

Bendix® TRSP Trailer Kit Application Guide



New Bendix® Trailer Roll Stability Program (TRSP) Installation Kits For Air Suspension Only

Bendix® TABS-6™ Advanced TRSP systems are designed for use with Bendix® WS-24™ wheel speed sensors to ensure optimal performance and help avoid warranty rejections.

Trailer Type for Air Suspension Only	Pre-dressed Axle with Wheel Speed Sensors	Bendix® TABS-6™ Advanced TRSP System w/ABS	Bendix® TRSP Kit Part No.	Included in Kits				Installation Instructions	Service Data Sheet*	
				Spring Brake Valve	(300083) 90° Wheel Speed Sensors	Power Pigtail Length	Power Cable			
 Single Axle Semitrailer	Yes	2S/1M Axle	K098095	No	No	9"	9"	S-1591	SD-13-47671	
	No		K098096	No	Yes					
			K098097	SR-5™						
 Tandem Axle Short Spread Semitrailer	Yes	Single Channel	K098095	No	No	9"	9"			
	No		K098096	No	Yes					
			K098097	SR-5™						
 Single Axle Semitrailer	Yes	2S/2M Side	K111656	No	No	9"	9"	S-1639	SD-13-47672	
	No	Multi Channel	K111657	No	Yes					
			K111658	SR-5™						
 Tandem Axle Short Spread Semitrailer	Yes	2S/2M Side or 4S/2M Side	K111656	No	No	9"	9"			
	No		Multi Channel	K111657	No					Yes
				K111658	SR-5™					
 Triaxle Axle Short Spread Semitrailer	Yes	Multi Channel	K111656	No	No	9"	9"			
	No		Multi Channel	K111657	No					Yes
				K111658	SR-5™					
 Tandem Axle Large Spread Semitrailer	Yes	4S/2M Axle	K112219	No	No	9"	9"			
	No		Multi Channel	K112220	No					Yes
				K112221	SR-5™					
 Triaxle Axle Large Spread Semitrailer	Yes	Multi Channel	K112219	No	No	9"	9"			
	No		Multi Channel	K112220	No			Yes		
				K112221	SR-5™					

*For schematics refer to the service data sheets found in the document library at www.bendix.com.

Notes:

- Air disc brake applications require straight wheel speed sensors (part number K028296), which must be ordered separately.
- For non-pre-dressed axles, all wheel speed sensor parts are included in the kit (except sensor blocks & tone rings).
- All kits that contain 90° wheel speed sensors are intended only for drum brake applications.
- All trailer installation kits contain warning and blink code diagnostic labels. Some may contain an ABS warning lamp and miscellaneous clips as needed.
- Tools required: Bendix® ACom® Diagnostic software (version 6.8 or higher) and ACom license keys. Contact the Bendix Tech Team @ 1-800-AIR-BRAKE, option 2, (1-800-247-2725, option 2) for more information.

Bendix®...The Right Choice in Trailer Roll Stability

Single-channel (SC) Version

Bendix® TABS-6™ Advanced is the first-ever, single-channel trailer stability system. Our most cost effective solution, it's 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.



TABS-6™
Advanced

Multi-channel (MC) Version

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. It's 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.



TABS-6
Advanced MC™

Bendix makes trailer roll stability possible on new trailers. In fact, replacing a legacy Bendix® ABS or TRSP system – or replacing a competitive ABS or TRSP system – is as easy as 1-2-3.

1	Choose the type of trailer installation using the new Bendix TRSP Trailer Installation Guide.
2	Select the TRSP system part number that meets your application needs.
3	Visit an authorized Bendix distributor to purchase your TRSP system. To find the location nearest you, visit www.bendix.com or contact your Bendix Account Representative at 1-800-AIR-BRAKE, option 4, (1-800-247-2725, option 4).

Diagnostic Tools

Description	Part No.
Bendix® Trailer Remote Diagnostic Unit (TRDU)	K101597
7-Pin Adapter	5016330
TRDU 7-Pin Kit (TRDU and Adapter)	K101595



Trailer Remote
Diagnostic Unit
(TRDU)



Trailer Remote
Diagnostic Unit
(TRDU) Adapter

www.bendix.com

For the latest information, and for free downloads of the Bendix® ACom® Diagnostics software, plus *User Guide*, visit the Services & Support tab on www.bendix.com.



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For additional information, contact your Bendix Representative or the Bendix Tech Team at 1-800-AIR-BRAKE, option 2, (1-800-247-2725, option 2) today.