



AIRMIX® PUMPS

08-120 / 08-120 T
16-120 / 16-120 T

Disassembly / Reassembly

TRANSLATION FROM THE ORIGINAL MANUAL

IMPORTANT : Before assembly and start-up, please read and clearly understand all the documents relating to this equipment (professional use only).

THE PICTURES AND DRAWINGS ARE NON CONTRACTUAL. WE RESERVE THE RIGHT TO MAKE CHANGES WITHOUT PRIOR NOTICE.

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CAUTION :

Before any action on the pump, shut off the compressed air supply and depressurize the system.

**The pump is manufactured under the ATEX agreement and can not be modified.
KREMLIN REXSON will not be held responsible for any failure to comply with that instruction.**

**Guards (air motor cover, coupling shields, housings ...) have been designed for
safe use of the equipment.**

**The manufacturer will not be held responsible for bodily injury or failure and / or
damage to property due to removal or partial removal of the guards**

■ **SUCTION VALVE (REFER TO DOC. 573.049.050)**

Unscrew suction valve (16) - (If cylinder (2) remains attached to the suction valve, unscrew the whole. Then, hold cylinder (2) by inserting a rod into the cylinder holes designed for this purpose).

The ball (17) is secured on the valve (16) by means of a circlips (18).

Clean the parts.

Reinstall suction valve (16) and seal (19). Replace them if necessary.

■ **CYLINDER**

In order to make easier the disassembly, a hole is drilled in the cylinder (2) at each end.

In relation to the part which is unscrewed first, insert a rod into one of these holes to unscrew the other part.

When reassembling be certain the two seals (19) are installed.

■ **EXHAUST VALVE AND MOBILE PACKING**

Unscrew cylinder (2) and pull it downwards.

Unscrew exhaust valve (6) by holding piston (3).

Remove ball (8) and mobile packing (cup seal ind. 7).

Clean the parts and reinstall them. Replace seals if necessary.

■ UPPER PACKING

Separate motor piston rod from hydraulic piston (3).
Unscrew wetting-cup (4) by means of the wrench supplied with the pump.

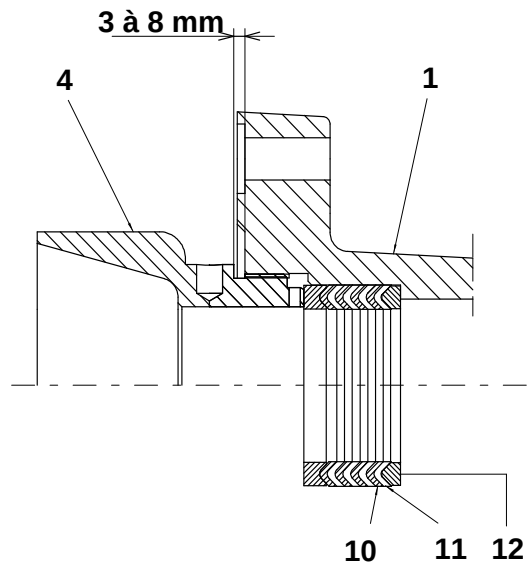
Remove cylinder (2) and pull piston (3) downwards to remove upper packing seals (10 and 11).

Reinstall parts in reverse order. **Be certain seals (10 and 11) are installed properly (direction, order and assembly dimension).** On the support washer (12), it is compulsory to install seal (11) and then seal (12) according to the opposite scheme.

Tighten wetting-cup (4) on upper flange (1).

After reassembly, fill up the pump with solvent and increase pressure to maximum in the fluid section. Then stop the pump and open exhaust valve to depressurize.

Retighten wetting-cup (4) by means of the wrench, in order to be in accordance with the opposite drawing.



■ REVERSING BLOCK (REFER TO DOC. 573.045.050 OR DOC. 573.046.050)

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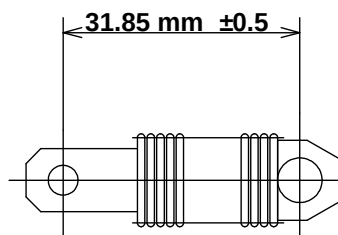
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Disassemble cover (32) by removing screws CHc (33).

Dissociate female yoke (12) from reversing block lever (9).

Dismount reversing block by removing screws (10 and 8).

Reinstall the new reversing block in the reverse order of the disassembly sequence.

