

BENDIX® ABS-6 ADVANCED WITH RSP ROLL STABILITY PROGRAM

AN INTELLIGENT INVESTMENT IN STABILITY

Now available on International TranStar™, 9200, 9400, 9900, PROStar™ and LoneStar™ model tractors. Just use code 04AZR on your next new truck order.

Using familiar air-based North American braking systems, Bendix® ABS-6 Advanced with RSP (Roll Stability Program) provides core antilock braking, along with Bendix® Smart ATC™ and RSP features to offer the most effective ABS-based traction control and roll stability systems on the market today.

Safety is the bottom-line

Most people don't think of a safety system as contributing to the bottom-line. But when you consider the costs of accident related vehicle damage, down-time, clean-up etc... it's easy to see how it does. For fleets looking to reduce incident potential and improve profitability, Bendix ABS-6 Advanced with RSP may be the best solution.

Bendix® ABS-6 Advanced with the RSP system can offer the following competitive advantages to your fleet

- **Protect Profitability** – Every dollar you save through incident reduction goes directly to the bottom-line. Consider this... just to stay profit (bottom-line) neutral, a fleet operating at a 5% margin would need to increase revenue by 20 times the cost of accident related losses. That means reducing accident costs by \$100,000 is equivalent to growing top-line sales by 2 million dollars.
- **Promote Customer Satisfaction** – An accident can result in a late delivery or even damage to your customer's property, which can build ill-will and loss of confidence. Alternately, an investment in a stability system demonstrates the added value that your fleet provides.
- **Enhance Driver Training** – With tractor trailer combinations, often drivers don't know the vehicle is tipping because they can't feel what's happening until it's too late. The RSP stability system can not only help to mitigate those events, but driving data can be monitored and used as a proactive training tool.
- **Strengthen Operational Efficiency** – The reliability of genuine Bendix components, the familiarity of an ABS-based system, along with a portfolio of easy-to-use diagnostic tools means less training and more vehicle up-time.
- **Boost Driver Retention** – A commitment to safety improves driver morale and can reduce the potential of drivers leaving the profession or going to a competitor.

Bendix® RSP Roll Stability Program – What is it and how does it work?

The Bendix ABS-6 Advanced system continuously monitors a variety of vehicle parameters and sensors to determine if the vehicle is reaching a critical safety threshold. When such a situation develops, the RSP system will quickly and automatically intervene to assist the driver.

The RSP System can apply tractor and trailer brakes, as well as de-throttle the engine, and does so faster and with more precision, in most situations than a human.



The Key Features and Benefits of ABS-6 Advanced with RSP

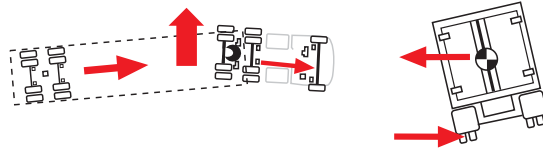
- **Roll Stability Program (RSP)** – Bendix RSP helps to mitigate rollovers through advanced sensing and automatic application of the vehicles brakes.
- **Bendix® Smart ATC™** – Unlike other traction control products, the Bendix® Smart ATC™ traction control system makes adjustments based on the vehicle orientation (straight vs. curve) and the driver's throttle input.
- **Core ABS** – Prevents wheel lock-up to help drivers maintain steering control while braking. Compliance with FMVSS 121 for air brake systems.
- **Diagnostics** – Bendix® ABS-6 offers a suite of diagnostic tools to keep your trucks on the road. From traditional blink codes and "Chuff", to a portable remote diagnostic unit (RDU), PRO-LINK™ compatibility, and Bendix® ACom™, comprehensive computer-based diagnostic software.
- **Serviceability** – Bendix® ABS-6 Advanced is an ABS-based system, most of the components are the same familiar parts used on your current ABS and ATC system. The additional ESP components are based on proven technology and require only simple direct part replacement.
- **Customization** – Our patent pending customization feature allows fleets to add custom functions such as lift axle actuation, trailer pressure monitoring and more.



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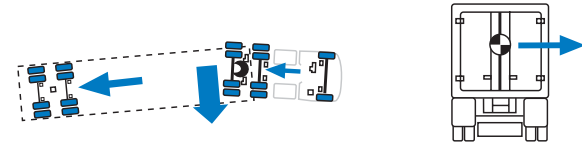
Driving Scenario:

A vehicle speeds around a curve resulting in a side (lateral) force causing its wheels to leave the ground and subsequently roll over.



How the RSP System Responds:

The Bendix® ABS-6 Advanced with RSP system applies pressure to all tractor and trailer brakes and retards the engine throttle to quickly reduce vehicle speed and therefore reduce the tendency of the vehicle to roll over.



All Stability Systems Are Not Created Equal

Evaluating competitive stability offerings can be confusing. Considering cost alone is not likely to result in the best solution to meet your return on investment, safety, and driver acceptance goals. To determine the effectiveness of a stability system one must consider the following key factors:

- 1) The system's ability to detect potential instability situations quickly and completely,
- 2) The speed and accuracy of the intervention;
- and 3) The ability to apply ample braking.

The table below identifies the key features and components of stability systems to provide a clear picture of the Bendix® RSP advantage.

	Feature	What it does	Why it matters	Wabco® RSC	Bendix® ABS-6 Advanced with RSP
Bendix® Smart ATC™ System	Available in 4S/4M, 6S/4M, and 6S/6M ABS	Available on different ABS configurations	Adaptable for the needs of fleet specific vehicles	✓	✓
	Drag Torque Control	Prevents wheel lock-up caused by the engine brake on slippery surfaces	Helps maintain vehicle stability by preventing wheel lock-up during down shifting on slippery surfaces	✓	✓
	Standard Traction Control	Stops the wheels from spinning during acceleration	Helps maintain vehicle stability when accelerating on slippery surfaces or up a hill	✓	✓
	Enhanced Curve Stability	Allows for less wheel slippage around curves	Lessens the likelihood of over-steer on exit ramps with slippery surfaces		✓
Bendix® RSP Sensor Technology	Enhanced Driver Demand	Allows for more wheel slippage when the driver wants it	Allows the wheels to spin if the driver wants to churn through packed snow		✓
	Wheel Speed Sensor	Monitors the speed at individual wheels	Allows the system to determine vehicle speed and monitor wheel lock-up to optimize braking	✓	✓
	Lateral Acceleration Sensor	Senses the side or lateral forces acting on the vehicle	Side or lateral forces are used to detect a roll situation	✓	✓
	Brake Pressure Sensor	Measures the driver's braking demand	Allows the system to accurately supplement the driver throughout the maneuver		✓
Bendix® RSP Performance Enhancements	Load Sensor	Senses the vehicle's weight distribution	Allows the system to match braking power to weight distribution		✓
	Multi-level Sensing	Cross checks multiple system sensors	Improves the reaction time and accuracy of the intervention		✓
	Tuning	Different vehicles have different stability characteristics. Tuning adapts the stability system to account for these differences.	Improves the ability of the stability system to match the intervention to the situation		✓
	All Axle Braking	The ability to apply brakes at all axles	Provides the best opportunity to reduce vehicle speed in the shortest time		✓

Bendix® ABS-6 Advanced with RSP helps you make an intelligent investment in stability. For more information talk to your Account Manager, call 1-800-AIR-BRAKE (1-800-247-2725) or visit www.bendix.com today.

