

TRISTOP™ D IBV

SPRING BRAKE CHAMBERS WITH INTERNAL BREATHING VALVE



WABCO

PREMIUM PERFORMANCE AND LONG LIFE

For over 150 years, WABCO has supplied the commercial vehicle segment with cutting edge technology designed to enhance safety and lower costs. Our expertise in manufacturing, research and development has been poured into our latest spring brake chamber product: the new TRISTOP D with Internal Breathing Valve.

INTERNAL BREATHING VALVE (IBV)

IBV is the key to extended life. This valve allows the brake chamber to breathe using clean air from the service side of the chamber. Most competitor chambers breathe with external holes in the rear housing (Open-Hole Technology). These holes allow for contaminants like dirt and salt to enter the spring cavity and decay the parking spring. Protecting the parking spring is the best way to extend the life of the brake chamber and WABCO's IBV does exactly that, allowing for a fully sealed parking spring.

COIL CLASH-FREE PARKING SPRING

For stable, repeatable performance

INTERNAL BREATHING VALVE

Provides clean and dry air protection against aggressive environmental conditions extending the lifetime of the device

WELD ENHANCED MOUNTING

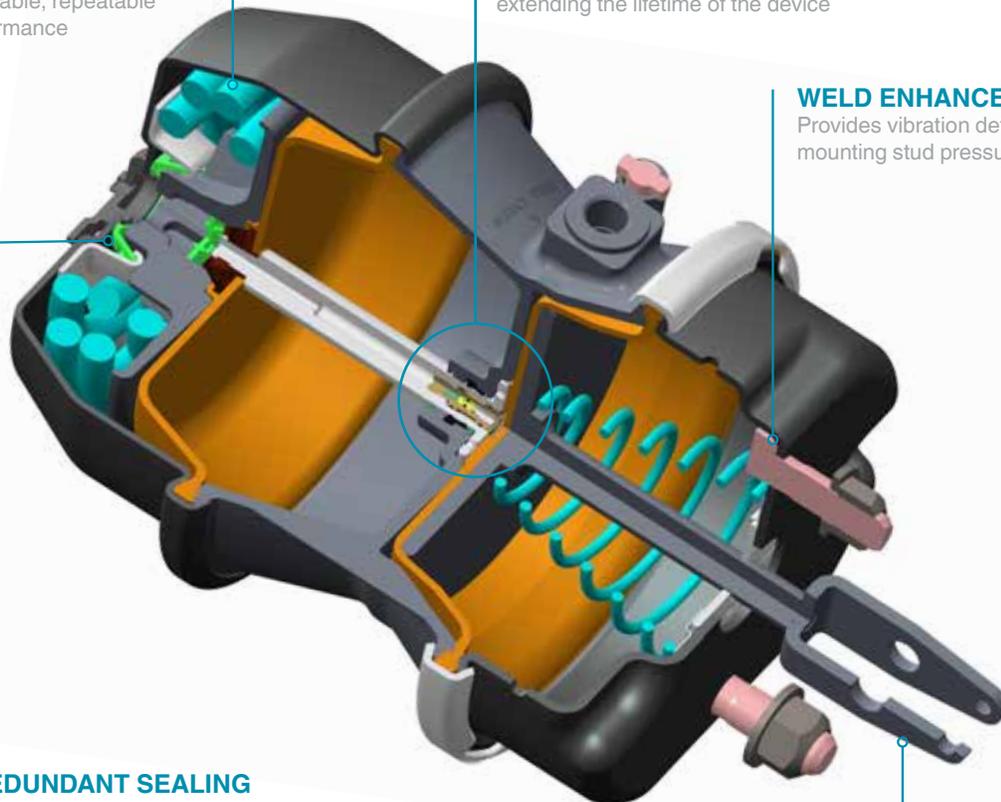
Provides vibration deflection away from mounting stud pressure points

