



SWISS
MADE

Maintenance kit
User manual

6100-KIT-MAINT

Electronically controlled motor, constant torque with intermediate reverse



BERGEON

SWISS MADE SINCE 1791

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1 GENERALITY

This user manual is part of the supplies and must always be at the disposal of the operators. It is to be kept carefully and in case of resale to be given to the future owner of the device.

2 RECOMMENDATIONS AND PRECAUTIONS BEFORE USE



Use all documentation provided by the manufacturer (operating manuals, wiring diagrams, etc.).



All maintenance operations must be performed when the compressor is disconnected from energy sources. Do not operate until it has reached a safe temperature for the operator.



**Pay particular attention to safety measures.
Wear appropriate protection before working on the device.**

Do not carry out any type of service, modification and/or repair of any kind whatsoever other than those indicated in this manual. Only trained or authorised technical personnel have the necessary experience to perform any type of service with the appropriate technique. If maintenance of the appliance is carried out in a manner not in accordance with the instructions and/or with non-original spare parts and/or if it is carried out in such a way as to damage the integrity of the compressor, the BERGEON SA company accepts no liability for the safety of persons and the defective operation of the device.

Before any service:



Remove the plug.



Drain the vacuum using the vacuum plug, by connecting the male connector without the hose.

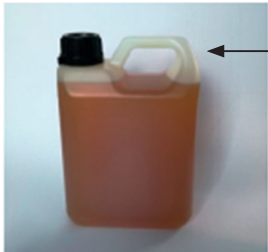


Drain the compressed air using the tap underneath the unit.

3 OIL DRAINAGE

VAC-T6100 drainage kit

Drainage Kit	Oil Can (1L)	VAC-D68	1 x / year	A
	Vacuum Breaker	TA-FL-014		B
	Oil indicator and copper washer CU-1/2"	RA-SP-002		C
	O-Ring head	OR 548x3.57		D
	tool kit	VAC-AL68KO		E



A
B
D



C
E



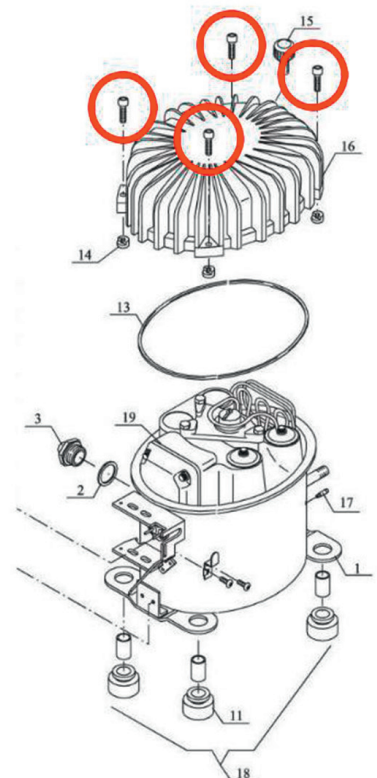
Open the access panel using the supplied key.



Unscrew the 4 screws (**14**)
securing the cylinder head (**16**)
of the compressor block.

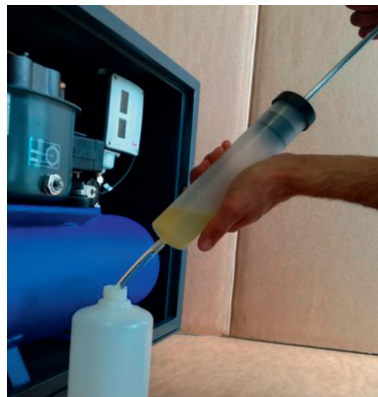


Carefully slide the cylinder head
outwards.





Insert one end of the pipe into the syringe cap **(E)**.
Then, thread the other end to the bottom of the compressor block.
Suck up the oil using the syringe



In removing the hose, dry the end with a rag.
Empty the liquid into the empty bottle provided for this purpose **(E)**.
Repeat until all the oil has been removed



Once the compressor is empty, unscrew the oil indicator with a 27 mm socket wrench **(3)**.
After having removed the old oil indicator, make sure that the copper gasket is not stuck on the compressor. Wipe surfaces clean with a damp cloth if necessary.



