



Bendix® GC™ Spin-On Air Dryer Cartridge

*Questions and Answers about the new spin-on Green Cartridge (GC).
June 2018*

Please note: This document is designed to assist you in understanding select aspects of the Bendix® GC™ spin-on air dryer cartridge and does not serve as a performance guarantee. Not all aspects of this product are referenced in this document. This information is subject to change without notice.

1. Where does Bendix get the desiccant for the GC?

Bendix has access to remanufactured desiccant reclaimed from other Bendix air dryer cartridges. For over 20 years we have been remanufacturing desiccant utilizing a proven, robust process.

2. Why is a Bendix GC with remanufactured desiccant better than the other “value” brand spin-on cartridges available on the market today?

Rigorous testing has proven that other value brand cartridges often lose their efficiency quickly after being placed into service. The inferior desiccant used by these brands can degrade rapidly when exposed to higher levels of moisture. In severe cases, this desiccant can break down into a powder and enter the air system, resulting in expensive repairs.

3. Can a Bendix GC be placed into service on a new tractor?

New model tractors under warranty should always substitute “like for like” OE-grade spin-on air dryer cartridges. Many of the new trucks on the road come equipped with an oil-coalescing filter. Vehicles with an oil-coalescing filter must always replace that filter with another oil-coalescing filter. The GC is a standard cartridge and is *not* a substitute for oil-coalescing applications.

4. How does the GC compare to Bendix OE-grade spin-on cartridges?

Using a standard Society for Automotive Engineers (SAE) drying efficiency test, Bendix GC cartridges with remanufactured desiccant has been proven to perform within just a few percentage points of our OE-grade cartridge. The overall service life of the GC, however, is shorter than the OE-grade spin-on and is application specific.

5. Does the GC have a core charge?

No. The GC is sold as Service New with **NO** core charge.

6. Can the GC be used on any air dryer?

Yes. The GC cartridge can be used on any common air dryer in North America that uses a standard 39mm, right-hand thread, spin-on dryer cartridge. As long as the truck does **NOT** require an oil coalescing filter – or is still covered under a factory warranty – the GC can serve as a replacement.

7. How often should a GC cartridge be replaced?

Bendix dryer cartridge replacement intervals are published in the *Recommended Service Intervals for Bendix® Air Dryers* (Bendix BW8068). The recommended replacement interval for a GC dryer cartridge is typically **six to twelve months**. Remember to always follow the truck manufacturer's published service recommendations, though, as they may require more frequent service intervals.

See reverse for more

8. How important is desiccant to protecting an air system?

Very important. Desiccant is the heart of an air dryer. An air system relies on quality desiccant to remove moisture for the entire life of the cartridge – not just when it's brand new. The Bendix® GC™ uses a proprietary mix of OE-grade new desiccant and desiccant that has been exclusively remanufactured by Bendix. This blend provides not only high efficiency moisture removal, but proven, consistent performance over the life of the cartridge as well.

9. How does Bendix determine the effectiveness of the desiccant in the GC?

Our engineers evaluate desiccant using several methods, including a wet-attribution test that determines long-term suitability. Wet attrition testing subjects desiccant to a combination of moisture saturation and vibration to determine how effective it will be over the entire life cycle of the cartridge.

Figure 1: Bendix vs. other desiccant available today after wet attrition testing.



Bendix desiccant after testing. Beads are intact with no clumping or powdering.



Competitive desiccant after testing. Beads are clumped, powdering into the air system.

Figure 2: Our comprehensive testing delivers a closer look at how inferior desiccant can take a vehicle out of service.



Partial blockage: the port is partially blocked and air is restricted due to desiccant failure. Mitigate blockage with the Bendix GC cartridge, a reliable solution at a great price.



Full blockage: the port is full of clumped desiccant. Blockage can cause the air brake controls to fail. The system will likely have to be flushed and components replaced (thousands of dollars in repairs) plus downtime.

To learn more, talk to you Bendix account manager, call 1-800-AIR-BRAKE (1-800-247-2725) or visit bendix.com today.

