

XO[®] 4

RETROFIT OF XO WATERCLEAN SYSTEM

YB-904
Version 1.10

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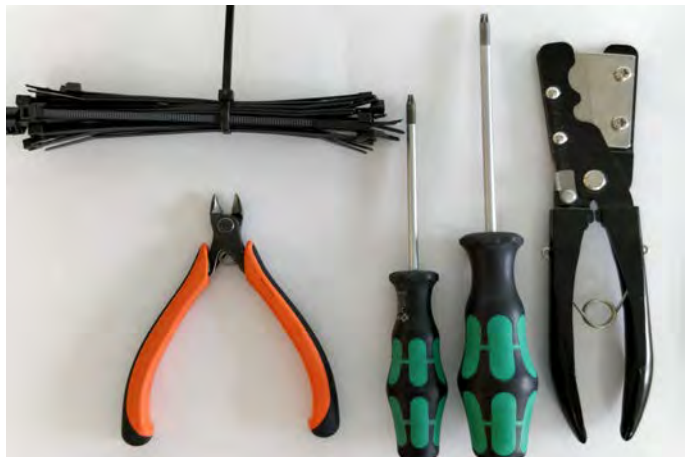
WARNING:

When making changes and handling electronics in the XO 4 Unit – always use ESD antistatic wristband (UC-600).



Tools needed:

- Torx20 screwdriver
- Torx10 screwdriver
- Nipper
- Hose cutter
- Approx. 15 cable ties

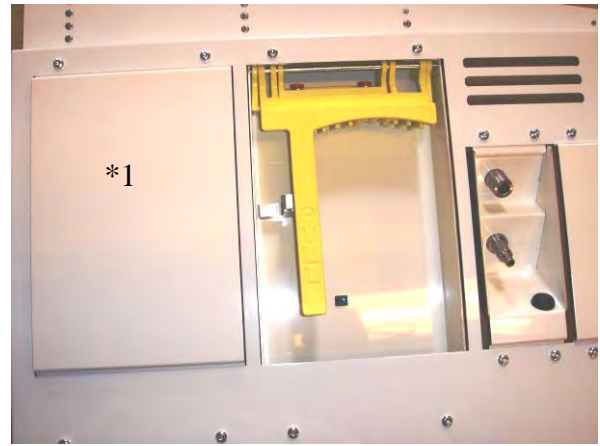


Complete kit.

- XO-450 (AP-935, AP-922), Water Clean System
- XO-305 (AP-933, KT-035), Backflow prevention



Dismount the cover (*1) from the service door. On the left side of the Unit (4 Torx 20 screws)



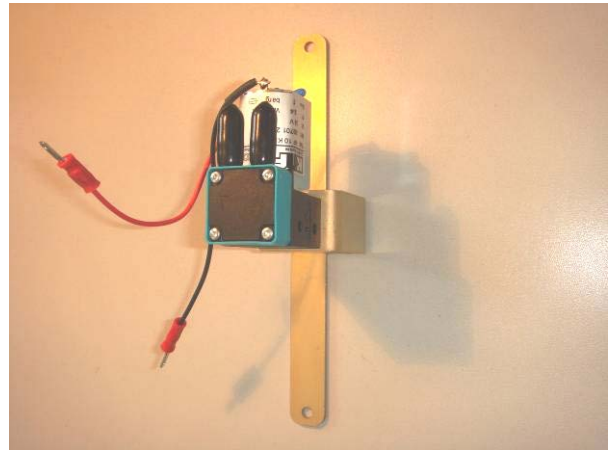
The bottle holder system.



