

Spare Parts List Tank Breather Filter BF



BF4 BF10 BF3 BF30 BF7 BF72 BF5 BF52 BF8 BF9



1. MAINTENANCE

1.1 GENERAL

Please follow the maintenance instructions!

1.2 COMMISSIONING

Check that the correct filter element is fitted, replace cover (only for BF 5, 52, 7, 72, 8, 9 and BF 7, 72 acc. Renault regulations).

1.3 TOOLS REQUIRED FOR MAINTENANCE

Size	TOOLS
5, 52	Spanner AF width 17
7, 72	–
7, 72 Renault	–
8	Spanner AF width 17
9	Spanner AF width 17

1.4 TORQUE VALUE FOR CLOGGING INDICATORS FOR BF 8, 9

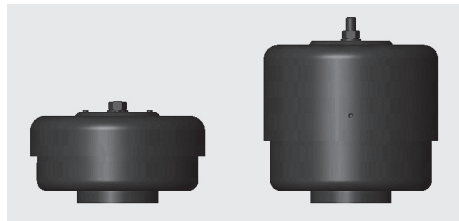
Type	Max. torque
VMF	15 Nm; apart from UBM indicator = 2 Nm

In the case of BF 7, 72, the indicators are glued in!

2. CHANGING THE ELEMENT

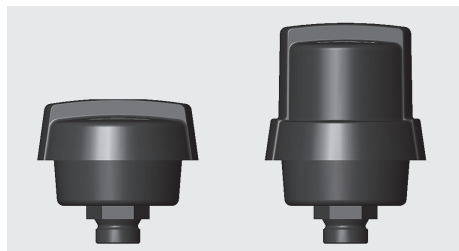
Tank breather filter BF 10, 4, 3, 30 and BFPR 10 must be replaced completely; it is not possible to change the element on these filter types for technical reasons.

2.1 CHANGING THE ELEMENTS BF 5, 52



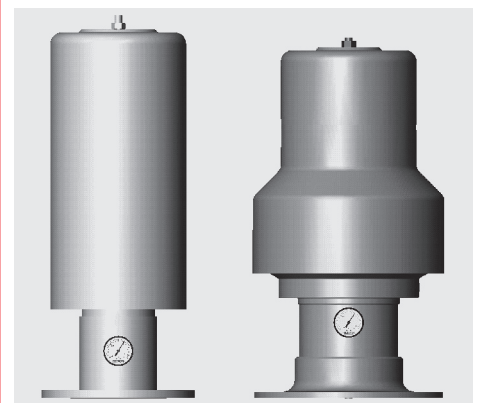
1. Remove the nut and washer
2. Lift up cover
3. Remove element(s)
4. Install new element(s)
5. Replace cover
6. Apply washer
7. Screw on nut

2.2 CHANGING THE ELEMENTS BF 7, 72 AND BF 7, 72 RENAULT



1. Unscrew cover manually by turning anticlockwise
2. Remove element
3. Install new element
4. Screw the cover on again manually

2.3 CHANGING THE ELEMENTS BF 8, 9



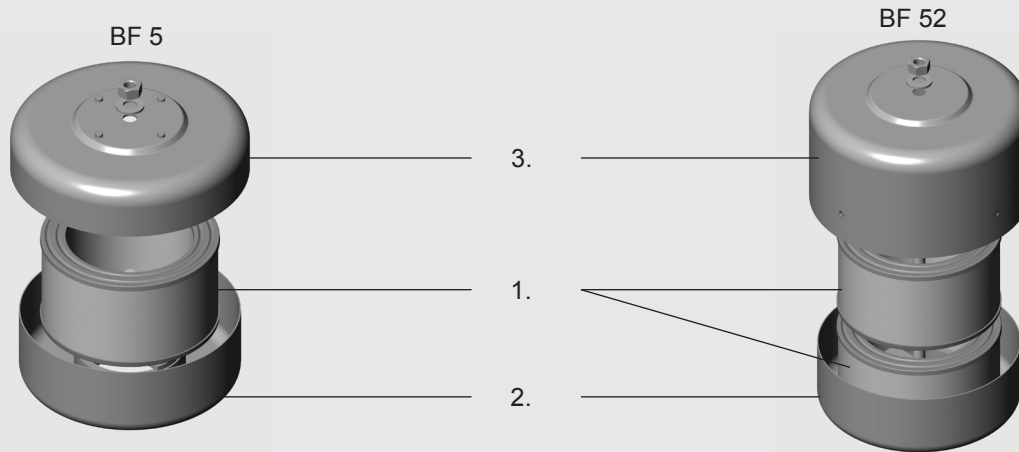
1. Loosen hexagon nut
2. Lift up cover
3. Remove O-ring (only BF 8)
4. Remove filter element
5. Install new element
6. Pull O-ring back over threaded rod (only BF 8)
7. Mount the cover
8. Screw on hexagon nut

NOTICE:

Filter elements which cannot be cleaned must be disposed of in accordance with environmental protection regulations.

