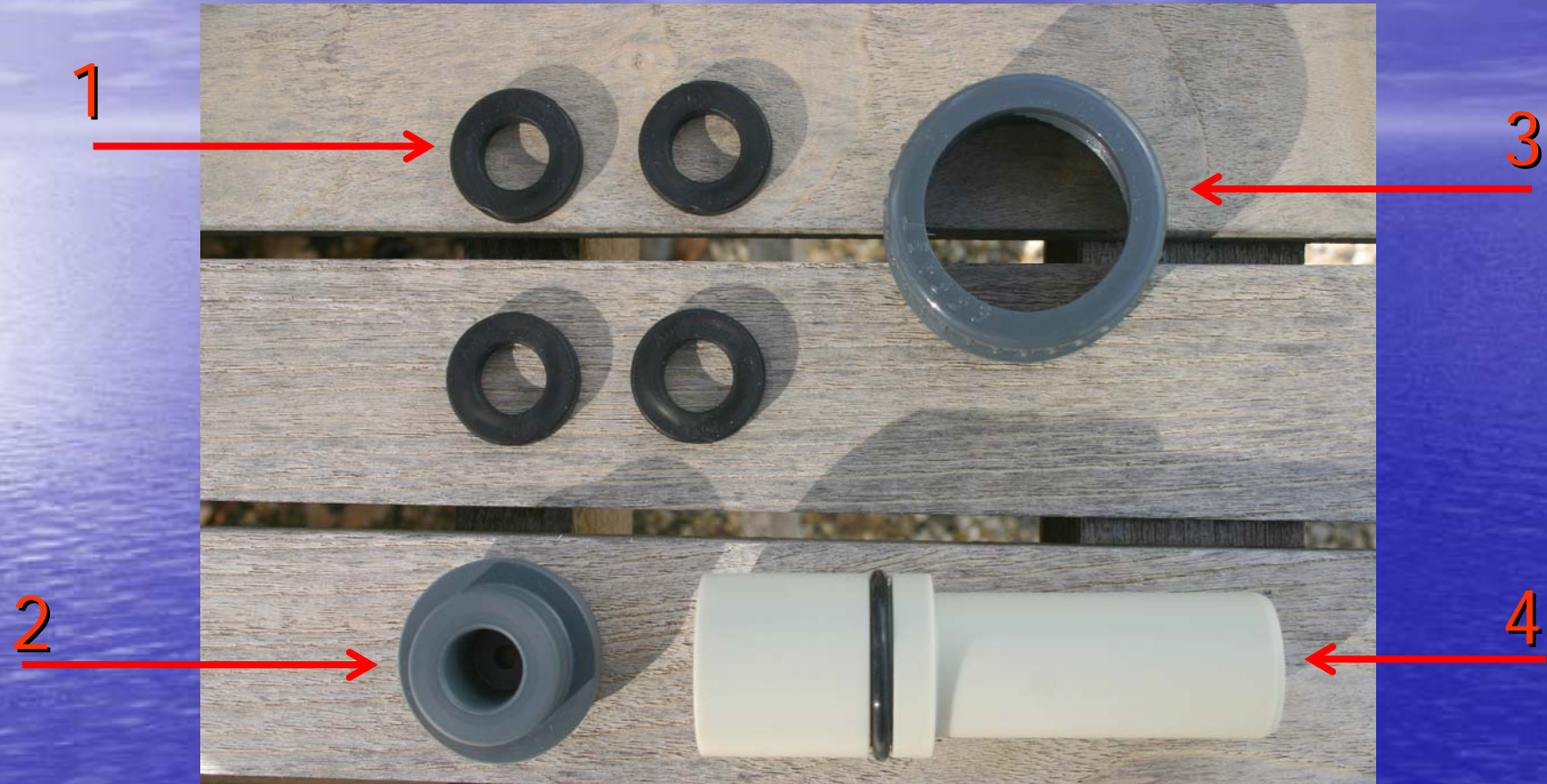


Patent pending

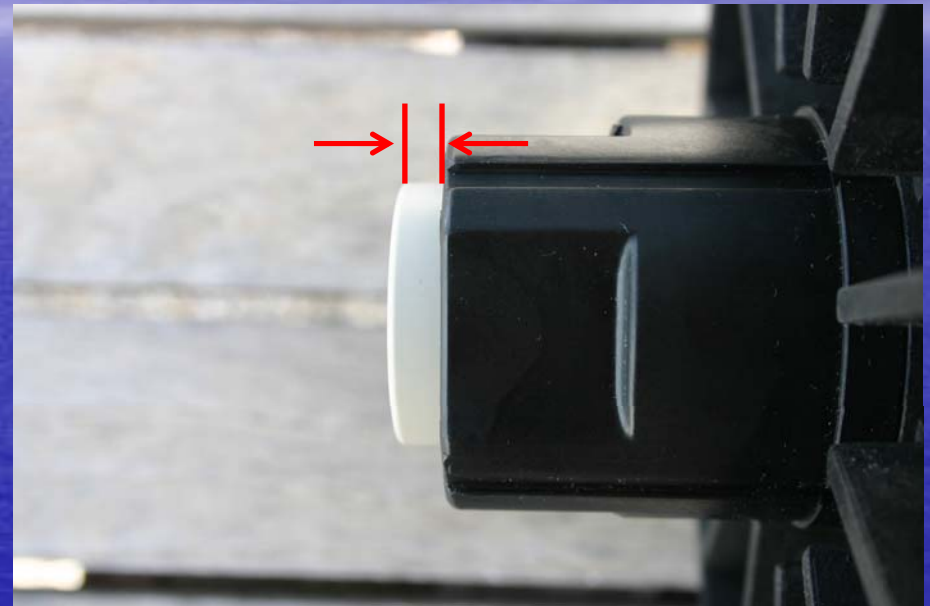
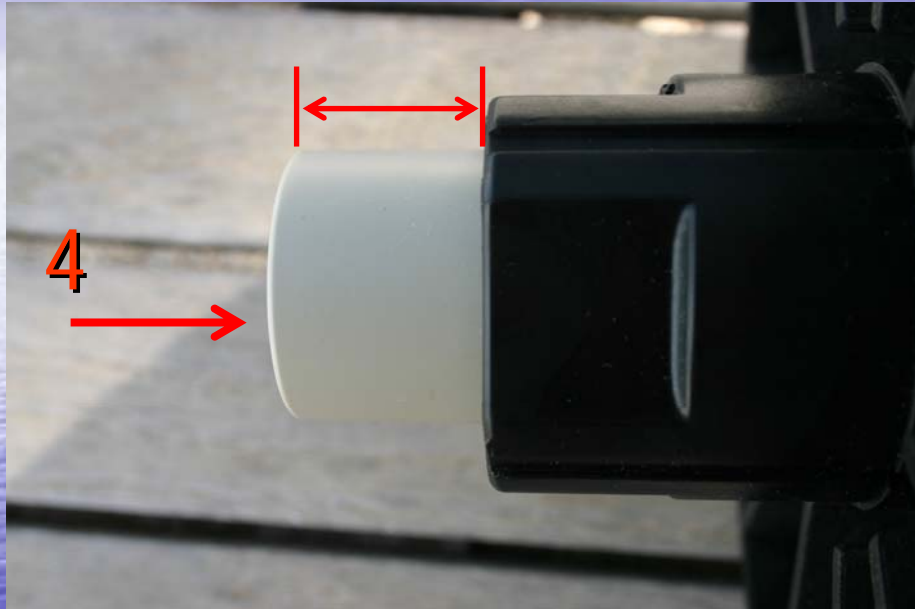
AnyDistance Facilitate your works



- 1, Shimming Rings
- 2, Shimming Cover
- 3, Union Nut
- 4, Shimming Piston