Place the copper washer **(C)** on the oil indicator **(C)** and screw it back on with the 27 mm socket wrench.



Refill the oil **(A)** using the funnel supplied in the tool kit **(E)**.

The oil level must be in the middle of the indicator.

If the level is too low, the machine can be seriously damaged.

If the level is too high, the compressor could push some of the oil into the compressed air and thus pollute the tank and filters.



Unscrew the vacuum breaker **(B)** / **(2)** and replace it.



Remove the O-ring joint **(D)** which enables the sealing of the cylinder head.



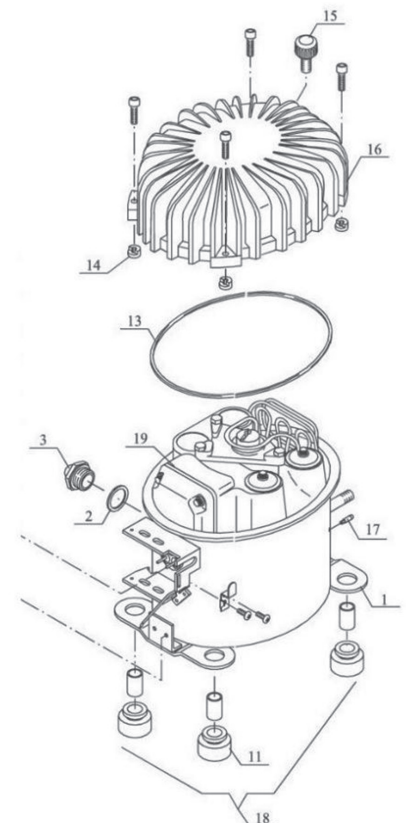
Replace the O-ring joint **(4)**.



Make sure that no parts are left in the compressor block and that all surfaces are clean. Reassemble the cylinder head **(16)** and tighten the 4 screws.



The four screws must be tightened diagonally and progressively.



4 FILTER ELEMENTS EXCHANGE

4.1 Vacuum filter

Filter	Vacuum filter cartridge	VAC-19027SA	1 x/year	F
Filter	Sub-microfilter cartridge	VAC-KF9023	2x/year	G
Filter	Discharge silencer	VAC-A243/4	1 x/year	H



Open the access panel using the supplied key. pull up the two black tabs that secure the vacuum filter cover (**F**)



Remove the cover black and take out the filter cartridge.
 Replace the filter element with the new cartridge received in the kit (**G**)
 Replace the cover and lock it by pushing down on the two black clips.

4.2 Sub-microfilter



Unscrew the lower part of the filter body (red).
 Remove the filter cartridge by pulling down with a slight rotary motion.



Replace the filter element with the new cartridge received in the kit **(G)**. Peel off the «Service Rule» label on the bottom of the filter.

Replace with the new label supplied with the filter.

In the «Date of replacement» box, enter the current date.

In the «Next replacement» box, enter the date of the next replacement in 6 months time.

Fit the new filter cartridge by pressing upwards with a slight twisting motion.

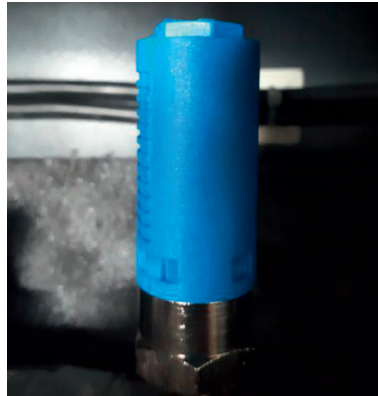
Reassemble the lower part of the filter body.

The clamping of the filter body happens «on contact» without force and without tools.


! **reminder:** the lower part of the filter body is designed to contain filtered residue.
 Filter containment is limited.
 Therefore, it is important to empty this before each use.

The purge tap located under the filter allows these residues to be emptied.

4.3 Discharge silencer



Unscrew the discharge silencer **(H)**.
Only the blue plastic body must be unscrewed.
Insert the new discharge silencer
from the annual maintenance kit **(H)**.

 **All maintenance operations must be recorded in the document on page 8:
« maintenance monitoring ».**
This document must be stored in the plastic pouch inside the device access panel.



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