departures.**

We Can Help.



Protect Against Unintended Lane Changes

A Small Distraction Can Make a Big Difference

A truck drifting out of its lane – even for just a second – could result in a devastating accident. But what if you could mitigate this catastrophe before it ever happened? The AutoVue® Lane Departure Warning (LDW) System by Bendix CVS gives drivers the ability to combat lane drift related to:

- Fatigue
- Distractions
- Unfavorable weather conditions

The AutoVue LDW system detects when a vehicle drifts across a lane marking. When this occurs and the turn signal is not activated, the unit automatically emits a distinctive “rumble strip” or other warning (using speakers or – if a non-audible warning is preferred – a vibrating seat), alerting the driver to make a correction.

It's like having a highly alert companion to help along the way.

A Compact Device That Helps Keep You On The Straight And Narrow

Our AutoVue LDW system is a combination of advanced hardware and proprietary image recognition software packaged in a camera and ECU. It is configured to your unique vehicle specifications.

Data generated by the AutoVue LDW System is gathered and reported in SafetyDirect® by Bendix CVS – a web-based portal that displays safety information. This allows fleet management the opportunity to provide targeted training programs for their operations.

A Robust System That Promotes Safe Driving

The AutoVue LDW system utilizes a camera with a 60-degree field of view that tracks visible lane markings, including both solid and dashed shoulder lines, centerlines, and lines between lanes – even if they are heavily faded. It works effectively both day and night and in most weather conditions, like rain or fog, where visibility is limited. Even in snowy conditions, if the driver can see the lane markings, the AutoVue LDW system can as well.

Reduce False Alarms

The system is optimized to minimize false alarms, which could otherwise annoy or desensitize drivers. Incorporating a construction zone “silent” switch, it does not provide warnings for planned lane departures indicated by an activated turn signal and disables warnings when driving below 37 mph.

Minimize Losses. Maximize ROI.

Whether caused by a little distraction or by a momentary lapse of concentration, the losses incurred from a single accident can be staggering. The AutoVue LDW system offers a rapid return on investment by helping to mitigate lane drift and enhance lane position awareness.

2009 Average Costs of Commercial Motor Vehicle (CMV) Crashes (2009 Dollars)*

Average Cost per Fatal Crash = \$7,200,000

Average Cost per Injury Crash = \$331,000

Average Cost per Property Damage Only Crash = \$18,000

* Data from Ted Miller, Eduard Zaloshnja, Rebecca Spicer, Revised Cost of Large Truck and Bus Involved Crashes (2006), adjusted to 2009 dollars and value of a statistical life (VSL).

“I didn't even know I was tired until the AutoVue system repeatedly warned me that I was headed out of my lane.” Long Haul Driver

“The AutoVue LDW system keeps our drivers alert and in their lane, helping to deliver them and their cargo safely to their destination.”

Fleet Safety Manager



Reinforce Safe Driving Habits

Safe driving habits mean a quiet ride. When making lane changes, the AutoVue LDW only sends out an alert when the turn signal is not activated. This functionality helps reinforce good driving habits by “rewarding” drivers with peace and quiet during their trip.

Boost Success In The CSA Environment

More and more shippers are paying attention to and selecting carriers based on their CSA scores. AutoVue can help keep your fleet CSA compliant by:

- Monitoring and responding to inadvertent lane changes
- Giving you the ability to address and correct sub-performance driving
- Delivering the technology to help your drivers avoid a costly crash that can damage your CSA score

“Whether our drivers get distracted by spilled coffee, radios – you name it – the AutoVue LDW system forces them to focus their attention on the road ahead.”