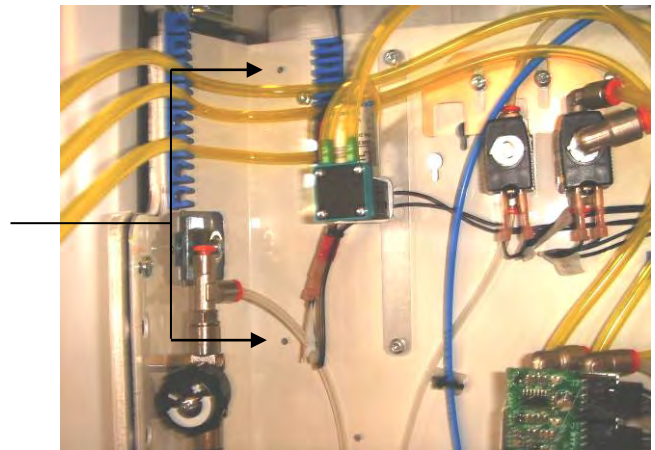
Fit the bottle holder system where you previously have removed the cover by use of the four Torx 20 screws.



The liquid motor pump for Water Clean.



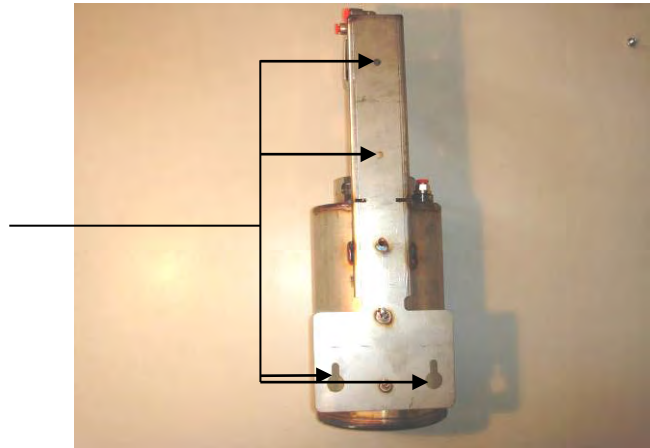
Fit the pump in the farthest left position of the XO 4 Unit by using the included two Torx 20 screws.



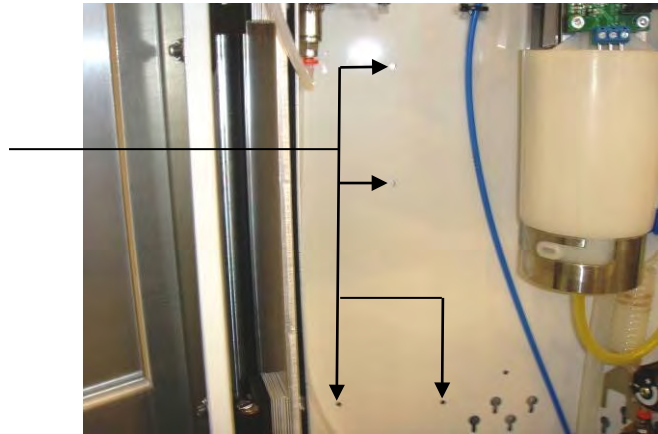
The water tank with fittings.



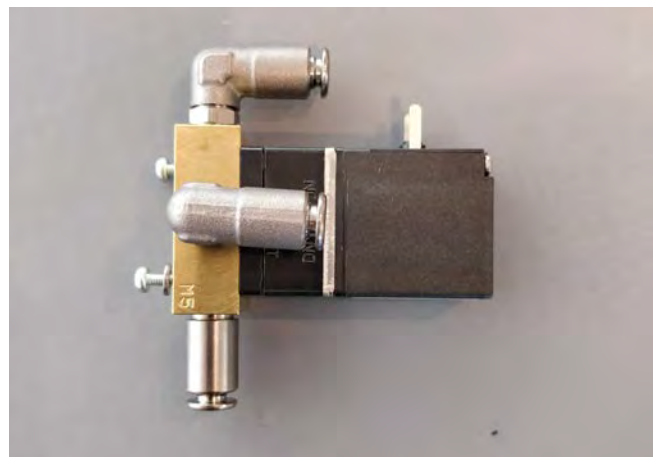
Mounting holes of the water tank.



