



We've Made Some Changes For The Better.

✓ Bendix Updates Design Of Its AD-IS® / AD-IP® Air Dryer Purge Valve Assembly, Adds Replacement Kits



The times are changing and so are we. Over the years, evolving commercial vehicle engine emissions standards have resulted in higher heat and new air system contaminants. So, as part of our ongoing continuous improvement process, Bendix – the leader in air treatment system design – has redesigned our AD-IS® / AD-IP® air dryer purge valve assembly for even greater service life and reliability for your customers.

Here's an overview of the improvements along with an easy-to-use guide to help you and your customers transition to the new part numbers.

Our Updated Purge Valve Assembly Offers:



FEATURES	BENEFITS	ADVANTAGES
<ul style="list-style-type: none"> • New dual U-cup seal 	<ul style="list-style-type: none"> • Improved durability and performance from two seals versus one 	<ul style="list-style-type: none"> • Durability lab test results show 2-3 times longer life than the previous design
<ul style="list-style-type: none"> • Wear band addition 	<ul style="list-style-type: none"> • The U-cup seals are protected from additional premature wear 	<ul style="list-style-type: none"> • Extends service life significantly
<ul style="list-style-type: none"> • A longer return spring with more active coils 	<ul style="list-style-type: none"> • Enables consistent piston return 	<ul style="list-style-type: none"> • Prevents the valve piston from sticking or binding



Dual U-Cup Purge Valve Assembly Kit

New Part Numbers: K022105; K031559; K031560; K031561; K031562; K031563

Current Status: Supersedes all existing quad ring kits listed below as of 09/15/2008

Flip this document over to learn more about proper assembly kit selection and current availability.



Quad Ring Purge Valve Maintenance Kit

Impacted Part Numbers: 5003547, 5017683

Current Status: Obsolete as of 09/15/2008

Why The Change?

The new & improved piston design will not fit or operate in the old style housing of the Bendix purge valve.

Replace With: Replace with a complete valve assembly

Flip to the reverse of this document to learn more about the proper assembly kit selection and current availability.



Quad Ring Purge Valve Assembly Kit

Impacted Part Numbers: 800404; 5009650; 5017682; 5017687

Current Status: Obsolete as of 09/15/2008

Why The Change?

The quad ring was replaced by the dual U-cup seals and wear ring.

Replace With: Replace with a complete valve assembly

Read the reverse side of this document to learn more about the proper assembly kit selection and current availability.

Original Kit Piece Number	Configuration / Installation	Replacement Kit Piece Number
800404 Purge Valve Assembly Kit for climate conditions above -40°C (-40°F)	AD-IS® / AD-IP® Air Dryer	K022105
	AD-IS® / AD-IP® EverFlow™ Air Dryer AD-IP® Drop-In Air Dryer	K031560*
5017687 Arctic Purge Valve Assembly Kit for climate conditions between -40°C to -50°C (-40°F to -58°F)	AD-IS® / AD-IP® Air Dryer	K031559
	AD-IS® / AD-IP® EverFlow™ Air Dryer AD-IP® Drop-In Air Dryer	K031561*
5009650 Purge Valve Assembly Kit for climate conditions above -40°C (-40°F)	AD-IP® Air Dryer Discharge Line Unloader	K031562
5017682 Arctic Purge Valve Assembly Kit for climate conditions between -40°C to -50°C (-40°F to -58°F)	AD-IP® Air Dryer Discharge Line Unloader	K031563
5003547 Purge Valve Maintenance Kit for climate conditions above -40°C (-40°F)	Purge valve maintenance kits will no longer be offered. Select the appropriate purge valve assembly kit from those shown above that best matches your application.	
5017683 Arctic Purge Valve Maintenance Kit for climate conditions between -40°C to -50°C (-40°F to -58°F)		

* Available Q1 2009

For more information about the new updates to our redesigned purge valve assembly kits, or about any of our complete line of Genuine Bendix air dryers, valves, compressors, electronics, wheel end components and more, talk to your Bendix account manager, call 1-800-AIR-BRAKE (1-800-247-2725), or visit www.bendix.com today.