Patent pending

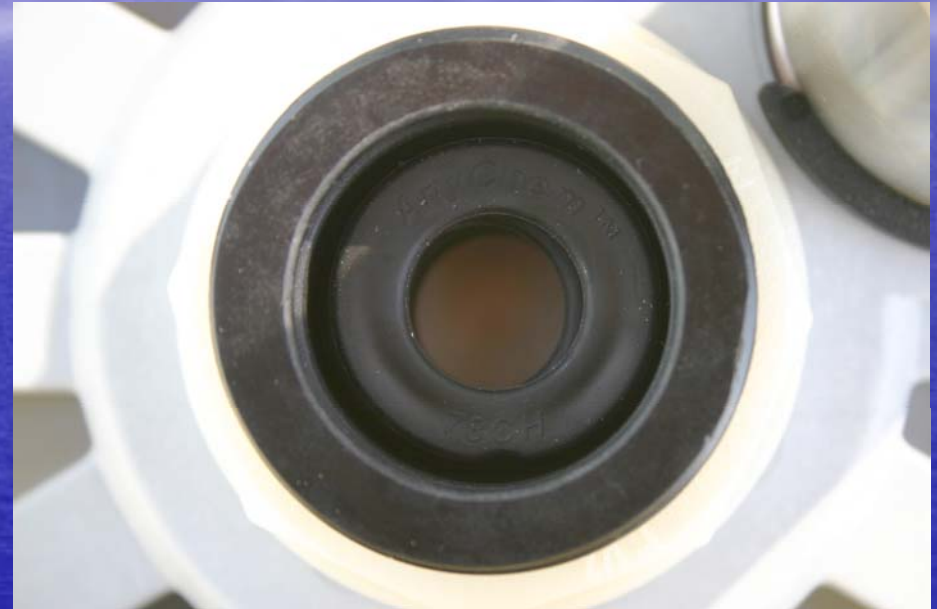
AnyDistance Facilitate your works



- Without taking out the whole Endplate, you can easily change the Shimming Piston's(4) distance against membrane inside the pressure vessel.
- Just follow the next step.

