

Service guide

Non-return valve

VCM 92

Disassembling and Assembling



The Service guide covers the instruction for disassembling and assembling the VCM 92 Non-return valve.

IMPORTANT:

It is essential that the VCM 92 is serviced in conditions of absolute cleanliness.

WARNING:

Do not use silicone when assembling the VCM 92. Do not reuse disassembled O-rings; they might be damaged.

Always use new O-rings.

For a better understanding of the VCM 92, please see the sectional view.

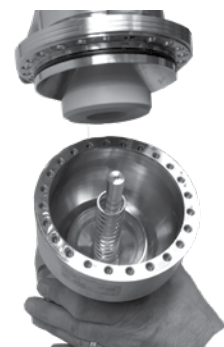
Tools needed:

- 5 mm Allan key
- Torque wrench
- Screwdriver

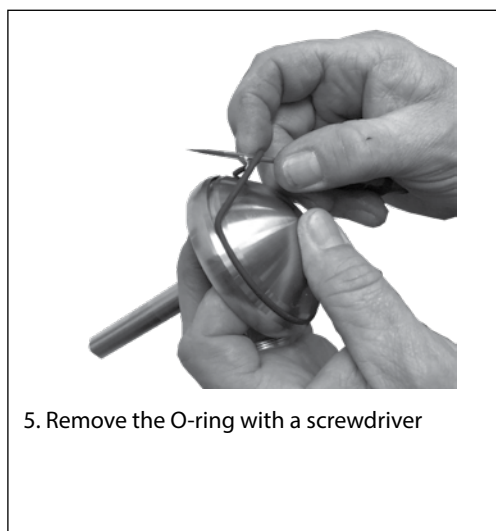
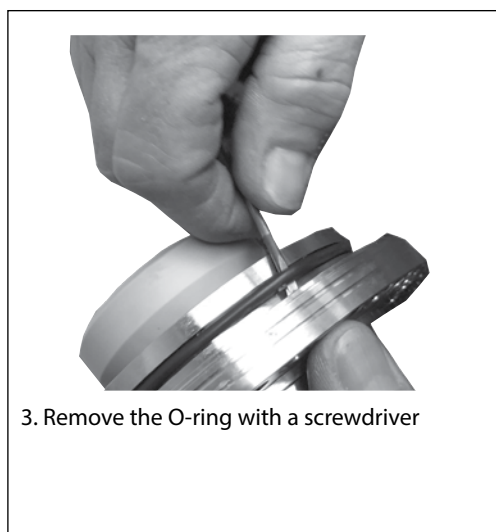
Disassembling



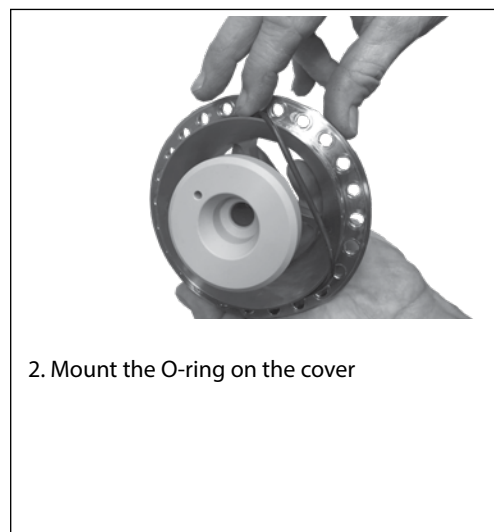
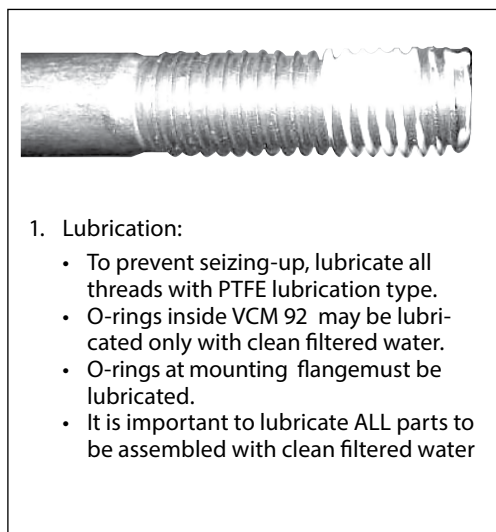
1. Remove the 24 pcs. M6 screws with a 5 mm Allan key

