

# Repair instructions SIATA V360



**ATTENTION!** The valve must be depressurised during the entire repair process!

Instructions for repairing the SIATA valve V360



Fig.1 SIATA valve V360

At best, the valve should be repaired when removed. If the repair is to be carried out with the valve installed, it must be ensured that there is no pressure load on the valve.

## Recommended tools:

circclip pliers  
e.g. Würth 07140204

Rubber mallet

Slotted screwdriver

Plastic drift punch



More information at:  
<https://www.hercowater.com/en/service.html>

# Repair instructions SIATA V360

## Recommended spare parts stock:

The piston service kit consists of 2 pistons complete with attachments.



Fig.2 Piston service kit



Fig. 3 Piston cover with O-ring, Segor ring and clamp

Fig. 2 left: Piston service kit HERCO part no.: 00365639 for standard valve\*

Fig. 2 right: Piston service kit HERCO part no.: 00366328 for filter valve\*

Fig. 3: 2 x piston cover HERCO art. no.: 00365576 (suitable for standard and filter valve)\*

\*We only supply original Pentair spare parts

### Manufacturer's information Pentair:

*Maintenance work on the valve may only be carried out using original Pentair spare parts, otherwise the declaration of conformity will become void. All maintenance and/or installation work on the valve may only be carried out without hydraulic pressure, otherwise there is a risk of serious injury. Therefore, please disconnect the water supply to the valve before carrying out repairs. Only lubricate the O-rings used with silicone grease (PN 8500). Do not use electrical/pneumatic tools for maintenance work. Only use a hook tool with rounded edges to remove seals and spacers. We recommend replacing the complete piston service kit if more than one O-ring is defective.*



More information at:  
<https://www.hercowater.com/en/service.html>

## Repair instructions SIATA V360

The repair can be carried out by one employee. The time required for the repair can be estimated at 45 - 60 minutes for the complete valve (both pistons), depending on the age.

The valve should be cleaned before opening so that no dirt can enter the valve cylinder during the repair. Also ensure a clean working environment.

### Repair of the SIATA V360

- 1) For repairs, the pistons should be in the brine withdrawal position. You can achieve this piston position by briefly pressurising lines 2 and 4 on the pilot distributor or directly on the valve (2 and 4) with compressed air before disassembly (Fig. 4).

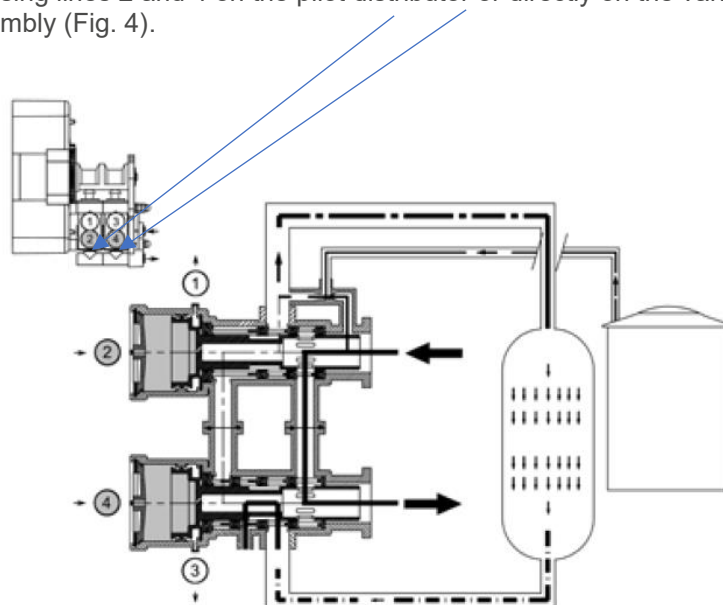


Fig. 4



More information at:  
<https://www.hercowater.com/en/service.html>

# Repair instructions SIATA V360

- 2) Place the valve on a firm surface with the piston caps facing upwards (Fig. 5) and remove the safety clip (Fig. 6).



Fig. 5



Fig. 6

- 3) Next, remove the Seger ring (Fig. 7) and remove the piston cover with O-ring (Fig. 8).



Fig. 7

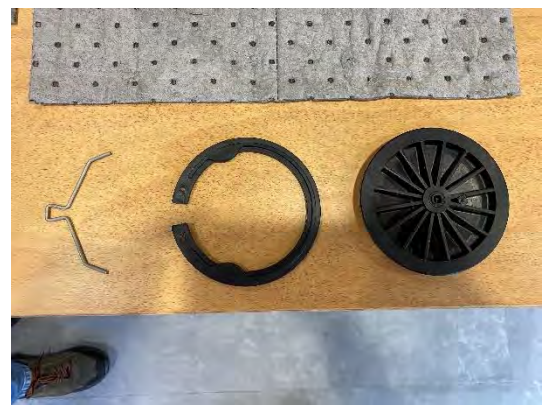


Fig. 8



## Repair instructions SIATA V360

- 4) Now remove the piston (Fig. 9). With older valves, the piston may be difficult to move. In this case, lay the valve on its side. Use a plastic or wooden ejector in conjunction with a rubber mallet and apply light, circular blows to the piston shaft (Fig. 10 + 11) until you can remove the piston (Fig. 12).



Fig. 9 oblen top view



Fig. 10 Ejector on back of piston



Fig. 11 Expelling the piston



Fig. 12 Piston with O-ring

- 5) Next, remove the inner circlip (Fig. 13 and 14).



More information at:  
<https://www.hercowater.com/en/service.html>

# Repair instructions SIATA V360



Fig. 13 circlip inside



Fig. 14 circlip pliers for removal

- 6) You can now remove the sealing discs with O-rings and spacers. Place them on your work surface, rotated by 180° (Fig. 15 - 18), in the **exact** order in which you removed them.



Fig. 15



Fig. 16



Fig. 17



Fig. 18

- 7) Now remove the matching piston with sealing discs, O-rings and spacers (Fig. 19) from the piston service kit and reassemble the SIATA V360 in reverse order. Ensure that the sealing discs and O-rings are seated correctly (Fig. 20).



More information at:  
<https://www.hercowater.com/en/service.html>



# Repair instructions SIATA V360



Fig. 19



Fig. 20

- 8) You can tell whether all the O-rings are in the correct position after assembly by the fact that the inner Seger ring can be fitted in its intended position (Fig. 21) with little effort.



Fig. 21



More information at:  
<https://www.hercowater.com/en/service.html>

## Repair instructions SIATA V360

9) To replace the second piston, start again at 1).

After the repair

Reinstall the valve and ensure that the flow direction is correct and that the valve is seated correctly. Only start the system once you have checked that all connections are tight. Check the tightness of the valve during system operation. Do not leave the system unattended until you are sure that the valve has been repaired successfully and the valve has been tested for leaks.



These repair instructions have been prepared jointly with Pentair. Nevertheless, errors in the preparation cannot be completely ruled out. If you notice an error, please report it to [Service@hercowater.com](mailto:Service@hercowater.com)

HERCO Wassertechnik GmbH accepts no liability for the use of these instructions.



More information at:  
<https://www.hercowater.com/en/service.html>