BENDIX® TABS-6™ ADVANCED TRAILER ROLL STABILITY PROGRAM (TRSP®)

BOTH SINGLE-CHANNEL AND MULTI-CHANNEL SYSTEMS ARE AVAILABLE FOR MOST AIR- AND SPRING-RIDE SUSPENSIONS



Bendix® TABS-6™ Advanced roll stability system provides trailers with core antilock braking, along with Trailer Roll Stability Program (TRSP®), in one efficient package that's simple to install and simple to maintain.

Advanced Performance in a Flexible Package

The Bendix TABS-6 Advanced trailer roll stability system detects conditions that may lead to a trailer rollover more rapidly than a driver typically realizes an intervention is necessary. When that occurs, the system automatically intervenes by applying the trailer brakes to slow the vehicle and help mitigate a potential rollover.

Bendix TRSP solutions are self-contained units which operate with a variety of trailer electrical requirements – from 8 to 32 volts – without a separate power converter. The system can be purchased on new trailers direct from the OEM or retrofitted onto existing trailers.

Designed for Robust Performance, Flexibility, and Easy Maintenance

Diagnostics are quick via PLC communication with Bendix® ACom® PRO Diagnostic Software or our Bendix® Trailer Remote Diagnostic Unit (TRDU). J1939 CAN-based diagnostics are also available via ACom PRO on the Bendix® Trailer Information Module (TIM™).

Simply safer

A trailer roll-stability system is designed to help drivers maintain control of their vehicles in two ways. First, it evaluates conditions that may lead to a rollover. Second, it intervenes by applying the trailer brakes automatically, allowing the driver to bring the vehicle under control more effectively.

Lift Axle Control

The Bendix TABS-6 Advanced family of products also features automatic lift axle control that will monitor the suspension load of the trailer and automatically determine when the axle should be lifted or lowered based on the trailer's cargo weight. This eliminates the need for the driver to manually manage the lift axle position. Lift axle control will help reduce your operating costs by reducing brake and tire wear and improving fuel economy when the axle is not in use. This feature will support one or two lift axles and is configured with the Bendix ACom PRO Diagnostic Software tool. For greater convenience, the system can be set to automatically lower the axle when the trailer is parked to prevent damage to the suspension during loading and unloading.

Choose the Option That's Right for Your Fleet

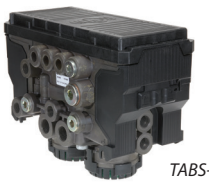
Single-channel (SC) Version



TABS-6™ Advanced

Bendix TABS-6 Advanced is the first-ever, single-channel trailer stability system. Our most cost effective solution, it's designed to be an easier-to-install replacement for the 75% of trailers built today with a 2S/1M single-channel ABS. The unit performs both ABS and trailer stability. It can mount directly to the air tank on a cross-member or frame rail. Plus, our single-channel option can easily accommodate four wheel ends with its four delivery ports.

Multi-channel (MC) Version



TABS-6 Advanced MC

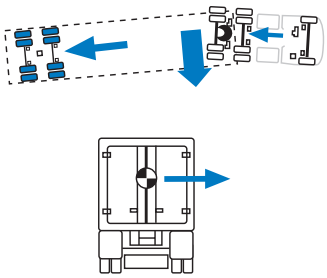
With our multi-channel version, most of the key components – two modulators, the lateral acceleration sensor, and the ECU – are efficiently housed in an environmentally-protected central modular unit, making it more simple to install and easier to maintain. A locking connector cover provides a second line of defense against water, grime and tampering. Like the single-channel version, the multi-channel, self-contained unit provides both ABS and roll stability.

Bendix®

BENDIX® TABS-6™ ADVANCED TRAILER ROLL STABILITY PROGRAM (TRSP®)

How Bendix® TABS-6™ Advanced Trailer Stability Systems respond:

A vehicle enters a curve too fast, on high friction pavement, resulting in high lateral (side) forces acting at the vehicle's center of gravity (CG). Bendix® TABS-6™ Advanced roll stability systems apply pressure to the trailer brakes to reduce vehicle speed and help mitigate the tendency of the vehicle to roll over.



Which Trailer System is right for your fleet?

Your Trailer Goal	Single-channel	Multi-channel
Need the most cost effective / basic trailer stability?	ü	
Already have a 2S/1M-equipped trailer ABS system and need to upgrade to trailer stability?	ü	
Already have a 4S/2M- or 2S/2M-equipped trailer ABS system and need to upgrade to trailer stability? (this situation covers most tankers)		ü
Have tandem axle trailers and have been susceptible to flat-spotting in the past? (individual wheel sensitivity helps prevent this)		ü
You want to keep ABS functional even when there is one wheel speed sensor faulted? (possible when multiple wheels are sensed)		ü
You have tridem (three-axle) trailers and want the easiest, fastest solution to trailer stability? (three delivery ports per modulator make it easy to plumb)		ü
You have air-ride or spring-ride suspension trailers? (both the SC and MC versions are available for either air- or spring-ride suspensions. Requires an external load sensor.)	ü	ü
Retrofit needed? (the Bendix® TABS-6™ Advanced TRSP system can also be ordered on new trailer purchases)	ü	ü

For maximum stability – combine Bendix® ESP® on the tractor with Bendix® TABS-6™ Advanced on the trailer

Your fleet can get the maximum amount of stability available by having both systems on the tractor/trailer combination because these systems complement each other. Together they cover a wider variety of potential rollover scenarios. This is especially applicable for fleets that run high value trailers, sensitive loads, or who want the highest safety available.

Bendix safety technologies complement safe driving practices and are not intended to enable or encourage aggressive driving. No commercial vehicle safety technology replaces a skilled, alert driver exercising safe driving techniques and proactive, comprehensive driver training. Responsibility for the safe operation of the vehicle remains with the driver at all times.

Now you can make trailer roll stability available for almost any trailer. Learn More. Talk to your Bendix Account Manager, call 1-800-AIR-BRAKE (1-800-247-2725), or visit www.bendix.com today.

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