

## To upgrade to Teflon membranes on pneumatically activated W9 valves, please follow the instruction below:

**Before you do anything, disconnect air hose.**

- A. Put the actuator in open position (picture 1). Dismount the actuator by turning it anti-clockwise and pull it out. Dismount the silicon membrane and the membrane bushing holding it. Dismount Lever/Q-handle.
- B. Use a special tool in the two holes on the end cap (picture 3) and turn it anti-clockwise. Be aware of the pressure from the spring.
- C. Pull out all parts (picture 4)
- D. Install new valve stem for Teflon. Before mounting, make sure to grease the seal (picture 5) on the entire surface (only use mineral grease).
- E. While mounting the lower stem (picture 6) turn it while pushing it down to avoid damaging the seal.
- F. Remount the magnet, the magnet bushing and the spring shown on picture 7.
- G. Remount the end-cap by pushing it down turning it clockwise (picture 8). Tighten it by use of the special tool. (Picture 9).
- H. Mount the air-connection (picture 10).
- I. Mount the membrane bushing with the new Teflon membrane (picture 12) by pressing the membrane with your hand until it clicks (picture 13). Attention:
- J. Do not use a hammer or any other hard material to mount the membrane. This can damage the membrane seal.
- K. Remount the lever/Q-handle on the actuator and put it in open position. Remount the actuator on the valve body pushing while turning clockwise (picture 14). Dismount lever/Q-handle. Tighten actuator by use of the tommy-bar (picture 15).
- L. Re-connect the air hose to air fitting on actuator (picture 16).

**Disassembly / assembly of Keofitt pneumatic valve.**



Picture 1



Picture 3



Picture 4



Picture 5



Picture 6



Picture 7



Picture 8



Picture 9

**Disassembly / assembly of Keofitt pneumatic valve.**



Picture 10



Picture 12



Picture 13



Picture 14



Picture 15



Picture 16