



# RECOMMENDED CARTRIDGE MAINTENANCE INTERVALS FOR BENDIX® AIR DRYERS

Air Requirement	Typical Vehicle Vocation	Axles	Cartridge Maintenance Intervals					
			AD-9®	AD-9si®	AD-IP®	AD-HF®	AD-HFi®	AD-SP®
High or Sensitive*	Multiple trailers, city transit, heavy duty, off-road	11 or less	6-12 months**					
Standard	Line haul, city, delivery	5 or less	12-24 months**					

\*High or Sensitive: an air system which consumes large amounts of air or is sensitive to contamination such as vehicles with Automated Manual Transmissions (AMT).  
 \*\*Always follow the truck manufacturer's published maintenance recommendations as they may require more frequent maintenance intervals.



**CAUTION:** Failure to use Genuine Bendix® oil coalescing filter cartridges and failure to maintain cartridges within the recommended intervals can result in damage to vehicle components or systems.

## Bendix Air Dryer Cartridge Replacement

Bendix recommends the Bendix® PuraGuard® oil coalescing filtration as a replacement cartridge for the Bendix AD-9®, AD-IP®, AD-9si®, AD-RP™, AD-SP®, AD-HF®, and AD-HFi® air dryers. The top of the page illustrates **suggested** replacement intervals for the air dryer cartridge. **Always follow the truck manufacturer's published maintenance recommendations as they may require more frequent maintenance intervals and supersede these suggestions.**

**More frequent maintenance intervals may be required** depending on the vehicle's age, the condition of its air compressor, or use of a non-Bendix compressor. Other factors to consider are the vehicle's operating environment, vocation, usage, and equipment installed. Fleets can determine the condition of the air dryer by checking for moisture in the air brake system. This check of the system is performed by partially draining the reservoirs and observing the discharge. If excessive moisture – or oil mixed with water – is present, the air dryer cartridge may need to be replaced. The recommended frequency of the check is once per month. If a problem is suspected, more frequent checks can be made and further investigation should be performed to determine the cause of moisture build up. If needed, adjust the cartridge replacement interval to the lower specified limit. For additional information, always reference the appropriate Bendix Service Data (SD) sheet on B2Bendix.com for the air dryer installed on the vehicle.

## Air Dryer Cartridges with PuraGuard® Oil Coalescing Filtration

A Bendix® PuraGuard® oil coalescing air dryer provides air system protection for vehicles that rely on clean, dry air for brake system controls along with other pneumatically operated functions. PuraGuard (PG) cartridges contain an oil coalescing filter located **before** the desiccant bed that removes water and oil aerosols passed by the compressor.

A Bendix PuraGuard oil coalescing cartridge is almost identical in appearance to the standard Bendix® air dryer cartridge. Make sure the cartridge has the PuraGuard medallion or logo on it (see image).



**IMPORTANT:** If the truck manufacturer supplied an air dryer with a Bendix® oil coalescing cartridge, you MUST replace it with a Bendix® oil coalescing cartridge regardless of the age of the vehicle. If the air dryer was not originally supplied with an oil coalescing filter, you can help improve any air dryer's performance by upgrading to a PuraGuard cartridge. Bendix recommends checking with the vehicle OE prior to performing upgrade.

## Trucks Equipped with a Non-Coalescing Desiccant Cartridge

For Bendix® non-coalescing desiccant cartridges, the recommended replacement interval for most long haul and delivery trucks is typically 12-24 months. Annual replacement may be necessary for severe-duty applications.

The condition of the compressor – as well as where the truck operates – can affect cartridge life. Periodic inspection of air in the service tanks is recommended to ensure the air dryer is functioning properly and that contaminants are not accumulating downstream. Use of a non-Bendix cartridge on a Bendix air dryer voids the Bendix warranty (refer to BW1715, Limited Warranty for Bendix Air Dryers for more details).



**CAUTION:** Modifying the vehicle air system outside of OE recommendations or configurations could result in damage or wear to vehicle components or systems.