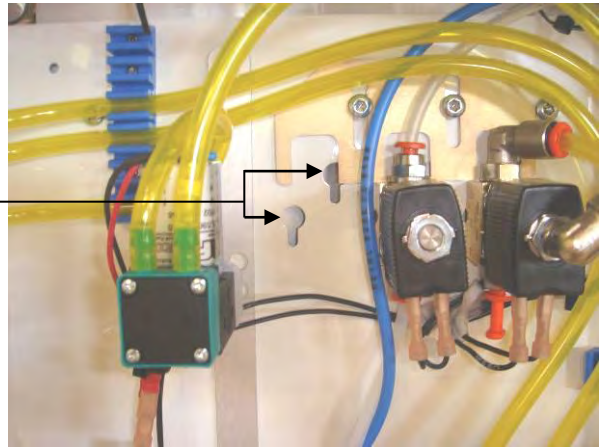
Fit the water tank and the white mixing cup in the pre drilled holes in the mounting plate using four Torx 20 screws.



3 way air valve, V30.



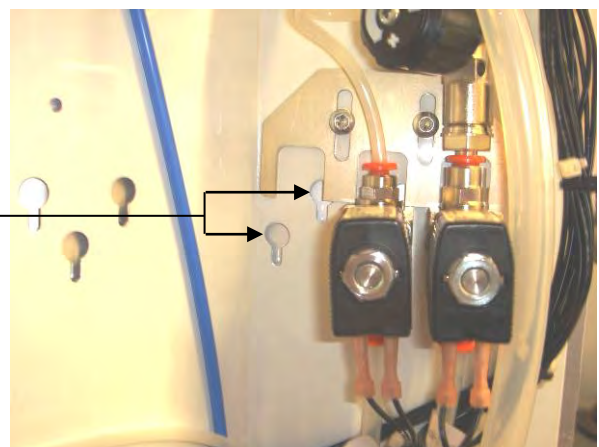
Fit the 3 way valve V30 in the holes in the mounting plate using the included two Torx 10 screws.



The 2 way water valve, V27.



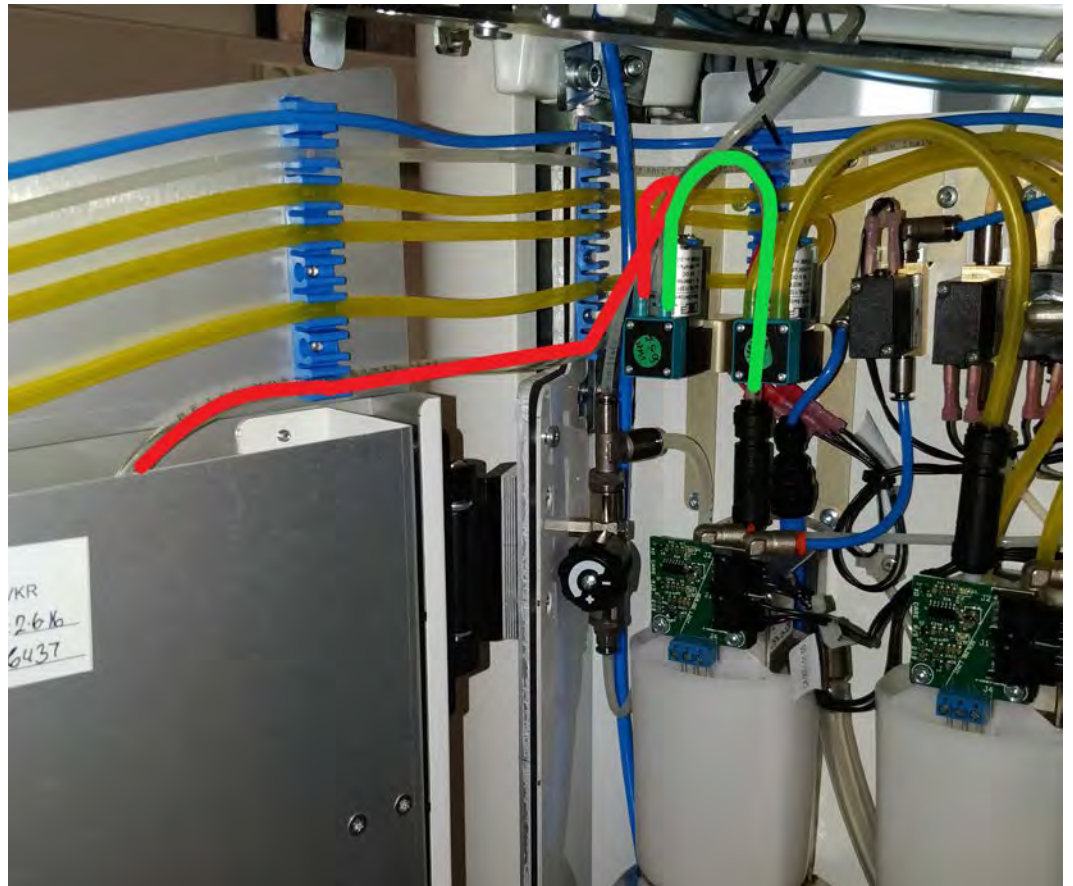
Fit the 2 way water valve V27 in the left position using the included Torx 10 screw.