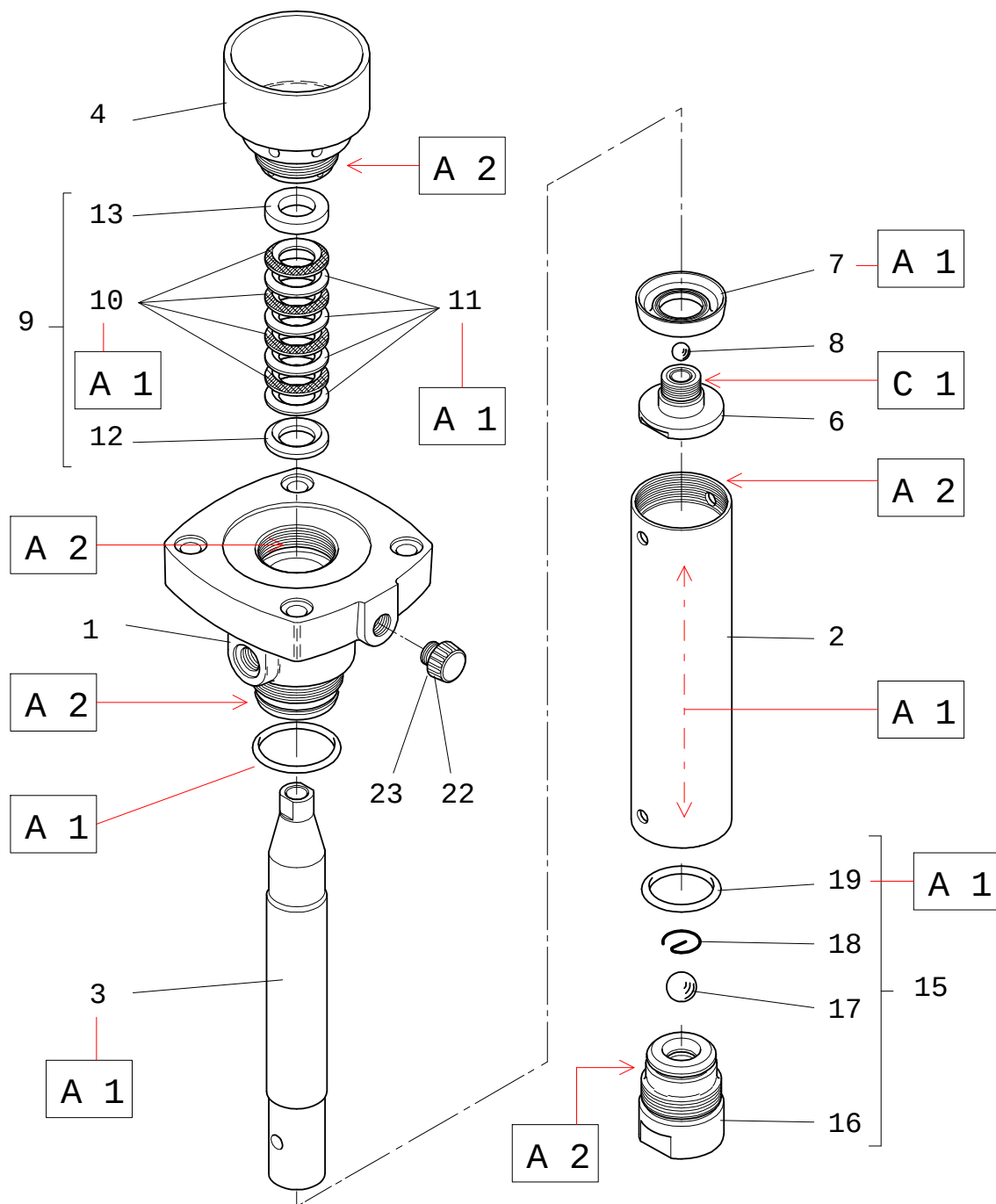


CAUTION : The number of spirals must equally be distributed on each fastening parts in order to get the above dimension.

Before reassembling the different components :

- Clean the parts with the appropriate cleaning solvent,
- Install new seals if it is necessary, after having lubricated them with PTFE grease,
- Lubricate the piston and the inside of the cylinder to prevent from damaging the seals,
- Install new parts if it is necessary.

■ ASSEMBLY INSTRUCTIONS



Index	Instruction	Description	Part number
A 1	PTFE grease	'TECHNILUB' grease (10 ml)	560.440.101
A 2	Anti-seize grease	Grease box (450 g / 0.99 lb)	560.420.005
C 1	Medium strength Aneorobic Pipe sealant	Loctite 577	554.180.015