Patent pending

AnyDistance Facilitate your works



- Put as many Shimming Rings as needed into the Permeate Port Body to fill the gap between the Shimming Piston and the Shimming Cover.

Patent pending

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- Install the Shimming Cover(2) and tighten the Union Nut(3).

Patent pending

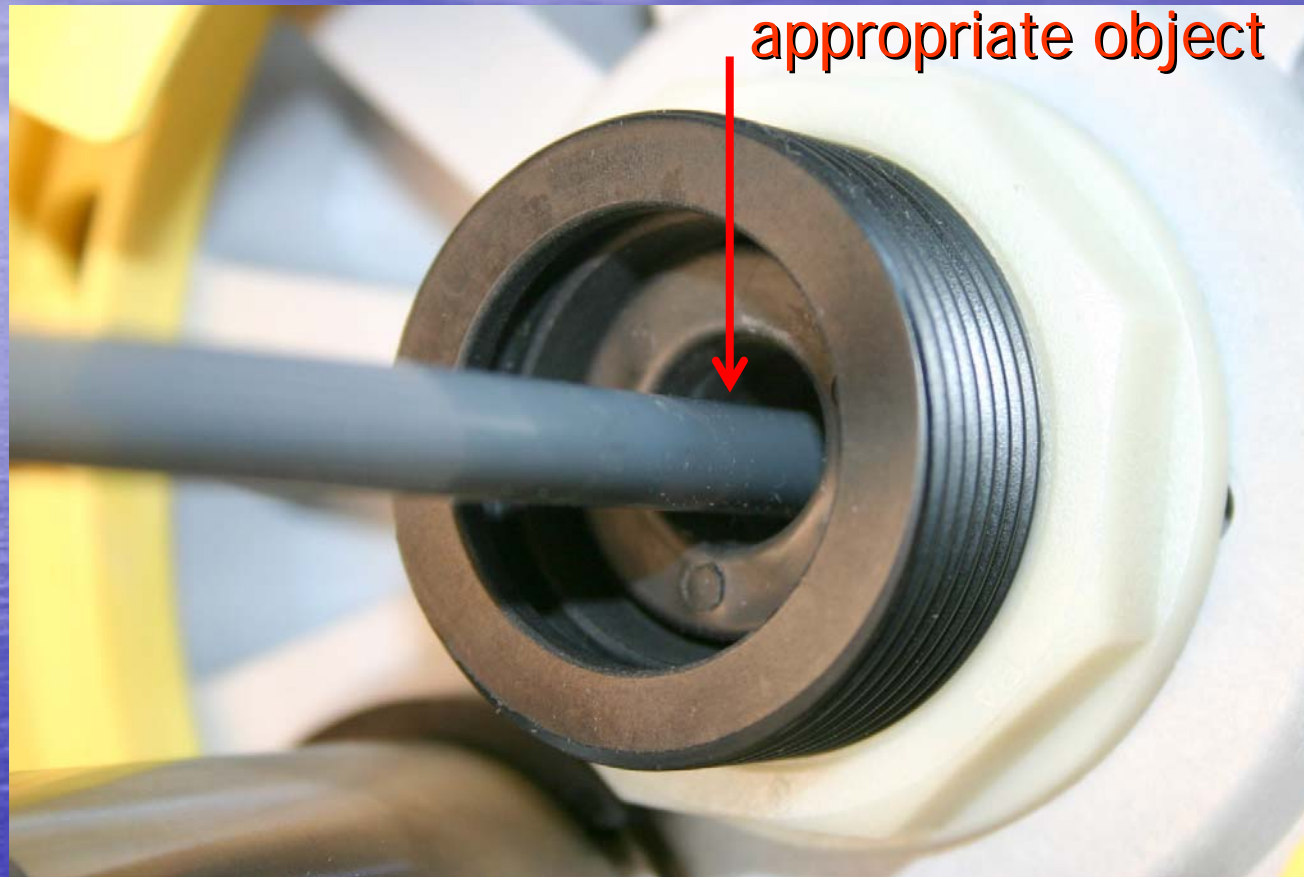
AnyDistance

Facilitate your works

- After pressurization, the membrane(s) will be compressed and the gap between the Shimming Piston and the first element will increase.
- Stop pressurization
- Remove the Union Nut
- Remove the Shimming cover
- **CAUTION: DO NEVER LOOSEN OR REMOVE THE UNION NUT IF THE MEMBRANE HOUSING IS UNDER PRESSURE**

