



Service guide

APP pumps APP 1.5 - 3.5 Disassembling and assembling





Service guide | Disassembling and Assembling, APP 1.5-3.5

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Introduction

NOTE: If the pump is disassembled within the warranty period, the pump is no longer covered by the warranty.

This document covers the instructions for disassembling and assembling the axial piston pump APP 1.5-3.5

Tools needed:

Shaft seal tool (code no. 180B4148)

- Press bush
- Allen key 5mm
- 2 Screwdrivers

Important: It is essential that the pump is serviced in conditions of absolute cleanliness.

To understand the pump design better, please see exploded view on last page.

WARNING: Do not reuse disassembled O-ring or shaft seal as they might be damaged.





1. Disassembling and assembling the pump



 Unscrew the 4 mounting screws and remove seal SAE flange.
Do not yet unscrew the 2 lower screws.



2. Wet the shaft and shaft seal with clean (filtered) soap water. Gently lever the shaft seal assembly free using 2 screwdrivers.



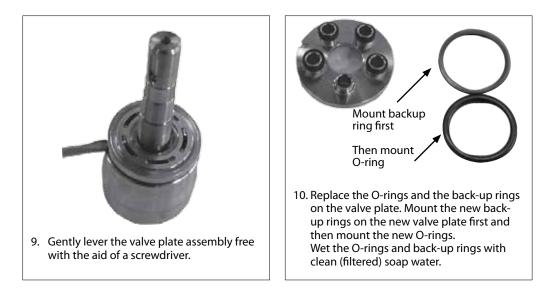


4. Carefully turn the whole pump over so that the shaft is facing down. Support the pump in a suitable hollow base so that the pump is not supported by the shaft.



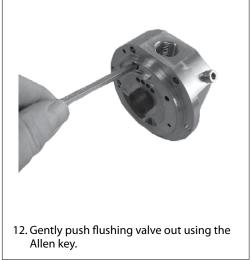




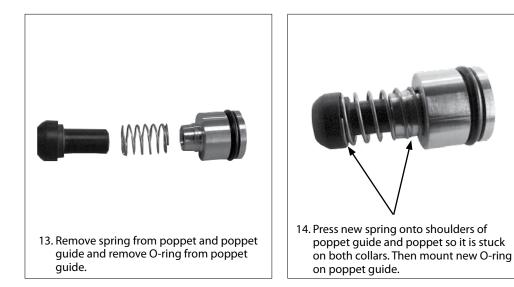




cylinder barrel.









15. Turn flushing valve upside down. If not properly assembled, spring will fall out.



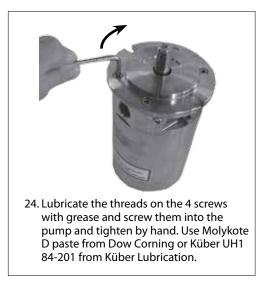




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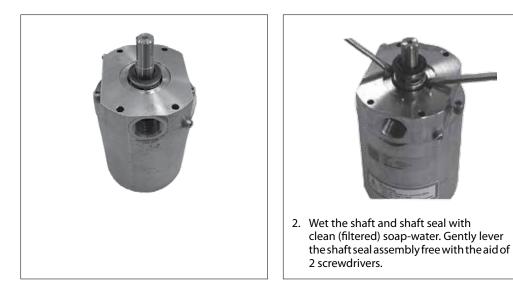




2. Change of shaft seal









Wet the torpedo and replacement shaft seal with soap. Do not use silicone grease.



the carbon seal face pointing upwards. Be careful not to damage the carbon seal face on the shaft seal.

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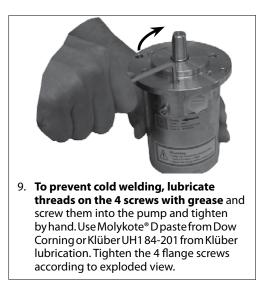




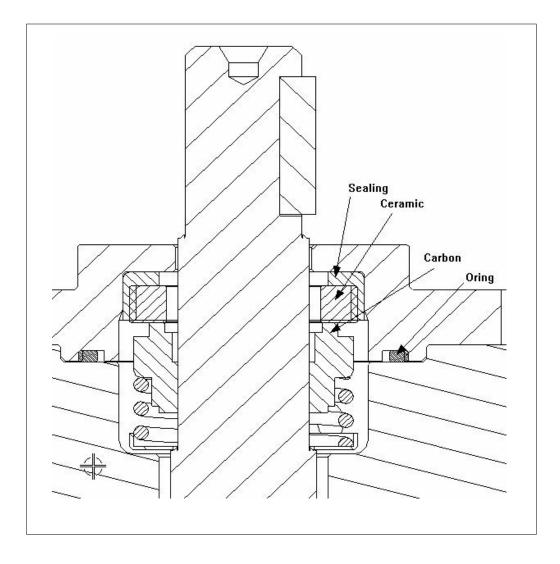
Wet the parts with clean (filtered) soap-

water before assembly.

