

MAINTENANCE

To clean the Model 30/30BP, use the following procedure:

1. Shut off system pressure to the regulator. It is not necessary to remove the regulator from the air line.
2. Remove the two Screws, Retainer Cap and Retainer Plate from the bottom of unit.
3. Remove the Inner Valve Assembly. For more information, see Figure 3.
4. Wash the Inner Valve Assembly with a solvent. Exercise care to prevent damage to diaphragms and valve facings. **Avoid solvents such as acetone, carbon tetrachloride and trichlorethylene.**
5. Replace the assembly carefully. For more information, see Figure 3.

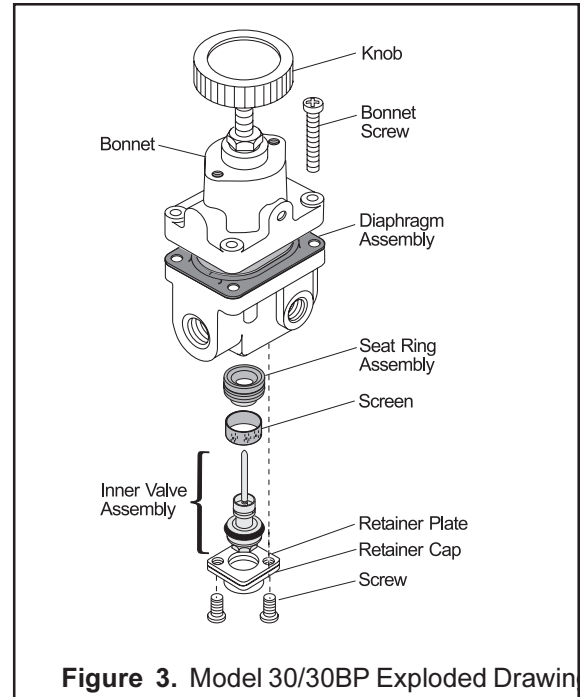


Figure 3. Model 30/30BP Exploded Drawing

Troubleshooting

Problem	Source	Solution
Leakage	Bonnet Screws	Tighten the Bonnet Screws.
High Bleed	<ul style="list-style-type: none"> • Seat Ring • Inner Valve 	<ul style="list-style-type: none"> • If contaminated, clean the source and Body.
	<ul style="list-style-type: none"> • Diaphragm Assembly 	<ul style="list-style-type: none"> • If damaged, install the service kit.

Problem	Source	Solution
Leakage	Body Screws	Tighten the Body Screws.
High Bleed	<ul style="list-style-type: none"> • Pintel • Relief Seat 	<ul style="list-style-type: none"> • If contaminated, clean the source and Body.
		<ul style="list-style-type: none"> • If damaged, install the service kit.

NOTE:

If the standard maintenance procedure does not correct the problem, install the appropriate service kit.

Standard

- 16116-1 Nitrile
- 16116-5 Silicone
- 16116-9 Viton
- 16116-13 Nitrile
- 16116-17 Silicone
- 16116-21 Viton

Non-relieving

- 16116-2 Nitrile
- 16116-6 Silicone
- 16116-10 Viton
- 16116-14 Nitrile
- 16116-18 Silicone
- 16116-22 Viton

Low bleed

- 16116-3 Nitrile
- 16116-7 Silicone
- 16116-11 Viton
- 16116-15 Nitrile
- 16116-19 Silicone
- 16116-23 Viton

Low flow

- 16116-4 Nitrile
- 16116-8 Silicone
- 16116-12 Viton
- 16116-16 Nitrile
- 16116-20 Silicone
- 16116-24 Viton

Pressure ranges

- 2 psig
- 2 psig
- 2 psig
- 10, 30, 60, & 100 psig
- 10, 30, 60, & 100 psig
- 10, 30, 60, & 100 psig

LEGAL NOTICE:

The information set forth in the foregoing Installation, Operation and Maintenance Instructions shall not be modified or amended in any respect without prior written consent of Fairchild Industrial Products Company. In addition, the information set forth herein shall be furnished with each product sold incorporating Fairchild's unit as a component thereof.



ISO 9001:2000
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