Patent pending

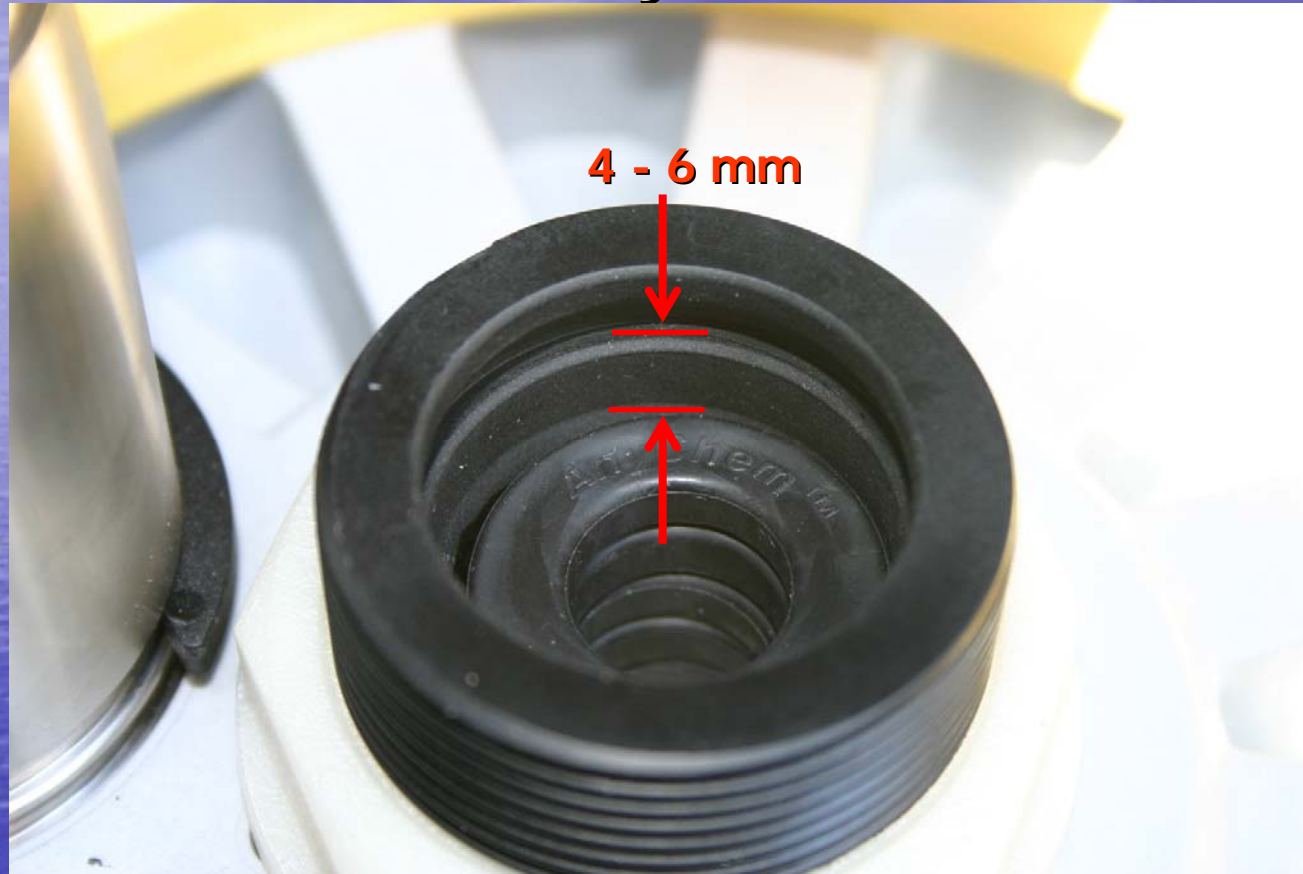
AnyDistance Facilitate your works



- Push the Shimming Piston against the membrane with an appropriate object.

Patent pending

AnyDistance Facilitate your works



- Add as many Shimming Rings as needed into the Permeate Port Body in order to adjust to the desired distance. You should keep space between the lower edge of the groove and the top of the last Shimming Ring*

Patent pending

AnyDistance

Facilitate your works

- * We recommend to keep a distance of 4 – 6 mm between the lower edge of the groove and the top of the last Shimming Ring.
- We recommend this because of the dilatation of the membrane(s) with temperature.
- CAUTION: Our suggestion bases on a temperature of 10 °C. Please contact your own membrane manufacturer for more information.

Patent pending

AnyDistance Facilitate your works



- Install the Shimming Cover(2) and tighten the Union Nut(3) again.