



AEROFINER II & III

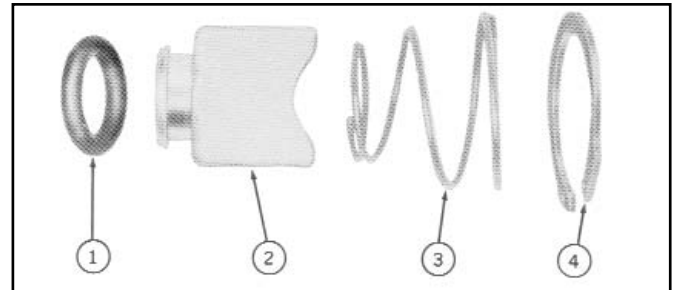
Air Dryer Check Valve Repair Kit

L31196
4/03

Note: This kit is for the Aerofiner II & III air dryer which contains a repairable check valve.

Kit Contents:

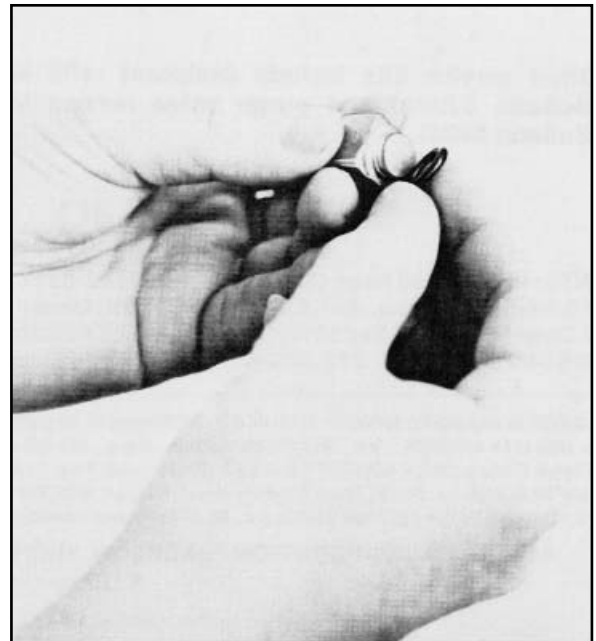
Item	Part Number	Quantity	Description
1	N11728	1	O-Ring
2	FF9860-38	1	Poppet
3	FF9860-39	1	Spring
4	44W16088	1	Retaining Ring
5	L31196	1	Service Instructions



Service Instructions



Step 1: Loosen the connections at the inlet and outlet of the air dryer and bleed the system. After relieving the air system pressure, remove the hose line and/or adapter from the 3/4" female NPTF outlet port. Remove the retaining ring (item 4) with snap ring pliers. Remove the spring (item 3) and poppet O-Ring assembly (item 2 and 1).



Step 2: Install the new O-Ring onto the poppet and coat the entire O-ring/poppet assembly with a light petroleum grease. The sealing surface in the valve body must be smooth and clean. Inspect thoroughly before installing new check valve components.

Continued on reverse side



Step 3: Place the O-Ring/poppet assembly into the check valve body, O-Ring end first, as shown. Needle nose pliers may be used to guide the poppet into place.



Step 4: Place the new spring in back of the poppet (with small end of spring facing poppet).

Step 5: Install retaining ring in retaining ring groove behind the spring. Following installation, verification of valve operation may be desired. Remove the air dryer cap assembly and push the nose of the poppet several times. Free movement with a positive return should be observed. After functional testing, the spring must still be retained fully by the retaining ring.

Other service kits include desiccant refill kit (Bulletin L31083) and purge valve service kit (Bulletin L31093).



Haldex Commercial Vehicle Systems



**North American Sales Division
Haldex Brake Products Corporation**
10707 NW Airworld Drive
Kansas City, MO 64153-1215
Phone: 816-891-2470
Fax: 816-880-9766

**North American Sales Division
Haldex Limited**
525 Southgate Drive, Unit 1
Guelph, Ontario Canada N1G 3W6
Phone: 519-826-7723
Fax: 519-826-9497

www.haldex.com • www.hbsna.com