Connect the 2 pieces of 6 mm clear tube as illustrated.

Red=From bottle on service door to pump.

Green=From pump to non-return valve on top of backflow prevention.



Measure and cut 4 pieces of 4 mm. blue tube for the 3 way valve V30.

7cm

Air pressure from valve V30 to top of backflow prevention

11.5cm

Pressure relief from water tank, fit between valve V30 and top of backflow prevention

43cm

Air supply from white non-return valve to valve V30.

26cm

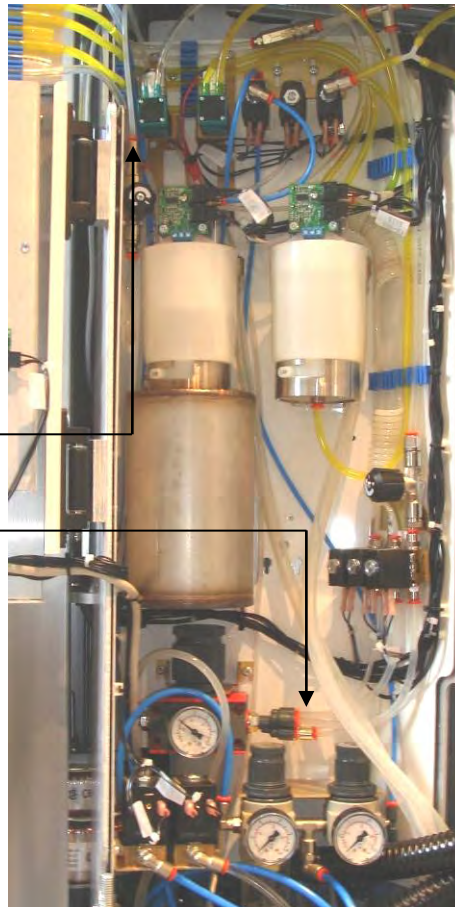
Air supply from air regulator to white non-return valve.



Make sure to fit the non-return valve with the arrow pointing upwards.