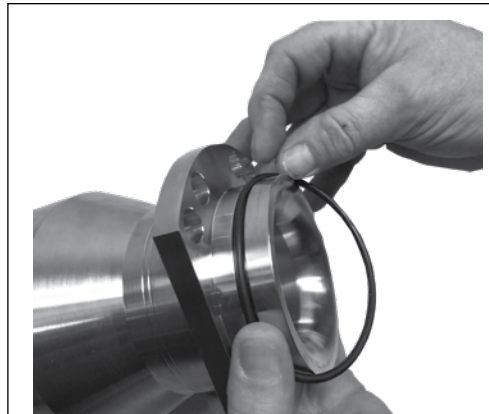


2. Remove the cover



Assembling





3. Mount O-ring on port flange and lubricate



4. Mount the O-ring on the cone



5. Mount the cone



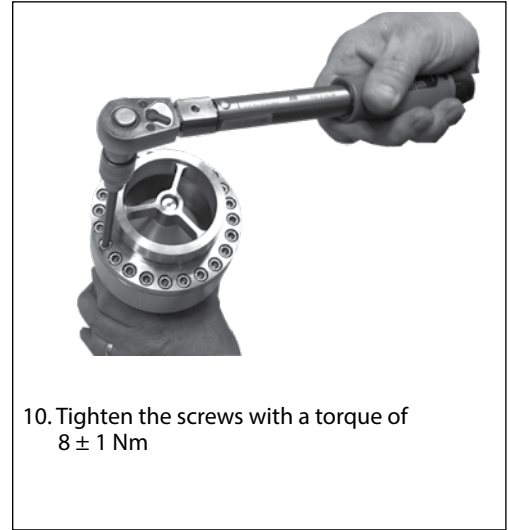
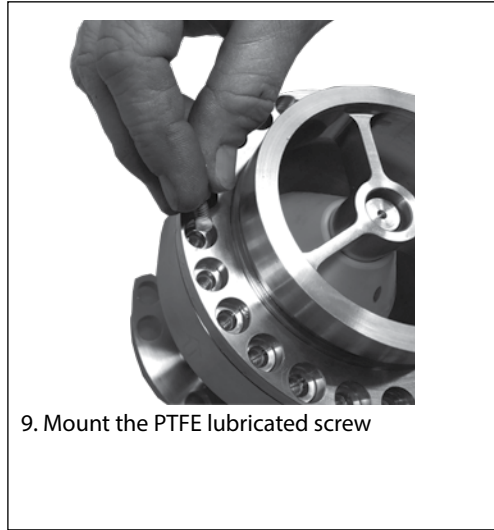
6. Mount the spring on the cone.



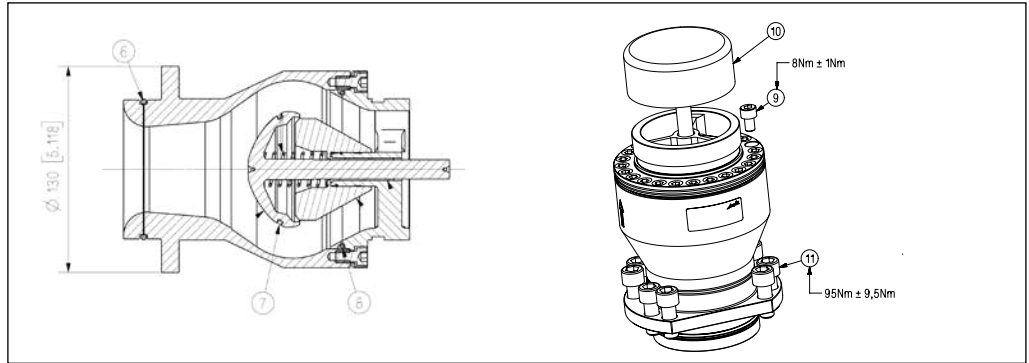
7. Lubricate the O-ring at cover with clean filtered water



8. Mount the cover



Spare part list and sectional drawing



Testing valve function:
Verify free movement of valve cone.

Spare part list

Pos.	Qty.	Designation	Material	Seal set 180H4001	Screw set 180H4002
6	1	O-ring 78.97 x 3.53	NBR	x	
7	1	O-ring 64.00 x 3.00	FPM	x	
8	1	O-ring 93.00 x 3.00	NBR	x	
9	24	Screw M6 x 12	Stainless steel AISI 316		x
11	8	Screw M12 x 30	Stainless steel AISI 316		x

Service interval

4 years for inspection and exchanging O-rings as needed.

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