OnSide™ Retrofit

BLIND SPOT DETECTION SYSTEM

WABCO
WHY ONSIDE?
OnSide Blind Spot Detection (BSD) is a radar-based system that supports drivers in passing and lane change maneuvers to help avoid side collisions*. The system utilizes the best-in-class short range radar mounted at the side of the truck cabin to monitor the vehicle’s passenger side blind spot, activating at speeds of 15 mph and above. Because the system is radar-based (not camera-based), it works in all visibility conditions.

When OnSide detects a moving vehicle in the monitored blind spot, the system provides a visual warning in a display mounted on the passenger side A-pillar. If the system is integrated with WABCO’s OnGuard collision mitigation display, the system also presents an audible warning when the turn signal is activated. WABCO’s unique algorithm eliminates false detections, so the system only alerts the driver when there is a real risk of side collision.

OnSide provides the largest detection zone in the industry, with 160 degree range and 46 feet of coverage (including an industry leading 33 feet of rearwards detection). Given limited truck driver vision contributes to ~20% of truck initiated crashes, OnSide is a powerful tool that can help reduce accident rates and downtime**.

INSTALLATION AND MAINTENANCE
OnSide is a standalone system that can work with most braking systems, is applicable with a wide range of vehicles and is compatible with all 12V and J1939 communication. Installation is straightforward and typically takes less than two hours to complete.

WABCO’s retrofit kit comes with a protective fascia cover to protect the radar from damage, dirt and extensive snow and ice buildup. OnSide is also supported by WABCO’s TOOLBOX™ diagnostic software, ensuring easy diagnostics and increased uptime.

*OnSide does not replace the need for the driver looking to make sure there are no vehicles in the blind spot.

**Prioritizing Improvements to Truck Driver Vision, UMTRI 2006
CUSTOMER CARE & SUPPORT
WABCO’s Customer Care Center offers excellent service support and wants to make your retrofit experience as seamless as possible. Our technical service representatives are available to support the installation process and answer any questions you may have.

To also ensure a successful roll-out, WABCO supports fleets with tailored driver trainings, helping them better understand the system and how to optimally interact with it. WABCO’s experienced trainers are available to run driver trainings on-site as well as offer a broad range of driver training tools and videos.

RETROFIT KIT DETAILS
Part Number 400 874 011 2

<table>
<thead>
<tr>
<th>Kit Contents</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>Radar</td>
<td>1</td>
</tr>
<tr>
<td>Radar Cover (Fascia)</td>
<td>1</td>
</tr>
<tr>
<td>Bracket (Flat) for Fairing Mount</td>
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<tr>
<td>Spacer Bracket</td>
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<tr>
<td>Indicator Light</td>
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<tr>
<td>Harness</td>
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<tr>
<td>Bolt M6</td>
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<tr>
<td>Washer 5/16</td>
<td>2</td>
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<tr>
<td>Locknuts</td>
<td>5</td>
</tr>
<tr>
<td>Installation Instructions (TP18009)</td>
<td>1</td>
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</tbody>
</table>

160 degree range
46 feet of coverage

1-Please verify function after installation per installation instructions
2-The radar included in the kit is suitable for 250kBaud vehicles only (vehicle models prior to 2016). A new 500kBaud kit is coming in 2019.
3-Additional bracket styles are targeted for release in the first half of 2019.

ONSIDE FAST FACTS
Can help to PREVENT or mitigate truck driver vision related CRASHES ANNUALLY*

Can help to IMPROVE accident related VEHICLE DOWNTIME

BY UP TO 10%*

* Large trucks to benefit from technology designed to help prevent crashes, IIHS LDII 2010
DESIGNED TO MEET YOUR NEEDS

OnSide™ represents another cornerstone in WABCO’s commitment to enhance vehicle safety and driver effectiveness and is an integral part of WABCO’s rich suite of modular Advanced Driver Assistance Systems. As one of the most experienced partners to the commercial vehicle industry, it is our philosophy to leave the choice in the hands of our customers. That is why today OnSide is available as an individual solution within WABCO’s extensive ADAS suite and can therefore be individually installed without requiring fleets to purchase additional systems when these are not deemed necessary today. And with that, we are truly empowering tomorrow’s fleets.

For further product details, contact your distributor or the WABCO Customer Care Center at 855-228-3203

WABCO (NYSE: WBC) is a leading global supplier of technologies and services that improve the safety, efficiency and connectivity of commercial vehicles. Originating from the Westinghouse Air Brake Company founded nearly 150 years ago, WABCO continues to pioneer breakthrough innovations to enable autonomous driving in the commercial vehicle industry. Today, leading truck, bus and trailer brands worldwide rely on WABCO’s differentiating technologies, including advanced driver assistance, braking, steering and stability control systems. Powered by its vision for accident-free driving and greener transportation solutions, WABCO is also at the forefront of advanced fleet management systems that contribute to commercial fleet efficiency. In 2017, WABCO reported sales of $3.3 billion and has nearly 15,000 employees in 40 countries. For more information, visit:

www.wabco-na.com