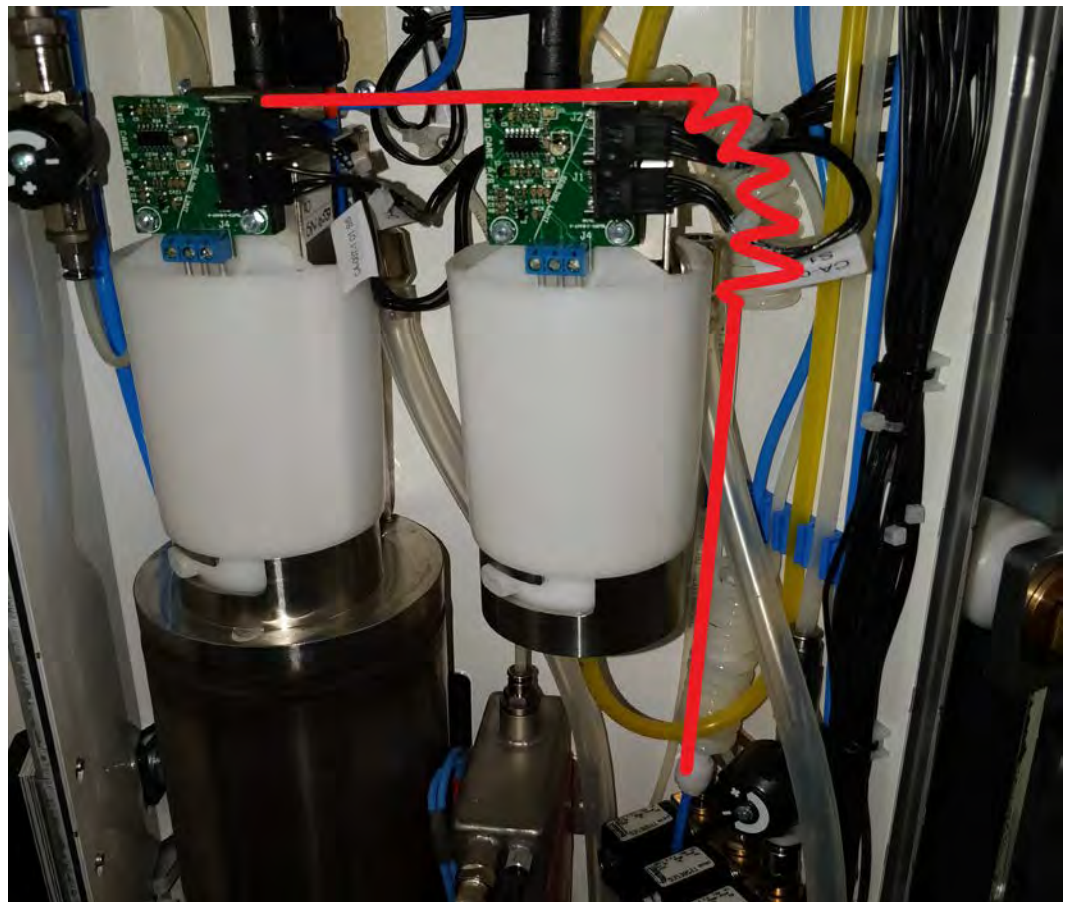
Remove the 4mm clear water tube connecting the outlet of the pressure regulator and the regulator of the cup filler.