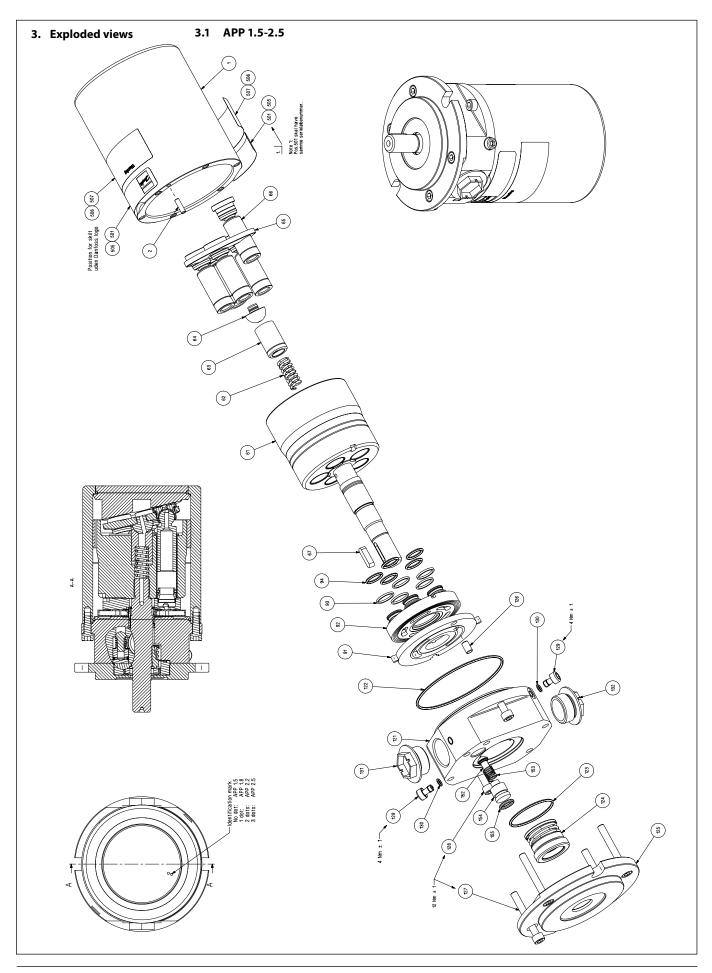




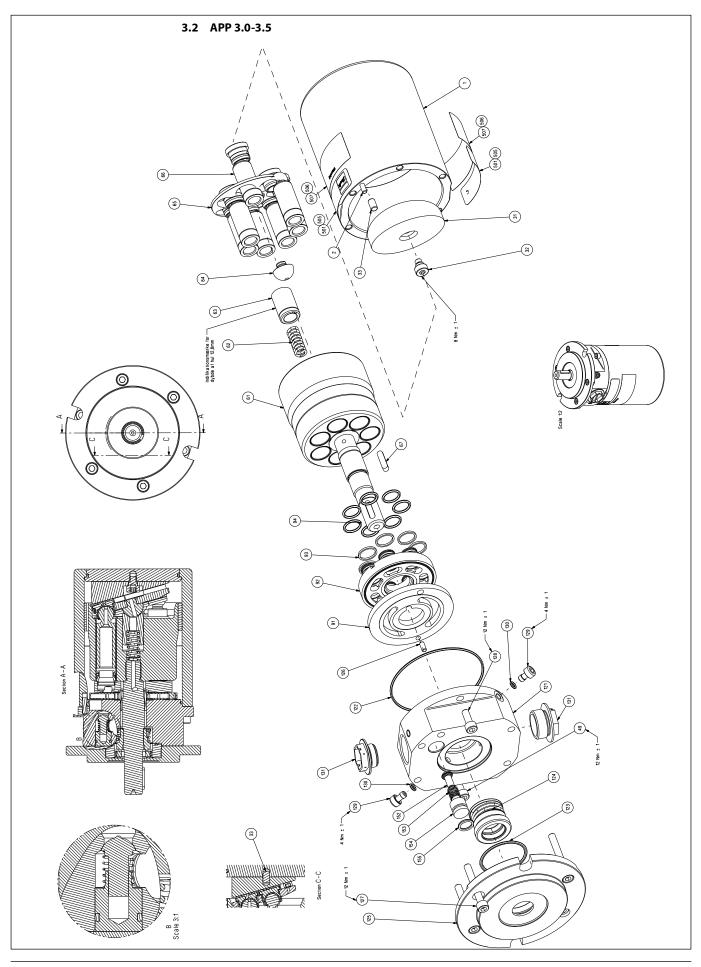












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