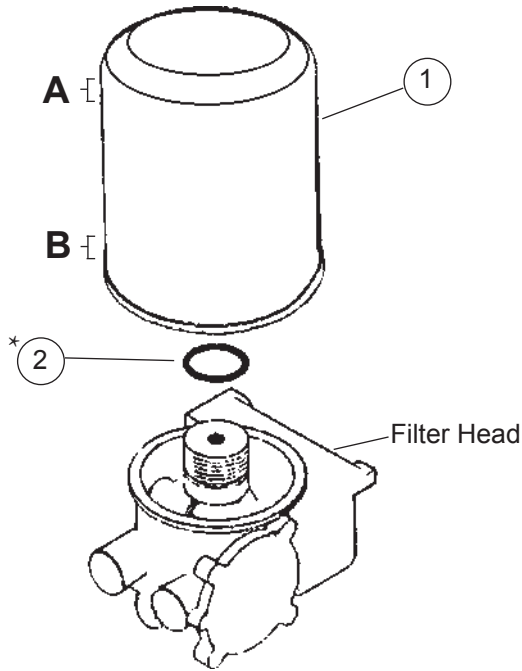


DESICCANT CARTRIDGE REPLACEMENT KIT



The desiccant cartridge replacement kit consists of the following:

Kit Contents		
Item No.	Description	Qty.
1	Desiccant Cartridge	1
2	*O-ring	1
3	Lubricant (not shown)	1

Figure 1 – Desiccant Cartridge Replacement Kit

*This kit can be installed on Bendix® AD-IS®, AD-9si®, AD-SP®, and AD-RP™ air dryers, however the o-ring must be discarded.



GENERAL SAFETY GUIDELINES

WARNING! PLEASE READ AND FOLLOW THESE INSTRUCTIONS

TO AVOID PERSONAL INJURY OR DEATH:

When working on or around a vehicle, the following guidelines should be observed AT ALL TIMES:

- ▲ Park the vehicle on a level surface, apply the parking brakes and always block the wheels. Always wear personal protection equipment.
- ▲ Stop the engine and remove the ignition key when working under or around the vehicle. When working in the engine compartment, the engine should be shut off and the ignition key should be removed. Where circumstances require that the engine be in operation, **EXTREME CAUTION** should be used to prevent personal injury resulting from contact with moving, rotating, leaking, heated or electrically-charged components.
- ▲ Do not attempt to install, remove, disassemble or assemble a component until you have read, and thoroughly understand, the recommended procedures. Use only the proper tools and observe all precautions pertaining to use of those tools.
- ▲ If the work is being performed on the vehicle's air brake system, or any auxiliary pressurized air systems, make certain to drain the air pressure from all reservoirs before beginning ANY work on the vehicle. If the vehicle is equipped with a Bendix® AD-IS® air dryer system, a Bendix® DRM™ dryer reservoir module, or a Bendix® AD-9si® air dryer, be sure to drain the purge reservoir.
- ▲ Following the vehicle manufacturer's recommended procedures, deactivate the electrical system in a manner that safely removes all electrical power from the vehicle.
- ▲ Never exceed manufacturer's recommended pressures.
- ▲ Never connect or disconnect a hose or line containing pressure; it may whip and/or cause hazardous airborne dust and dirt particles. Wear eye protection. Slowly open connections with care, and verify that no pressure is present. Never remove a component or plug unless you are certain all system pressure has been depleted.
- ▲ Use only genuine Bendix® brand replacement parts, components and kits. Replacement hardware, tubing, hose, fittings, wiring, etc. must be of equivalent size, type and strength as original equipment and be designed specifically for such applications and systems.
- ▲ Components with stripped threads or damaged parts should be replaced rather than repaired. Do not attempt repairs requiring machining or welding unless specifically stated and approved by the vehicle and component manufacturer.
- ▲ Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.
- ▲ For vehicles with Automatic Traction Control (ATC), the ATC function must be disabled (ATC indicator lamp should be ON) prior to performing any vehicle maintenance where one or more wheels on a drive axle are lifted off the ground and moving.
- ▲ The power **MUST** be temporarily disconnected from the radar sensor whenever any tests **USING A DYNAMOMETER** are conducted on a vehicle equipped with a Bendix® Wingman® system.
- ▲ You should consult the vehicle manufacturer's operating and service manuals, and any related literature, in conjunction with the Guidelines above.

DISASSEMBLY

1. Using an appropriate filter wrench, loosen the old filter cartridge (1) and remove it from the filter head by spinning it in a counterclockwise direction. Be careful not to allow dirt or other contaminants to fall into the filter head.

Note: Return the old filter cartridge to an authorized Bendix® outlet for disposal.

2. Remove and discard the o-ring (2).
3. Clean the surface area of the filter head with a clean cloth. Be careful not to allow dirt or other contaminant to fall into the filter head.

ASSEMBLY

1. Install the new o-ring (2) onto the filter head. **Note that this kit can be installed on Bendix® AD-IS®, AD-9si®, AD-SP®, and AD-RP™ air dryers, however the o-ring must be discarded – do not install.**
2. Apply a thin coat of the lubricant (3) packaged with this kit to the seal on the bottom of the new filter cartridge.
3. Apply the remaining lubricant to the air dryer cartridge (1) mounting threads on the housing.
4. Spin the new cartridge (1) onto the dryer housing in a clockwise direction until the seal makes contact with the dryer housing. Using an appropriate filter wrench (if necessary), tighten the desiccant cartridge one full turn. **Note:** Place the filter wrench only on areas **A** or **B** as shown in Figure 1 to avoid damage to the cartridge.



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