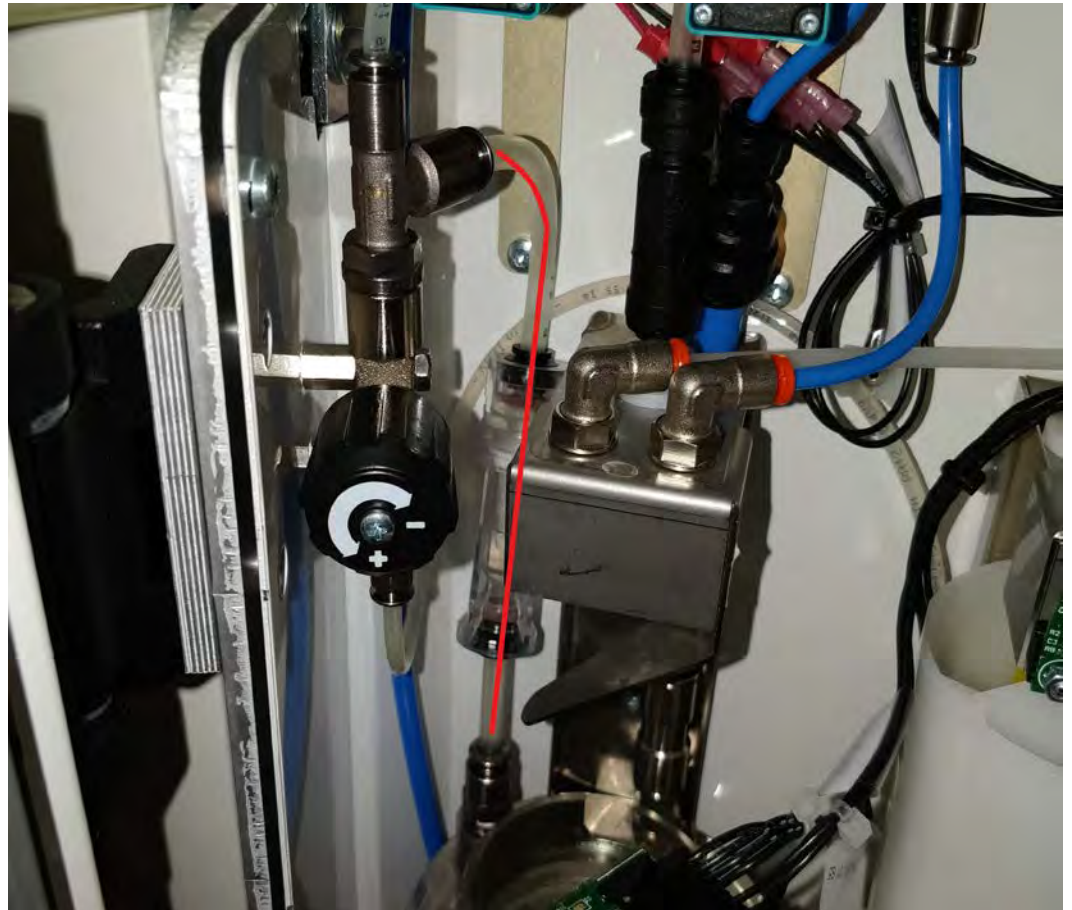
Cut a piece of 15cm of the clear 4 mm tube and connect it between the outlet of the water pressure regulator and the inlet of the water valve V27.



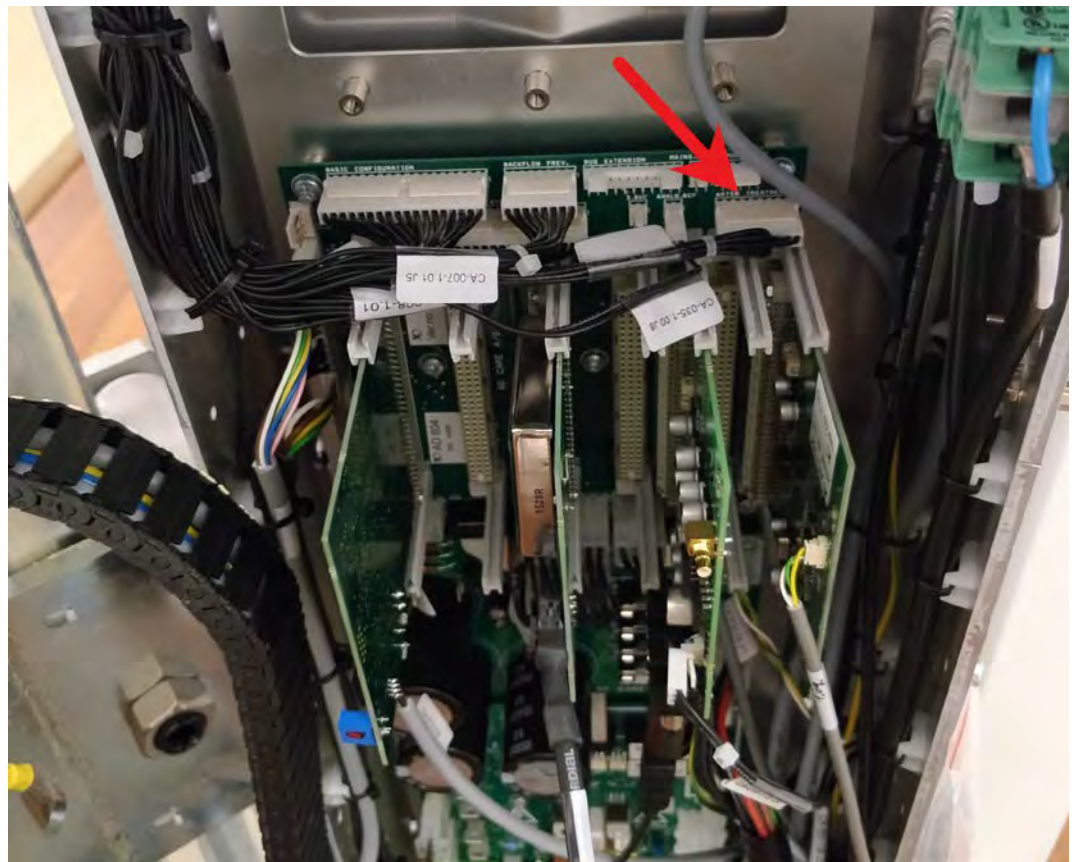
Connect the supplied 4mm spiral tube between the outlet of the 2 way water valve V27 to the inlet of the backflow prevention on top of the pressure tank.



