



News Release

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FOR IMMEDIATE RELEASE

BENDIX CELEBRATES 1 MILLION ABS-6 BRAKING SYSTEMS ON THE ROAD

ABS-6 Family Includes ABS, Automatic Traction Control, and Full-Stability Systems

ELYRIA, Ohio – Dec. 20, 2011 – Bendix Commercial Vehicle Systems LLC, the North American leader in the development and manufacture of leading-edge active safety and brake system technology, recently marked a major milestone with delivery of its millionth Bendix[®] ABS-6 braking system. The Bendix ABS-6 braking system is installed on Class 6, 7, and 8 air-brake tractor-trailers, trucks, motorcoaches, and specialty heavy-duty vehicles.

Introduced in late 2004, the Bendix ABS-6 family includes three types of braking systems: the standard Bendix ABS-6 antilock braking system, the premium system with Bendix[®] Smart ATC[™] (automatic traction control), and Bendix[®] ABS-6 Advanced with ESP[®] Electronic Stability Program (Bendix[®] ESP[®]).

Bendix ABS-6 braking systems are available from most major truck manufacturers, including International[®], Kenworth, Mack, Peterbilt[®], and Volvo; coach manufacturers, such as Prevost[®]; and a variety of specialty vehicle manufacturers.

“Reaching this milestone is a testament to the capability of the technology that the Bendix and Knorr-Bremse team developed,” said Kevin Romanchok, product line director for electronics at Bendix. “The ABS-6 family has not only proven itself to be the premier heavy-duty air-brake system, but it also enabled the age of robust active safety with electronic activation of the brakes with Bendix ABS-6 Advanced with ESP (Bendix ESP) full-stability technology.”

The Bendix ABS-6 braking system consists of wheel speed sensors, ABS pressure modulator valves, and an electronic control unit (ECU). The ABS-6 ECU monitors individual wheel-turning motion during braking and adjusts or modulates the brake pressure at the wheel end. When excessive wheel slip or wheel lock-up is detected, the ECU activates the pressure modulator valves to automatically reduce the brake pressure at one or more of the wheel ends. By these actions, the ABS system helps to maintain the vehicle’s lateral stability and steering ability during heavy brake applications, as well as during braking on slippery surfaces.

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December 20, 2011/Page 2

In addition to the ABS function, ABS-6 premium systems provide an automatic traction control feature. Bendix® ABS-6 Premium with Bendix® Smart ATC™ can improve vehicle traction during acceleration and lateral stability while accelerating through curves. The system employs engine torque limiting, where the ECU communicates with the engine's controller, and/or differential braking, where individual wheel brake applications are used to improve vehicle traction.

Bendix® ABS-6 Advanced with ESP® Electronic Stability Program is an ABS-based full-stability system. The system includes automatic traction control and enhances vehicle stability both by reducing engine throttle and applying vehicle braking, based on actual vehicle dynamics.

Unlike roll-only systems, full-stability technology addresses both roll and directional stability. Full-stability systems recognize and mitigate conditions that could lead to rollover and loss-of-control situations sooner on dry surfaces and in a wider range of driving and road conditions, including snowy, ice-covered, and slippery surfaces. As the market leader, Bendix was the first North American brake system manufacturer to make a full-stability solution widely available for the commercial vehicle market.

"The advancement of ABS systems to deliver stability control is a significant event," said Fred Andersky, Bendix director of government relations. "Full-stability control is the foundation of innovations, such as radar-based adaptive cruise control with braking and collision mitigation braking. Understanding the value of full stability, the National Highway Traffic Safety Administration is considering rulemaking for ESP/ESC on tractors and motorcoaches."

Bendix advanced safety technologies do not replace the need for good drivers, safe driving practices, and ongoing driver training. Visit www.bendix.com for more information.

About Bendix Commercial Vehicle Systems LLC

Bendix Commercial Vehicle Systems, a member of the Knorr-Bremse Group, develops and supplies leading-edge active safety technologies, energy management solutions, air brake charging, and control systems and components under the Bendix® brand name for medium- and heavy-duty trucks, tractors, trailers, buses, and other commercial vehicles throughout North America. An industry pioneer, employing more than 2,700 people, Bendix is driven to deliver solutions for improved vehicle performance, safety, and overall operating cost. Bendix Commercial Vehicle Systems is headquartered in Elyria, Ohio, with manufacturing plants in Acuña, Mexico; Bowling Green, Ky.; and Huntington, Ind. For more information, call 1-800-AIR-BRAKE (1-800-247-2725) or visit www.bendix.com. To learn more about career opportunities at Bendix, visit www.bendix.com/careers. Follow Bendix on Twitter at http://twitter.com/Bendix_CVS.