REDUNDANT SEALING

In driving position for superior sealing of spring chamber

WELDED CLEVIS AVAILABLE

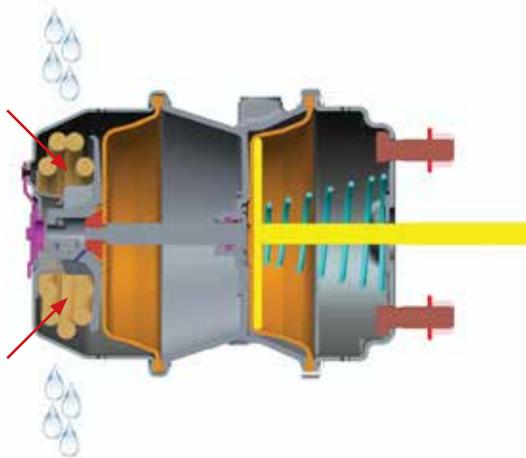
For quick installation



KEEPING THE TRUCK ON THE ROAD AND OUT OF THE GARAGE

Today, maintaining high vehicle safety standards and lowering total cost of ownership (TCO) are significant challenges for fleet managers. WABCO's IBV technology and coil clash-free parking spring design maximize spring brake chamber life. This higher life expectancy provides significant maintenance cost savings by optimizing uptime. Conventional, Open-Hole design chambers allow external road contaminants to reach the parking brake parts that accelerate wear and tear.

OPEN-HOLE TECHNOLOGY



Contamination enters and corrosion occurs resulting in a broken parking spring



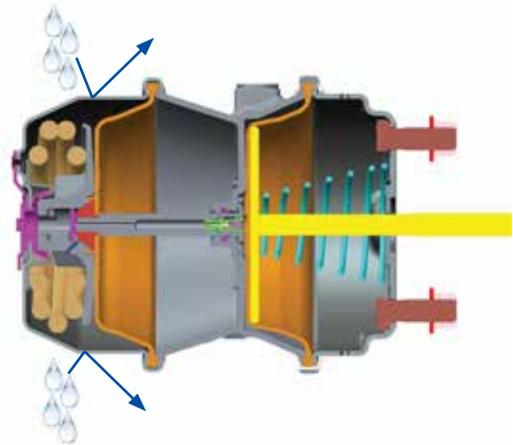
Competitors' parking springs after corrosive slurry/mud test*

Broken parking springs lead to reduced or even lost braking performance and leakages resulting in hot running brakes. WABCO's IBV technology extends the life of the spring brake chamber and optimizes fleet safety.

TRISTOP D spring brake chambers are available in multiple sizes covering the needs of North American fleets.

*Duration of 5 weeks in an accelerated corrosive environment

WABCO IBV TECHNOLOGY



Only dry and clean air is used in the spring room of the parking brake - the parking spring remains protected from exterior contaminants



WABCO's parking spring after corrosive slurry/mud test*

THE WABCO DIFFERENCE

- Longer service intervals, keeping the truck on the road and out of the garage
- Lower Total Cost of Ownership

REDUCED TOTAL COST OF OWNERSHIP AND DOWNTIME

WABCO

WABCO ACTUATION

In 1869 young inventor George Westinghouse formed the Westinghouse Air Brake Company. Today, the direct descendant of that original venture is WABCO – but George's original vision still guides the company. His dedication to engineering science and creativity allowed him to achieve results his contemporaries believed to be unattainable.

This dynamic outlook towards innovation is an attitude that still inspires WABCO today. Our current product base has diversified as our footprint has spread across the globe.

As our company has matured we have continued to specialize in innovative brake technologies, focused on fleet safety and efficiency. Throughout the years, our ever expanding brake chamber business has produced 40 million units with 15 million currently in service around the world. TRISTOP D with Internal Breathing Valve (IBV) is the latest addition to our catalogue. Like the decades of successful products that have come before, TRISTOP D advances braking technology significantly: increasing performance and lowering total cost of ownership. Like all genuine WABCO parts, TRISTOP D with IBV is the product of WABCO's robust Research & Development commitment, manufactured from high-quality materials with extensive quality controls.



HIGHEST STANDARDS

WABCO's state of the art test facilities enable the design and production of high quality products which protect fleets against the tough elements seen on North American roads. TRISTOP D comes with a 6 year limited warranty. National fleet partner agreements are also available for extended warranties.



HIGH QUALITY - SIGNIFICANT COST SAVINGS

For further details contact your WABCO representative or WABCO North America at: (855) 228-3203



a **WORLD** of
DIFFERENCE

WABCO (NYSE: WBC) is a leading global supplier of technologies and services that improve the safety, efficiency and connectivity of commercial vehicles. Founded nearly 150 years ago, WABCO continues to pioneer breakthrough innovations for advanced driver assistance, braking, stability control, suspension, transmission automation and aerodynamics. Partnering with the transportation industry as it maps a route towards autonomous driving, WABCO also uniquely connects trucks, trailers, drivers, cargo, and fleet operators through telematics, as well as advanced fleet management and mobile solutions. WABCO reported sales of \$2.6 billion in 2015. Headquartered in Brussels, Belgium, WABCO has 12,000 employees in 39 countries. For more information, visit:

www.wabco-auto.com