Water valve cleaning

This instruction will guide you on how to clean/rinse the water valve.

The reason why it’s not possible to turn water off is always caused by dirt in the valve. Always use a water filter on the incoming water by the high-pressure washer to avoid dirt in hte valve.

Link: Exploded view of the water valve.

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1. Locate the water valve on the right hand side of the robot (seen from behind), under the joystick connection.



2.Snap the coil off with a screwdriver like in the picture below.



3. Unscrew the hose connected to the 90 degrees bend.

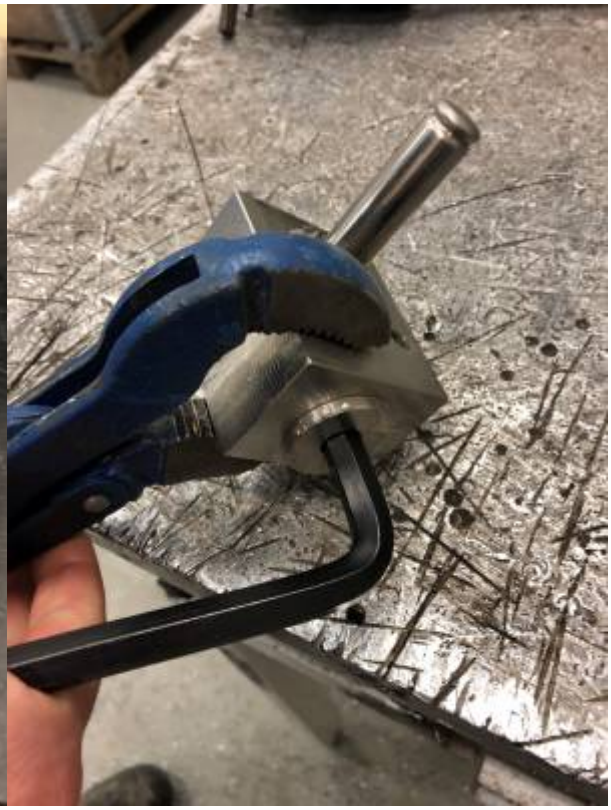
4. Unscrew the two M6 screws located on the top ove the valve.

5. Unscrew the other hose.

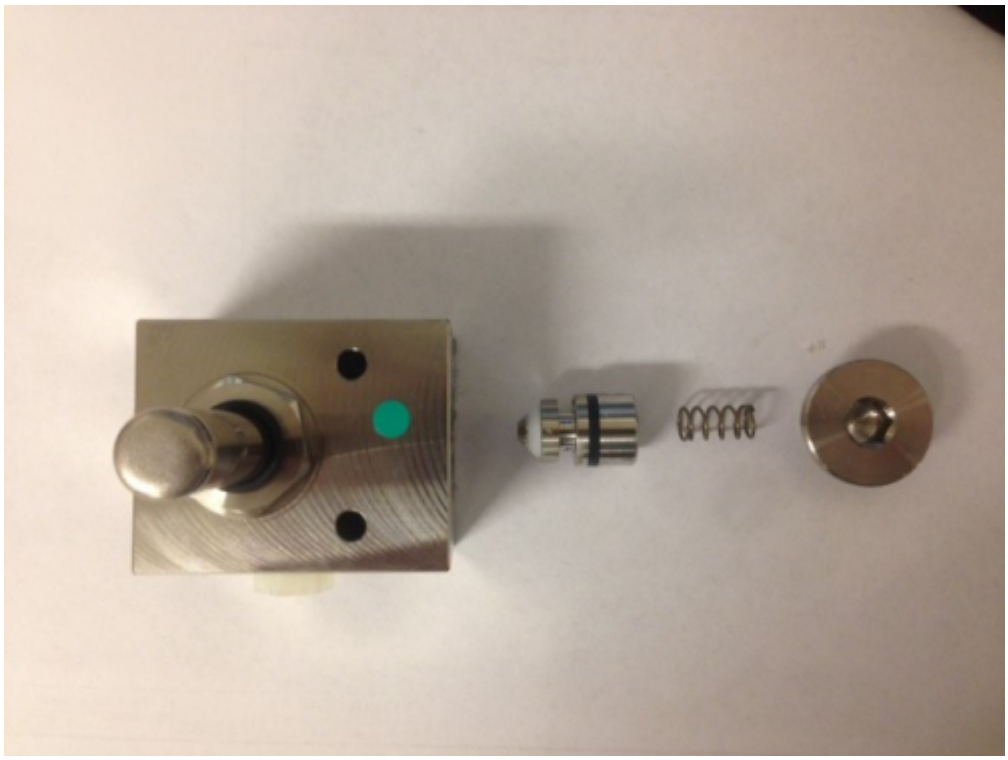
6. Dismount the plug like the picture below (holding with a pipe wrench could help).

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Link: [[:service:spl:1101100-m|Exploded view of the water valve.]]
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7. Under the plug there are a spring and a plunge. Take them out.



8. Pull a straw from a steel-brush (or similar) into the small hole in the center of the plunge until you can see the straw in the other hole shown in the picture. Make sure you have good lighting when doing this.



9. Rinse with water or blow with compressed air.

10. Reinstall in reversed order.

- Make sure the coil is dry when installed
- Make sure that the coil makes a click sound when mounted (press downwards).
- Make sure the hose connected to the hose reel is not twisted.

11. Check and clean the small filter installed between the speed-connector and the hose (at the end of the hose). It is also recommended to install a low-pressure filter before the high-pressure cleaner.

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