
Bendix™



ABS/Trailer Stability - Bendix® TABS6 Trailer Roll Stability (TRSP)

Safety

Lower Cost of Ownership

Roll-overs

BENDIX MANUFACTURER'S WEBSITE (https://www.bendix.com/en/products/airtreatment/airtreatment_1.jsp)

BENDIX PRODUCTS (https://www.bendix.com/en/products/products_1.jsp)

BRAKE SCHOOL (https://www.brake-school.com/public/)

Product Highlights

Lowers TCO with robust design features

Helps reduce the risk of trailer roll-overs

Helps driver maintain control

Top Movers - ABS Trailer

Part Number	Part Description	Model Number	Rank By Units	Rank By Sales
BW K049570	HUB ASM	-	5	1
BW K043077	Air Disc Brake	-	7	2
BW K043078	Air Disc Brake	-	8	3
BW K028652	ABS Trailer Module	TABS6	17	4

BW K022344	SPRING BRAKE (DISC)	T12/16	9	5
BW K022345	SPRING BRAKE (DISC)	T12/16	10	6
BW 802807	SHIELD	ADB22X	4	7
BW 801855	ABS Trailer Module	TABS6	14	8
BW K043197	Slack Adjuster Kit	-	3	9
BW K043329	SPRING BRAKE (DISC)	T18/24	15	10
BW 801544	SENSOR_SPEED	WS-24	1	11
BW 802078	Brake Pad Kit	ADB22X	22	12
BW 802985	Air Disc Brake	ADB22X	37	13
BW 802984	Air Disc Brake	ADB22X	39	14
BW 802997	ABS Kit for Trailer	TABS6	34	15
BW K033221	VALVE_SPRING BRAKE	SR-5	18	16
BW 43-7118	KIT	-	6	17
BW K033223	VALVE_SPRING BRAKE	SR-5	19	18
BW 107459N	VALVE_CONTROL	PP-1	16	20
BW K049898	SPRING BRAKE (S-CAM)	-	13	21
BW K019711	ABS Kit for Trailer	TABS6	40	22
BW K070796	Brake Pad Kit	-	30	23
BW 802082	ROTOR	ADB22X	42	24
BW 802948	SHIELD	ADB22X	2	25
BW 801856	ABS Trailer Module	TABS6	43	27
BW K025647	HARNESS	TABS6	20	28
BW 802569	ROTOR	ADB22X	41	29
BW NT3030STD-120DS	SPRING BRAKE (S-CAM)	-	21	30
BW K029519	SENSOR_SPEED	WS-24	23	31
BW 802026	CABLE_EXTENSION	WS-24	12	32
BW KT4515QBLU	KIT	-	24	33
BW OR109615	VALVE_CORELESS	SR-5	28	34
BW 802052	CABLE_EXTENSION	WS-24	11	36
BW K034753	SENSOR_SPEED	WS-24	27	39
BW 065476	VALVE_RELAY	R-12P	35	40
BW NT3030STD-78DS	SPRING BRAKE (S-CAM)	-	26	41
BW NT3030STD-120	SPRING BRAKE (S-CAM)	-	31	43
BW K041877	Slack Adjuster Kit	-	33	44
BW NT3030STD-78	SPRING BRAKE (S-CAM)	-	29	45

BW 12581	SPRING BRAKE (S-CAM)	3030PS	32	48

General Product Information

Bendix® TABS6 ABS

Product	Description
Standard ABS	2S/1M Basic ABS system required by law
Premium ABS	2S/1M through 4S/3M ABS
Single Channel Trailer Roll Stability	2S/1M ABS w/Integral Trailer Roll Stability Program (TRSP) for single or multiple trailer applications
Multi-Channel Trailer Roll Stability	2S/2M & 4S/2M ABS w/Integral Trailer Roll Stability Program (TRSP) for single or multiple trailer applications

Bendix® TABS6 Trailer ABS

Features	Benefits
Mechatronic Design	No external cables connecting ECU to Modulator – Eliminates common failure point
Integral & Protected Connectors	5 Pin industry standard connector – No need for additional power pigtail (Standard ABS)
	Power and Speed senor connections protected by lockable splash cover - all connections vertical to reduced likelihood of corrosion
Small Package/Simplified Installation	Tank or Frame Mountable-
	4.75” Installation Swing Radius
	4.2 lbs
	One supply port connection – additional plug not required
	Installation requires no bending of speed sensor harness and power harness
	Remote mount modulator – ideal for spread axle trailers with separate tanks and Canadian applications with more than 3 axles
Retrofit capabilities	Multiple Kits combinations available for both Bendix or Competitive ABS Retrofits
Simple Diagnostics	Simple to initiate 2-digit blink-code diagnostics – No tools required
	Remote J1587 diagnostic cable available
	Supported by Bendix ACOM Diagnostics
Flexible Features	Auxiliary Design Language (ADL)Up to eight (8) auxiliary pins available (Premium ABS) for added functionality
Data & Communications	Odometer mileage, trip and service intervals, trailer VIN via PLC

Bendix® TABS6 Trailer Roll Stability (TRSP)

Bendix® TABS6 Advanced functionality applies pressure to the trailer brakes to reduce vehicle speed and mitigate the tendency of the vehicle to roll over.

Situation	Example Description	How TRSP Helps
Roll-Over	Exiting Highway or entering a curve turning too fast	When that occurs, the system automatically intervenes when it sees lateral acceleration building. The system pulses the brakes to detect wheel lock and then applying brakes to slow the vehicle and help mitigate a potential rollover
	Swerving to avoid and object in your lane	When that occurs, the system automatically intervenes based on the quick change in lateral acceleration it sees and immediately applies the trailer brakes to slow the vehicle and help mitigate a potential rollover.
Aggressive Driving	Perceived risk of roll-over is high	Integrates with SafetyDirect or other telematics systems to wirelessly notify the fleet

Warranty Information

Bendix Aftermarket Warranty (http://www.bendix.com/en/servicessupport/warranty/warranty_2.jsp)
(https://www.diamond-gard.com/sales-brochures)

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Back to Top

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