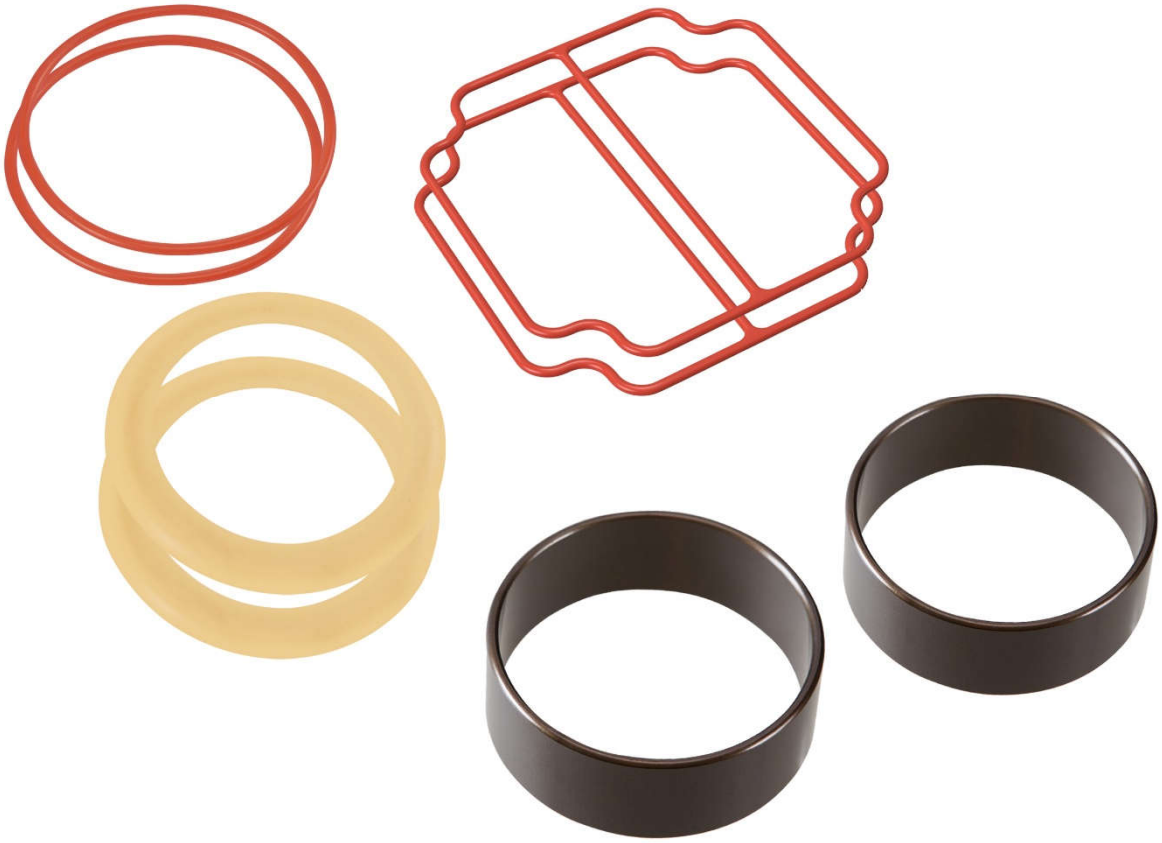
Instruction Manual

HQUA-PAS20RB Rebuild Kit

For HQUA-PAS20RPC Rocking Piston Pump in PAS10 and PAS20 System

PAS10, PAS20 Version: Manufactured from 2023 to 2024. Sold from March, 2023.



