
XO[®] 4
Annual service cleaning for
Proportional & ON-OFF, water valves.



YB-790
Version 2.10

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Needed tools.

1. Steel-wool #00
2. Calcium dissolver (Minus Calcium)
3. Torx screwdriver #12
4. Torx screwdriver #8
5. Straight screwdriver 5mm
6. 11mm wrench



WARNING:

When making changes and handling electronics in the instrument bridge – always use ESD antistatic wristband ([UC-600](#)).



Spare parts.

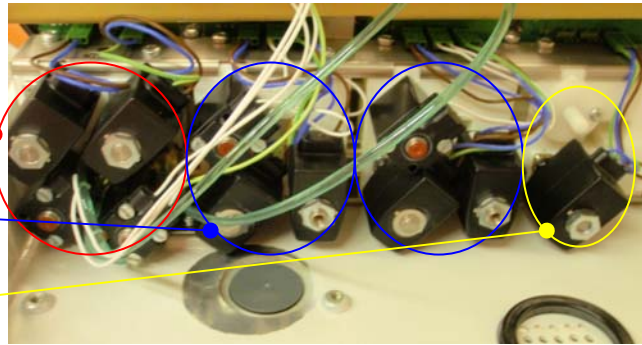
1. Gasket [MR-150](#).
(New types changed colour to white.)
2. O-ring $\varnothing 12 \times 1,5$ [SD-307](#) for [AN-398](#).
(Kit proportional-valve new.)
3. [UG-848](#) O-ring $\varnothing 13 \times 1,2$ Magnetic valves.



The start block (main block) 4 valves.

Two fully functional valve blocks.

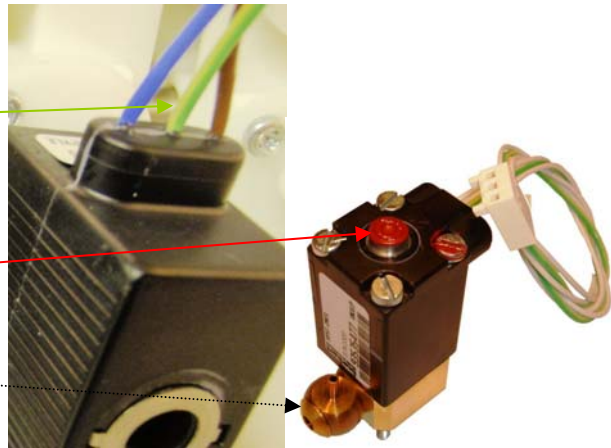
Block with only water function.



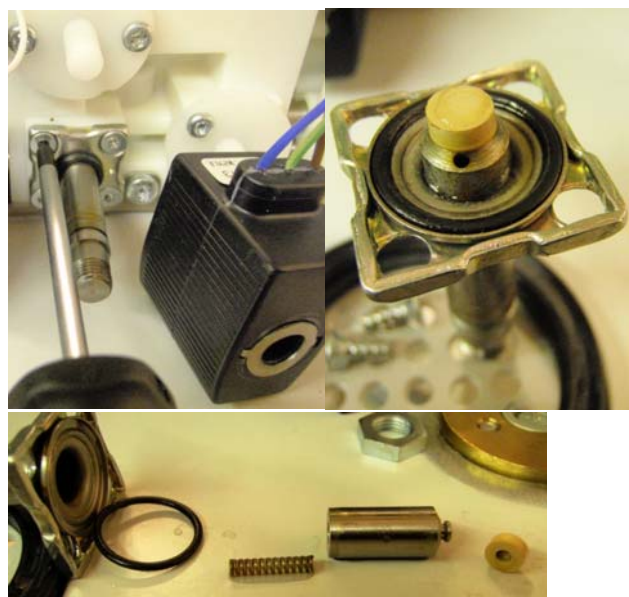
Water valves can be recognised
By the green and yellow wire.

The complete proportional valve **AN-903**.
You can always recognise proportional valve by
the reed spot at the end.

Note: The new type banjo
AN-398 Kit for proportional-valve with new banjo fittings.

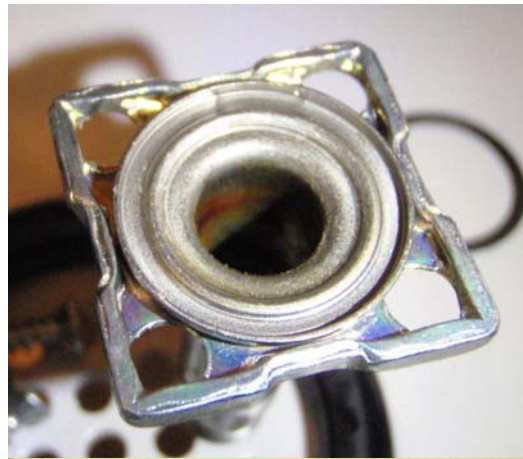


Disassemble the water-valve for service.



Clean the valve-housing, piston & spring etc.
from corrosion, calcium & grease
With use of a clean soft tissue.
Clean the housing from calcium with use of a
calcium dissolver and/or steel wool # 00.

(Do not use sharp object like screwdriver, file etc.)



Proportional plunger cylinder, with calcium
and some rust catch from municipal water (city water).



Gently remove the gliding guides (to be re-used again)
and the gasket, **MR-150**
Clean the plunger for calcium & rust.
and use a calcium dissolver or
Steel-wool # 00, and a soft tissue.

(Do not use sharp object like screwdriver, file etc.)

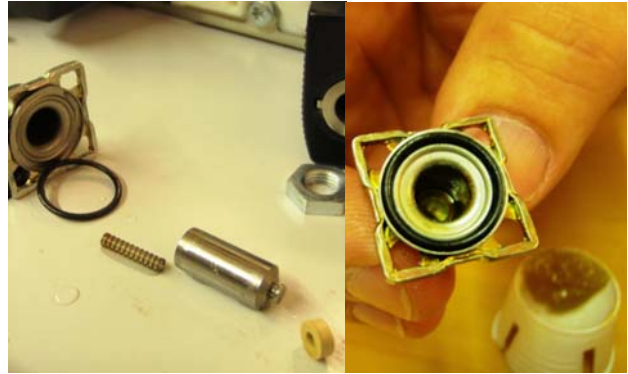


The plunger should be clean and free from
calcium & rust. Remember to grease the plunger
with Paraliq grease (**YR-032**) to prolong the
working time of the valve.



Re-assemble the proportional valve again.

Grease the piston & O-rings with Paraliq grease YR-032.



Paraliq grease YR-032



NOTE! X-tighten the screws carefully to make sure the O-ring will make a perfect tight fit.



Valve connections to susp. PCB start block.

Valve connections to susp. PCB.

