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.

	Bendix®		Included in Kits				S	
Pre-dressed Axle with Wheel Speed Sensors	TABS-6™ Advanced TRSP System w/ABS	Bendix [®] TRSP Kit Part No.	Spring Brake Valve	(300083) 90° Wheel Speed Sensors	Power Pigtail Length	Power Cable	Installation Instructions	Service Data Sheet*
Yes		K098095	No	No				
No	2S/1M Axle	K098096 K098097	No SR-5™	Yes	9"	9"	S	SD-13
Yes	Single	K098095	No	No		9"	1591	SD-13-47671
No	Channel	K098096	No SR-5™	Yes	9"			
Yes	2S/2M Side	K111656	No	No	9"	9"		
No	Multi Channel	K111657 K111658	No SR-5™	Yes				
Yes		K111656	No	No				
No	2S/2M Side or	K111657 K111658	No SR-5™	Yes	9"	9"		
Yes		K111656	No	No	9"	9"	S-1639	SD-13-47672
No	Channel	K111657 K111658	No SR-5™	Yes				
Yes	4S/2M Axle	K112219	No	No	9"	9"		
No		K112220 K112221	No SR-5™	Yes				
Yes	Multi	K112219	No	No				
No	Channel	K112220	No	Yes	9"	9"		
	Axle with Wheel Speed Sensors Yes No Yes	Pre-dressed Axle with Wheel Speed Sensors Yes No 2S/1M Axle Yes Single Channel No Yes 2S/2M Side Multi Channel Yes No Yes No 4S/2M Side Multi Channel Yes No Yes Multi Channel Multi Channel	Pre-dressed Axle with Wheel Speed Sensors Advanced TRSP System w/ABS Bendix® TRSP Kit Part No. Yes 2S/1M Axle K098095 K098095 No 2S/1M Axle Channel K098097 Yes Single Channel K098095 No K098097 K098095 Yes 2S/2M Side K111656 No Multi Channel K111657 Yes 2S/2M Side or 4S/2M Side or 4S/2M Side Multi Channel K111658 Yes Multi Channel K111656 Yes Multi Channel K111657 No 4S/2M Axle Channel K112220 Yes Multi Channel K112221 Yes Multi Channel K112221	Pre-dressed Axle with Wheel Speed Sensors TABS-6™ Advanced TRSP System w/ABS Bendix® TRSP Kit Part No. Spring Brake Valve Yes Yes K098095 No Yes Single Channel No K098097 SR-5™ Yes Single Channel No K098095 No Yes 2S/2M Side K098095 No Yes 2S/2M Side K111656 No Yes 2S/2M Side K111657 No Yes 2S/2M Side or 4S/2M Side K111658 SR-5™ Yes Multi Channel K111658 SR-5™ No Multi Channel K111657 No Yes K111658 SR-5™ Yes K111657 No No K111658 SR-5™ K111658 No K111658 Yes K1112219 No No K112220 No K112220 No K112221 SR-5™ K1122219 No	Pre-dressed Axle with Wheel Speed Sensors Advanced TRSP System W/ABS Bendix® TRSP Kit Part No. Spring Brake Yalve Wheel Speed Sensors Yes Xop8095 No No No Yes Single Channel K098095 No No Yes Single Channel K098095 No No No K098097 SR-5™ Yes Yes 2S/2M Side K111656 No No Yes 2S/2M Side Or 4S/2M Axle Or 4S/	Pre-dressed Axle with Wheel Speed Sensors TRSP System Wheel Speed Sensors Bendix® TRSP Kit Valve Spring Brake Sensors Wheel Speed Sensors Power Pigtail Length Yes 2S/1M Axle K098095 No No No 9" Yes Single Channel K098096 No No 9" Yes Single Channel K098095 No No 9" Yes Single Channel K098096 No No 9" Yes 2S/2M Side Or As/2M Side Yes K111656 No No 9" Yes Yes K111658 SR-5™ Yes 9" Yes Yes K111656 No No 9" Yes K111658 SR-5™ Yes 9" Yes Multi Channel K111657 No No 9" Yes Multi Channel K111658 SR-5™ Yes 9" Yes K111658 SR-5™ Yes Yes Yes Yes K112220	Pre-dressed Axle with Wheel Speed Sensors	Pre-dressed Axle with Wheel Speed Sensors Power System W/ABS Power System W/ABS Power Sensors Power System W/ABS Power Sensors Power Speed Sensors Power Speed Sensors Power Speed Sensors Power Sensors

^{*}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.

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.

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)



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.



Log-on and Learn from the Best

On-line training that's available when you are -24/7/365. Visit www.brake-school.com.

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.