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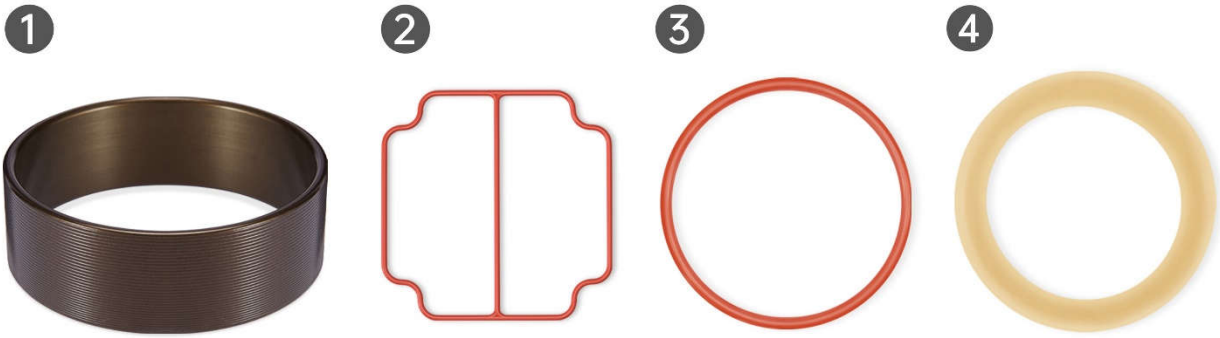


PAS20RB is a rebuild kit for the pump PAS20RPC. It is used to replace worn parts and rebuild air tightness of the pump. There are four parts in the kit:

1) Piston/Cylinder.
2) Head Gasket.
3) Piston Gasket.
4) Piston Cup.

https://youtu.be/ZF2Nw_mDvII

Please refer to this link to watch the instructional video of how to rebuild your air compressor. Alternatively, you can scan the QR code to access the video.

1. Power off the unit. Disconnect the air filter, and the air line from the compressor. Unscrew the head cover of the compressor with a 5/32" Allen wrench. Removing the bolts may require significant force, so please proceed with caution and patience. If additional strength is needed, consider seeking assistance from someone capable of handling heavy-duty tasks.
   In this process, you would find the exist head gaskets behind the head cover. They are stuck inside the head cover. Take out and replace with new gaskets. Item No.2.

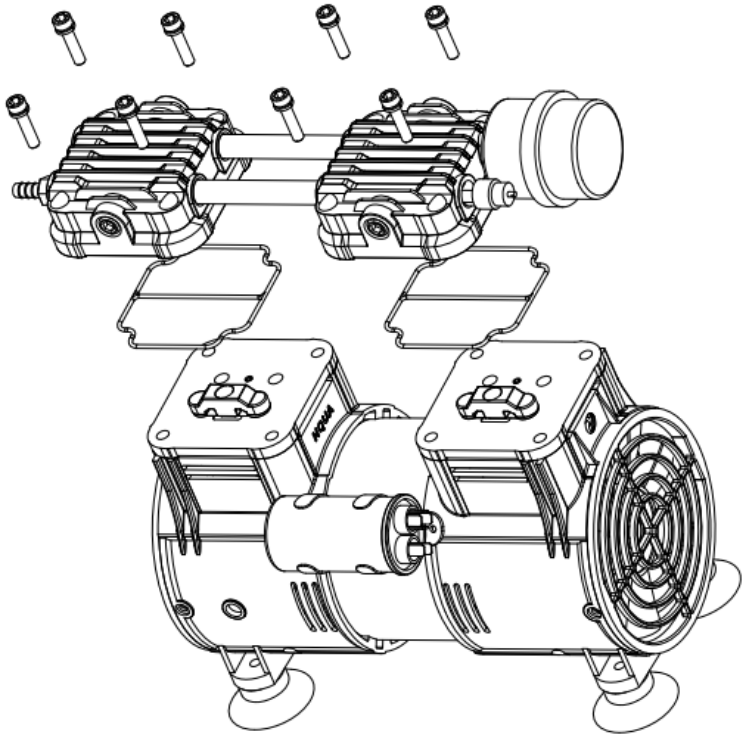


Figure 1

2. Unscrew the valve plate. In this process, you would find the Piston gaskets behind the valve plate, they are stuck inside the valve plate. Take out and replace with the new gaskets. Item No.3.