3. SPARE PARTS

3.1 SPARE PARTS DRAWING BF 5, 52

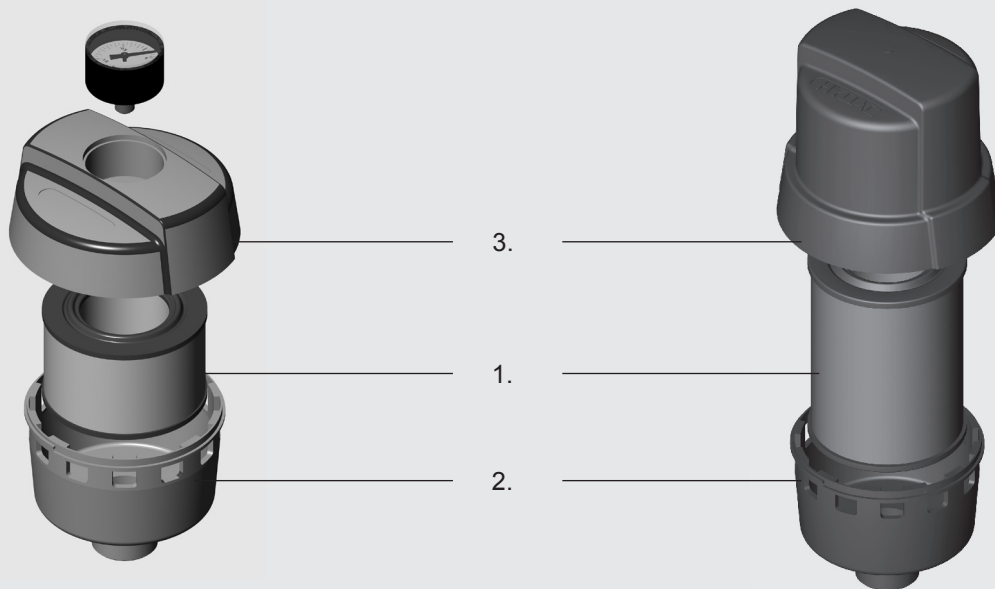


3.2 SPARE PARTS LIST BF 5, 52

Item	Description	5	52
1.	Filter element	See Point 4. Replacement elements	
	0005 L 003 P	1x 00309450	2x 00309450
	0005 L 003 P /-V	1x 00315827	2x 00315827
	0005 L 003 BN4	1x 00315193	2x 00315193
	0005 L 003 BN/AM	1x 01285653	2x 01285653
2.	BF 5(2) G XX W 1.0 (without element)	00313379	01271491
	BF 5(2) N XX W 1.0 (without element)	01304208	01315328
3.	Cover E BF...5(2) W 1.0	01250862	01283650

