

## SAFELY THROUGH THE WINTER USING WABCO ACTUATORS WITH INTERNAL BREATHING VALVE

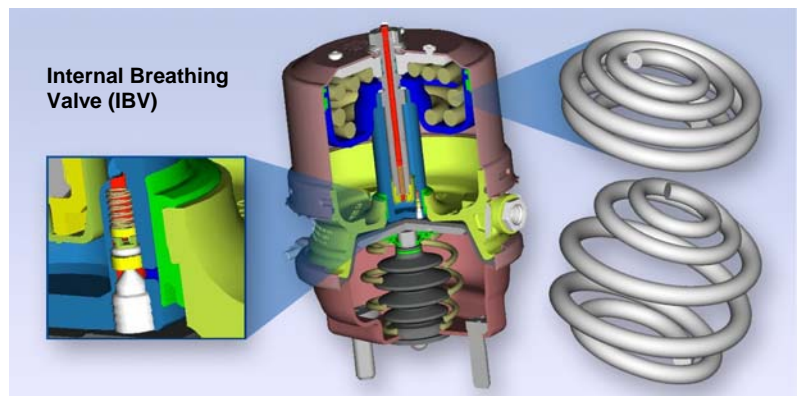
In the winter season rough weather conditions and salt on the streets demand a great deal from both: the vehicle driver and the commercial vehicle itself. Exposed parts suffer from humidity, salt and temperatures below 0 °C. That might lead to a higher corrosion and in the worst case to unexpected breakdowns. With an Internal Breathing Valve (IBV) WABCO offers a highly effective solution for actuators minimizing these risks.

### BENEFITS DURING THE WINTER SEASON AND BEYOND

Most WABCO actuators feature an Internal Breathing Valve and a coil clash-free barrel shaped power spring. Thanks to the IBV the parking brake part is protected against environmental impacts, so liquid and dirt can hardly get into the actuator. Another protection against corrosion is the barrel shaped power spring. Unlike cylindrical springs it is coil clash-free and accordingly avoids corrosion by minimizing friction.

Your benefits of actuators with IBV at one glance:

- **RELIABILITY:** Superb inner-component protection extends the life of the actuator
- **SAFETY:** High corrosion resistance avoids unexpected breakdowns



### PROVEN CORROSION RESISTANCE

WABCO has performed a salt spray test simulating harsh road conditions in the winter season. A WABCO actuator and two competitor products have been tested. In this Neutral Salt Spray (NSS) test the actuators had to undergo a 240 h salt spray testing. The test results prove the higher corrosion resistance of WABCO actuators with IBV compared to competitor products. Have a look at the pictures showing the inner components after the test and convince yourself of the high corrosion resistance WABCO is offering.

**WABCO product**



**no corrosion**

**Competitor 1 product**



**clear visible corrosion**

**Competitor 2 product**



**clear visible corrosion**

## BUY WABCO ORIGINAL

Every WABCO part is made of high-grade materials and is rigorously tested by WABCO before leaving our hands. Each is a product of WABCO's 150 year history of innovation and design excellence. There is also an added assurance that the quality of every WABCO part is reinforced by a powerful global customer service network.

Information on WABCO products can be found in our product catalogue [INFORM](http://inform.wabco-auto.com) (inform.wabco-auto.com) by entering the product number in the "Product Number" search field.

Please contact your [WABCO partner](#) for further information (www.wabco-auto.com/findwabco).