The valve plates and piston cover have an orientation when they are assembled with the compressor body. The raised part/valve of the valve plates should towards to the capacitor side. The depressed section of the piston cover should face away from the capacitor. This is very important for Re-assembly.

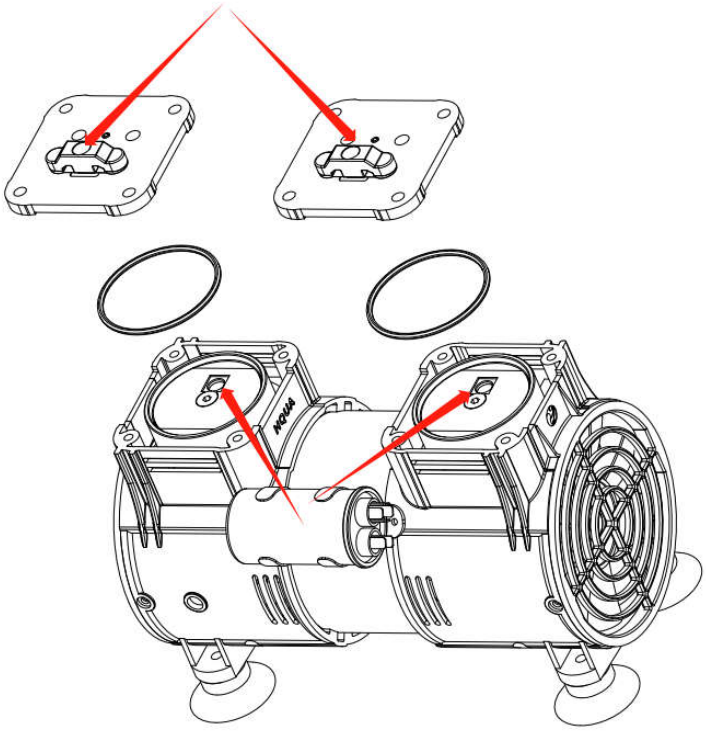
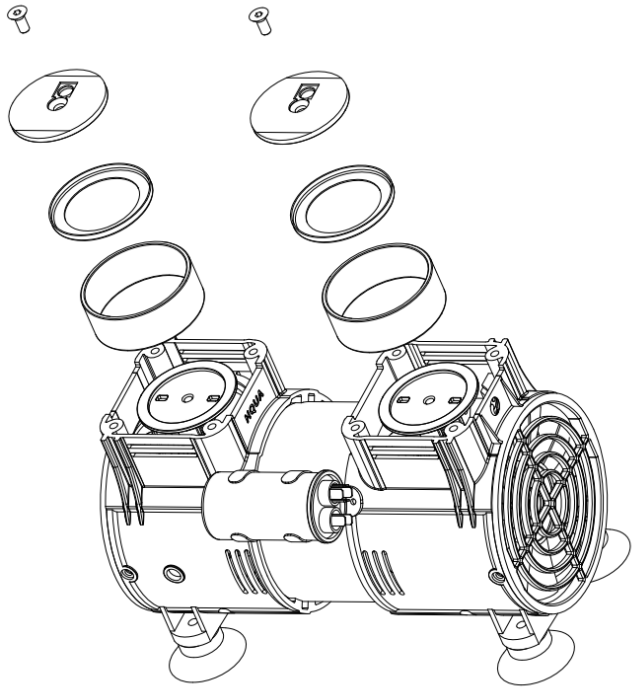


Figure 2

3. Remove the piston bolts. Replace the piston ring and piston cup. Item No.1 and No.4.



After all the replacing steps are done. Please reverse the process to assemble the pump.

Please feel free to contact us with **hqua.tech@gmail.com** if you have any questions with the installation, operation, and maintenance.

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