Fleet Training Manager

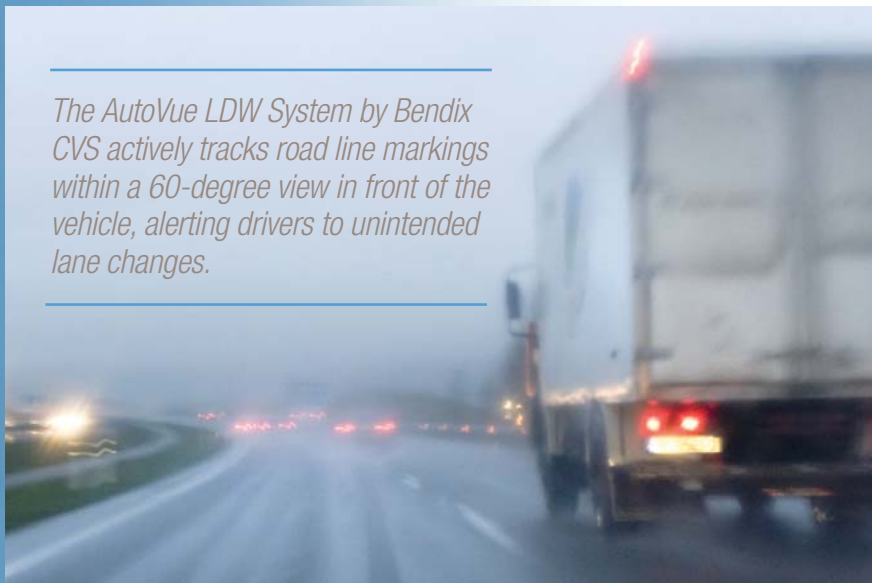


Camera – mounted on the windshield



Dash Switch – enables construction mode

The AutoVue LDW System by Bendix CVS actively tracks road line markings within a 60-degree view in front of the vehicle, alerting drivers to unintended lane changes.



AutoVue®

A New Era Of Safety

- Alerts driver of unintended lane departure
- Optimized to nearly eliminate false alarms
- Disabled below 37 mph
- Near zero maintenance
- One-year/100,000-mile warranty
- Designed for 10- to 12-year life
- 24/7 product and technical support
- Built and tested to vigorous heavy truck OEM standards

Safer Driving Starts With AutoVue® by Bendix CVS

- Promotes turn signal use
- Helps warn drivers of impending fatigue before a problem occurs
- 96 percent positive acceptance by truck drivers

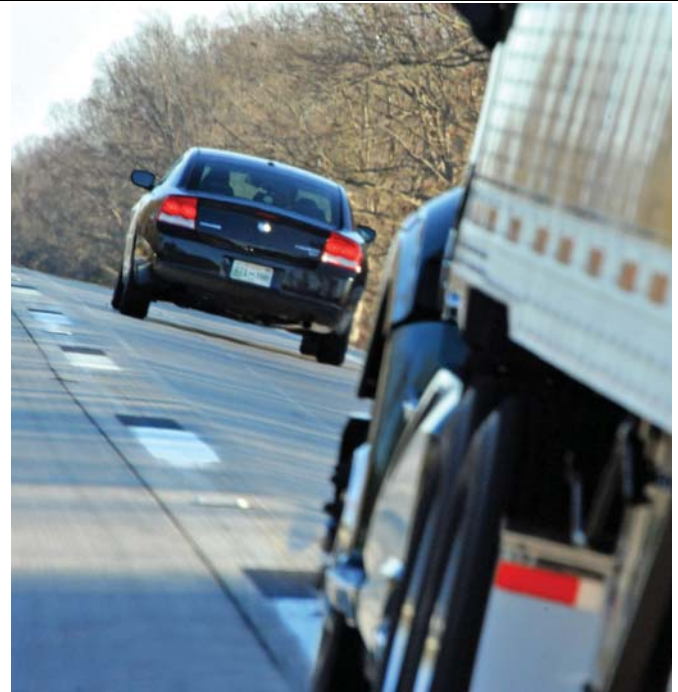
Today's roadways are increasingly busy and the need has never been greater – especially in today's Compliance, Safety, Accountability (CSA) environment – for solutions to help commercial vehicle drivers respond to the situations they encounter every day. Bendix is leading the way in improved highway safety with an ever-growing portfolio of road-tested, advanced commercial vehicle technologies that are affordable and effective. From shorter, straighter stops, to safety data, to systems that help drivers mitigate a variety of crashes and more, our solutions are driving a new era of safety.

Active Safety Technologies

- Bendix® ESP® Full-Stability Technology
- Bendix® Wingman® Advanced™ – A Collision Mitigation Technology
- Bendix® TABS-6™ Advanced and TABS-6™ Advanced MC – Trailer Roll-Stability Technologies

Supportive Safety Technologies

- Bendix™ BlindSpotter® Blind Spot Detection
- Bendix™ VORAD® – A Collision Warning System
- SafetyDirect®
- SmarTire™ Tire Pressure Monitoring System (TPMS) by Bendix CVS
- Bendix® Air Disc Brakes
- Bendix® ES® (Extended Service) Wide Drum Brakes



Bendix active and supportive safety technologies, including AutoVue LDW, do not replace the need for safe drivers. No commercial vehicle safety technology replaces the most important safety components of all – a skilled, alert professional driver exercising safe driving habits, as well as continuous, comprehensive driver training.

Driving safer doesn't happen by accident, it can happen with Bendix.

For more information, to meet with a Bendix account manager, or to arrange a purchase, call 1-800-AIR-BRAKE (1-800-247-2725) or visit www.bendix.com.



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