Connect the water outlet from the pressure tank to the T-fitting next to the cup filler regulator.

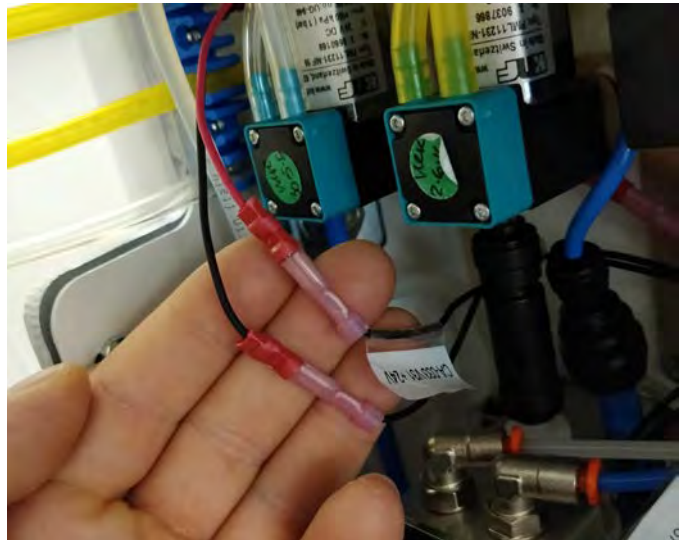


Connect cable CA-033 plug J37 to connector J37 on the Backplane.



Connect the other end of the cable CA-033 plug V31 to the liquid pump V31.

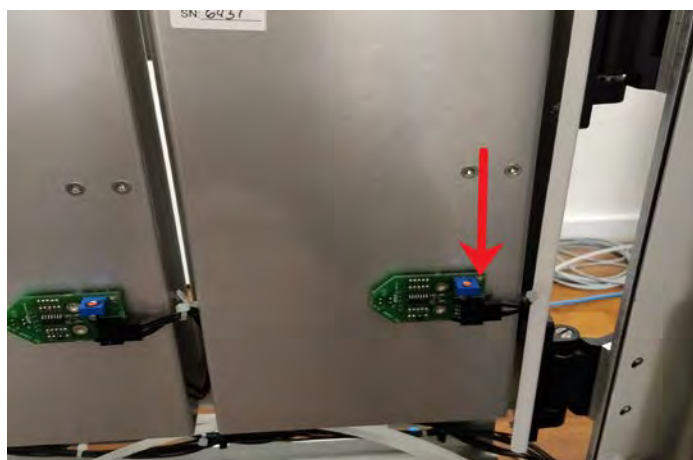
Red wire connects to the wire with the label.



