

BENDIX® TLV-9000™ TRAILER LIFT AXLE VALVE

Proven Design

Your customers trust you to sell the best, so why wouldn't you rely on the leader when it comes to designing and developing lift axle valves for heavy-duty applications? Operating on trailers equipped with Bendix® TABS-6™ Advanced Single- or Multi-Channel systems, the Bendix® TLV-9000™ valve automatically controls the raising and lowering of the lift axle based on vehicle or trailer loading. In doing so, axles can be dropped for increased payload distribution or lifted to reduce wheel-end wear and fuel consumption. The TLV-9000™ uses the latest in pressure sensing technology that is necessary for today's demanding market and applications.

Ease of Operation

The Bendix® TLV-9000 is a compact electro-pneumatic valve used on vehicles with TABS-6 Advanced systems. The lift axle control is performed via an electronic signal from the trailer ABS/TRSP (Antilock Braking System / Trailer Roll Stability Program) Electronic Control Unit (ECU) based on pressure sensing. The TLV-9000 contains a solenoid intended for use with a 12 VDC signal. When energized, suspension bags exhaust, while lift bags fill to raise the axle. When voltage is not applied, the exhaust/fill operation is reversed, dropping the axle to the ground.

Manual Override

If manual control of the lift axle is desired, Bendix offers an easy-to-use override kit. Simply connect the override harness to the existing lift axle harness. Doing so will allow the lift axle to be dropped to ground, remaining there as long as the switch is activated.

Seamless Installation

The TLV-9000 mounts to the vehicle frame with only two fasteners. The standard wiring harness is then connected to valve with a bayonet connector. Attach the air lines via the valves convenient push-to-connect fittings and installation is complete.

An Industry Leading Warranty

With protection for one year or 100,000 miles, and when properly installed and used, the TLV-9000 is eligible for the Bendix Total Air Guarantee (T.A.G.) warranty program. To learn more about the Bendix T.A.G. warranty, search for BW1716 in the document library on bendix.com.

Genuine Bendix® valves, why take a chance with anything less?

The Bendix® TLV-9000 Trailer Lift Axle Valve is one of the complete line of Bendix components that can help improve vehicle performance, increase efficiency, and reduce your overall operating costs. To find out more, talk to your Bendix representative, call 1-800-AIR-BRAKE (1-800-247-2725), or visit bendix.com today.



Small Package with Powerful Features

- Compatible with Bendix® ACom® diagnostic software for easy troubleshooting available at your fingertips.
- Part of a comprehensive system that works in conjunction with trailer roll stability.
- Peace of mind knowing the TLV-9000 is designed to withstand even the most severe of environments.
- Rugged testing ensures a long life cycle with more uptime.
- PTC fittings make tube connections quick and painless.

Bendix® TLV-9000™ Trailer Lift Axle Valve Specifications

Height:	6.5 in
Weight:	1.2 lbs
Operating Pressure:	145 psi max
Operating Temperature:	-40° to 200° F
Voltage:	12 VDC
Connector:	DIN72585-A1-2.1 (Bayonet)
Mounting Holes:	2
Fitting Type:	Brass push-to-connect
Fitting Size:	3/8"
Number of Inputs:	2
Number of Outputs:	5 (2 for each bag, 1 for exhaust)