Other spare parts on request

3.3 SPARE PARTS DRAWING BF 7, 72

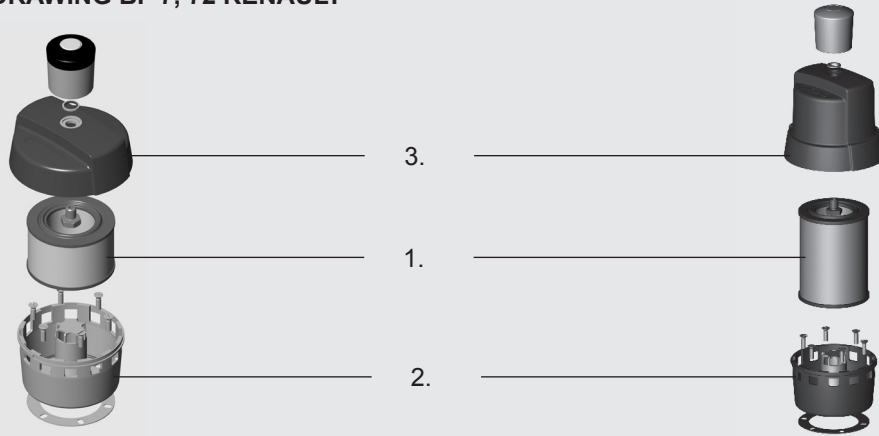


3.4 SPARE PARTS LIST BF 7, 72

Item	Description	7	72
1.	Filter element	see Pt. 4. Replacement elements	
	0007 L 003 P	00310948	–
	0072 L 003 P	–	01293285
2.	BF 7 G XX W 1.0 (without element, without indicator)	00312053	–
	BF 7 G XX K 1.0 (without element, with pressure gauge)	00313950	–
	BF 7 G XX UBM 1.0 (without element, with indicator)	01285052	–
	BF 7 N XX W 1.0 (without element, without indicator)	01298252	–
	BF 7 N XX K 1.0 (without element, with pressure gauge)	01315316	–
	BF 7 N XX UBM 1.0 (without element, with indicator)	01315317	–
	BF 7 U XX W 1.0 (without element, without indicator)	01315318	–
	BF 7 U XX K 1.0 (without element, with pressure gauge)	01315319	–
	BF 7 U XX UBM 1.0 (without element, with indicator)	01315320	–
	BF 7 M XX W 1.0 (without element, without indicator)	01315321	–
	BF 7 M XX K 1.0 (without element, with pressure gauge)	01315322	–
	BF 7 M XX UBM 1.0 (without element, with indicator)	01315323	–
	BF 72 G XX W 1.0 (without element, without indicator)	–	01291745
	BF 72 G XX UBM 1.0 (without element, with indicator)	–	01294577
	BF 72 N XX W 1.0 (without element, without indicator)	–	01298628
	BF 72 N XX UBM 1.0 (without element, with indicator)	–	01294578
	BF 72 U XX W 1.0 (without element, without indicator)	–	01315324
	BF 72 U XX UBM 1.0 (without element, with indicator)	–	01315325
BF 72 M XX W 1.0 (without element, without indicator)	–	01315326	
BF 72 M XX UBM 1.0 (without element, with indicator)	–	01315327	
3.	Cover E BF...7(2) W.0 (without indicator)	01250863	01293286
	Cover E BF...7 K.0 (with pressure gauge)	01261600	–
	Cover E BF...7(2) UBM.0 (with indicator)	01282542	01295104

Other spare parts on request

3.5 SPARE PARTS DRAWING BF 7, 72 RENAULT

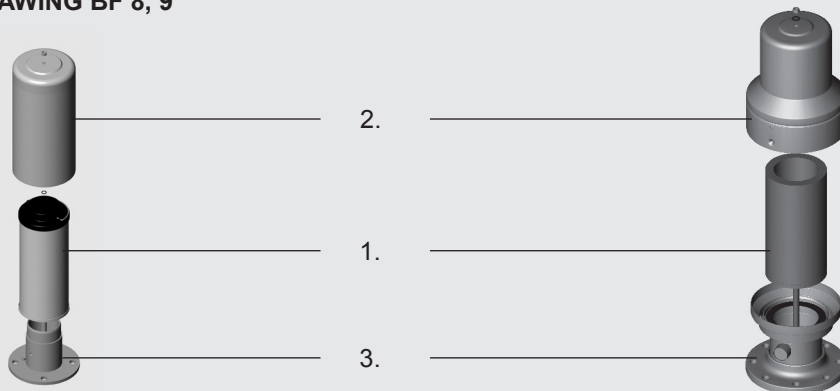


3.6 SPARE PARTS LIST BF 7, 72 RENAULT

Item	Description	7	72
1.	Filter element	See Point 4. Replacement elements	
	0007 L 003 P	00310948	–
	0072 L 003 P	–	01293285
2.	BF 7 G XX UBM 1.0 (without element, with indicator)	01285052	–
	BF 72 G XX UBM 1.0 (without element, with indicator)	–	01294577
3.	Cover E BF...7 UBM.0 (with indicator)	01282542	–
	Cover E BF...72 UBM.0 (with indicator)	–	01295104

