

Hill International Trucks Keeping Drivers Safe with Bendix Technology

With safety in mind, Bendix[®] technology is standard on all class 5-8 International[®] trucks, tractors, and bus platforms. Although Bendix technology has been incorporated into International trucks through the ABS, valves, air dryers, and compressors, newer International trucks are incorporating Bendix[®] Wingman[®] Fusion[™] and Bendix[®] Wingman[®] Advanced[™] driver assistance systems. In 2015, International was the first truck manufacturer to implement Bendix[®] Wingman[®] Fusion[™].

Bendix[®] Wingman[®] Fusion[™] is a radar based collision mitigation technology. This system combines radar, video, and braking to give drivers a detailed and accurate picture to improve safety and reduce collisions. When a slow moving vehicle is detected ahead, the Wingman Fusion system can slow the truck's speed up to twice as fast as the current systems. Alerts are also sent to the driver when traveling more than 6 inches out of the lane without putting on the turn signal or when following too close to cars. Fleet managers also have the capability of monitoring driver safety.





Bendix[®] Wingman[®] Fusion[™] incorporates two levels of intervention. When drivers are going 5 mph over the posted speed limit, a level one intervention occurs, which is an audible warning notifying drivers to slow down. A level 2 intervention occurs when drivers are going more than 10 mph over the speed limit. A severe event notification is sent to fleet managers letting



them know drivers are being unsafe by speeding. Wingman Fusion technology can be found on International's Durastar and Prostar models.

The Bendix Wingman Advanced has been a building block to the Wingman Fusion. Bendix[®] Wingman[®] Advanced[™] combines adaptive cruise control and braking with collision mitigation technology to help drivers in collisions, roll-overs, and loss of control situations. Like the Bendix Wingman Fusion, information is sent to fleet managers to keep them informed about what is happening on the road.

According to the National Highway Traffic Safety Administration (NHTSA), roughly 2-3 rear end accidents happen with heavy duty trucks in the US, every hour. To combat this issue, the Bendix Wingman Advanced provides following distance alerts to drivers and will brake the truck to potentially avoid collisions or reduce the severity of an accident. The Bendix Wingman Advanced technology can be found on International's LT, RH, and Transtar models. The implementation of Bendix technology in International trucks shows commitment to safety. With adaptive cruise control, collision



mitigation technology, and driver alerts, the Bendix Wingman Fusion and Wingman Advanced are two driver assistance systems that will help to reduce collisions and improve upon the safety of drivers and other civilians.





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