
Ensuring safety

- Please read this documentation through carefully and familiarize yourself with the product before putting it to use. Pay particular attention to the safety instructions and warning notices in order to prevent injuries and damage to the product.
- Only perform maintenance and repair work on this instrument that is described in the documentation. Follow the prescribed steps exactly and only use the tool recommended. Use only original spare parts from Testo.
- The Valve Replacement Kit is compatible with the models **testo 549, 550, 557** and **570**.
- The Valve Replacement Kit may only be replaced by qualified personnel.
- Wear protective goggles and safety gloves when replacing the valve spare parts.

Use

Preparation

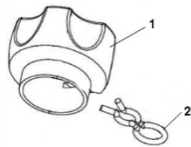
The Valve Replacement Kit comprise all the necessary spare parts for replacing the valve positioner of a 2-way manifold (e.g: testo 550). Use two Valve Replacement Kits to completely replace a 4- way manifold (e.g.: testo 557).

For the replacement you will also need:

- a torque wrench (8 Nm) with a socket wrench size 14
- a damp cloth for cleaning

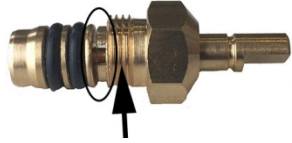
Replacing the valve positioner

Remove valve positioner

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- 1 - Place the instrument on a non-slip base.
 - 2 - Remove the locking split pin on the plastic handle using a suitable tool. Then remove the plastic handle on the valve positioner by simply pulling.
 - 3 - Remove the valve positioner from the valve block by turning the valve positioner anti-clockwise using the torque wrench.
- A technical line drawing of a valve positioner handle assembly. Part 1 is a plastic handle with a curved shape and a central opening. Part 2 is a locking split pin, which is a small metal pin with a split end, inserted through the handle. The drawing shows the handle and pin from a perspective view.
- 1 Plastic handle
2 Locking split pin
- 4 - When removing, make sure that the valve block does not get soiled in any way.
 - 5 Check that there is no dirt on the valve block or thread. If necessary, clean the valve block and thread using a damp cloth.

Install new valve positioner

- 1 - Make sure that the piston on the valve positioner is fully in the "open" position.



- 2 - Apply 2 drops of the enclosed adhesive to the thread (see arrow).
- 3 - Screw the valve positioner into the valve block. Use the torque wrench for this, do not use any automatic screwing devices. Secure the valve positioner to 8 Nm.

WARNING

Tightening torque too high.

- Damage to the PTFE seal.
- Mechanical deformation of the valve piston leading to the PTFE seal falling out.
- Damage to the thread of the threaded spindle and the valve screw.
- Broken valve knob


WARNING

Tightening torque too low.

- The valve positioner drops out as soon as there is a build-up of pressure.

Wear protective goggles and safety gloves.

- 4 - Check that the valve positioner is completely screwed in, i.e. resting against the block.
- 5 - Push the plastic handle back onto the valve positioner.

 Make sure that the plastic handle is positioned correctly (blue -> left, red -> right)

- 6 - Reinsert the locking split pin into the plastic handle.

If you have any questions please contact your local dealer or the Testo Customer Service. Contact details can be found on the internet at www.testo.com/service-contact.