Other spare parts on request

3.7 SPARE PARTS DRAWING BF 8, 9



3.8 SPARE PARTS LIST BF 8, 9

Item	Contains	Description	8	9
1.		Filter element	See Point 4. Replacement elements	
	1.1	0008 L 001 BN4	01266598	–
	1.1	0008 L 001 BN4AM	01266080	–
	1.1	0008 L 002 BN4	01265021	–
	1.2	O-ring	97.8 x 5.33	–
	1.1	0009 L 002 BN	–	01287471
2.		Cover BF 8	01206149	–
		Cover BF 9	–	03339699
3.		Socket E	01283651	01295101
	3.1	Socket with threaded rod	1/8" connection	1/8" connection
	3.2	Hexagon nut	M10	M10
	3.3	O-ring	11 x 2	–
	3.4	O-ring	117 x 4	125 x 4
	3.5	Screw plug	R 1/8	R 1/8
4.		Seal kit-E	01270773	01295102
	4.1	O-ring (cover)	11 x 2	–
	4.2	O-ring (socket)	117 x 4	125 x 4

Other spare parts on request

4. REPLACEMENT ELEMENT

0005 L 003 P

Size

0005, 0007, 0072, 0008, 0009

Type

L

Filtration rating

P: 003 (BF 5, 52, 7, 72)
BN4: 001, 002 (BF 8)
BN4: 002 (BF 9)
BN4: 003 (BF 5, 52)
BN4AM: 001 (BF 8)

Filter material

P, BN4, BN4AM

5. CLOGGING INDICATOR

VMF 0.6 K . X

Type of indicator

VMF Return line pressure indicator

Response pressure

0.6 -1 to +0.6 bar
0.035 -0.035 bar

Type of clogging indicator

A Indicator port closed up
K Pressure gauge (response pressure -1 to +0.6 bar)
UBM Visual-analogue vacuum pressure indicator
with manual reset (response pressure -0.035 bar)

Modification number

X The latest version is always supplied

6. MAINTENANCE INSTRUCTIONS

6.1 USER INSTRUCTIONS FOR FILTERS



Notice

It is the responsibility of the owner to comply with the water regulations of the country concerned.



Caution

Statutory accident prevention regulations, safety regulations and safety data sheets for fluids must be observed.



Caution

When working on, or in the vicinity of, hydraulic systems, naked flames, spark generation and smoking are forbidden.



Caution

Hydraulic oils and water-polluting fluids must not be allowed to enter the soil or watercourses or sewer systems. Please ensure safe and environmentally friendly disposal of hydraulic oils. The relevant regulations in the country concerned with regard to ground water pollution, used oil and waste must be complied with.



Not suitable for cleaning with high-pressure cleaner!

Customer Information in respect of Machinery Directive 2006/42/EC

Hydraulic filters are fluid power parts/components and are therefore excluded from the scope of the Machinery Directive.

They do not bear the CE mark.

Before using these components, ensure compliance with the specifications provided by HYDAC Filtertechnik GmbH in this documentation.

The specifications also contain information on the relevant essential health and safety requirements (based on Machinery Directive 2006/42/EC) that are to be applied by the user.

We hereby declare that the filters are intended to be incorporated into machinery within the terms of the Machinery Directive 2006/42/EC.

It is prohibited to put the filters into service until the machinery as a whole is in conformity with the provisions of the Machinery Directive. Furthermore, our Terms of Sale and Delivery are available on our website (www.hydac.com).

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6.2 MAINTENANCE, GENERAL

This section describes maintenance work which must be carried out periodically. The operational safety and life expectancy of the filter, and whether it is ready for use, depend to a large extent on regular and careful maintenance.

6.3 MAINTENANCE MEASURES

- Spare parts must fulfil the technical requirements specified by the manufacturer. This is always guaranteed for original HYDAC spare parts.
- Keep tools, working area and equipment clean.
- After disassembling the filter, clean all parts, check for damage or wear and replace parts if necessary.
- When changing a filter element, a high level of cleanliness must be observed!

6.4 INTERVAL BETWEEN ELEMENT CHANGES

We recommend that you change the air filter or the air filter element every time you change the element.

We differentiate between air filters which have to be completely replaced (BF 4, 10, 3, and 30) and those with a replaceable filter element (BF 5, 52, 7, 72, 7 and 72 Renault, 8 and 9).

NOTE

The information in this brochure relates to the operating conditions and applications described. For applications or operating conditions not described, please contact the relevant technical department. Subject to technical modifications.