Connect CA-033 plug S5B to connector J1 on the cup level sensor.



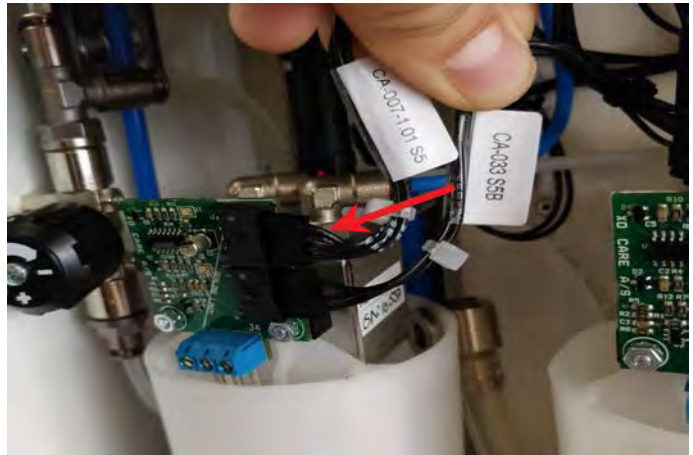
Connect CA-033 plug s14 to the connector J1 on the bottle level sensor on the service door.



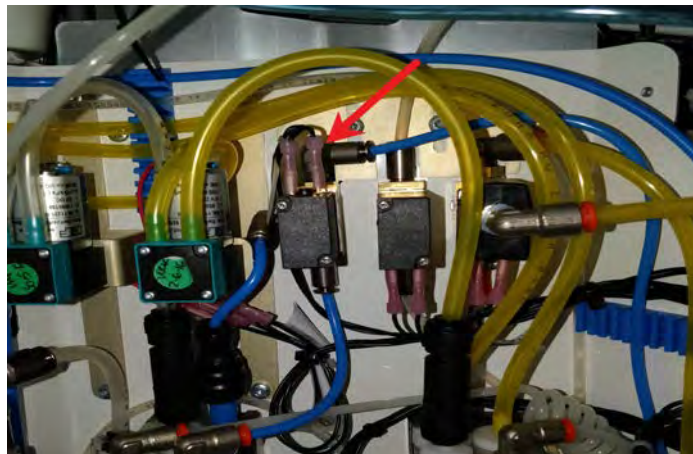
Connect cable CA-007 plug J5 to connector J5 on the backplane.



Connect cable CA-007 plug S5 to connector J2 on the cup level sensor.



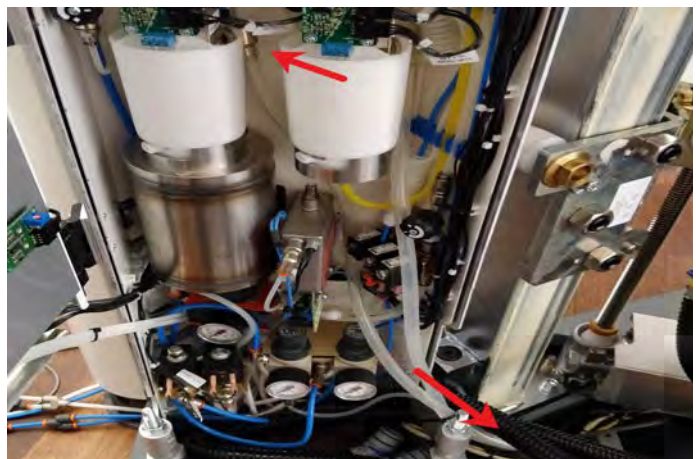
Connect cable CA-007 plug V30 to the 3-way valve V30.



Connect cable CA-007 plug V27 to the 2-way valve V27.



Fit the overflow tube on the side of the mixing cup and put the other end down towards the water reservoir.



Test the newly installed equipment, and confirm that there is no water leaks.