

Putting in the new Needle Valve Control

1. Remove all the screws around the top of the ATS machine. Lift the top panel up. Insert something as per picture below to hold the top up while you work under it.



2. To install the new needle valve #7121. Looking at the top of the ATS “Used Fluid Tank”. Remove the current hose in place and turn the existing brass fitting already in the used tank, so it at a 90-degree angle. Then attach the open-end hose of the #7121 and clamp the hose. Look at next picture for more details.

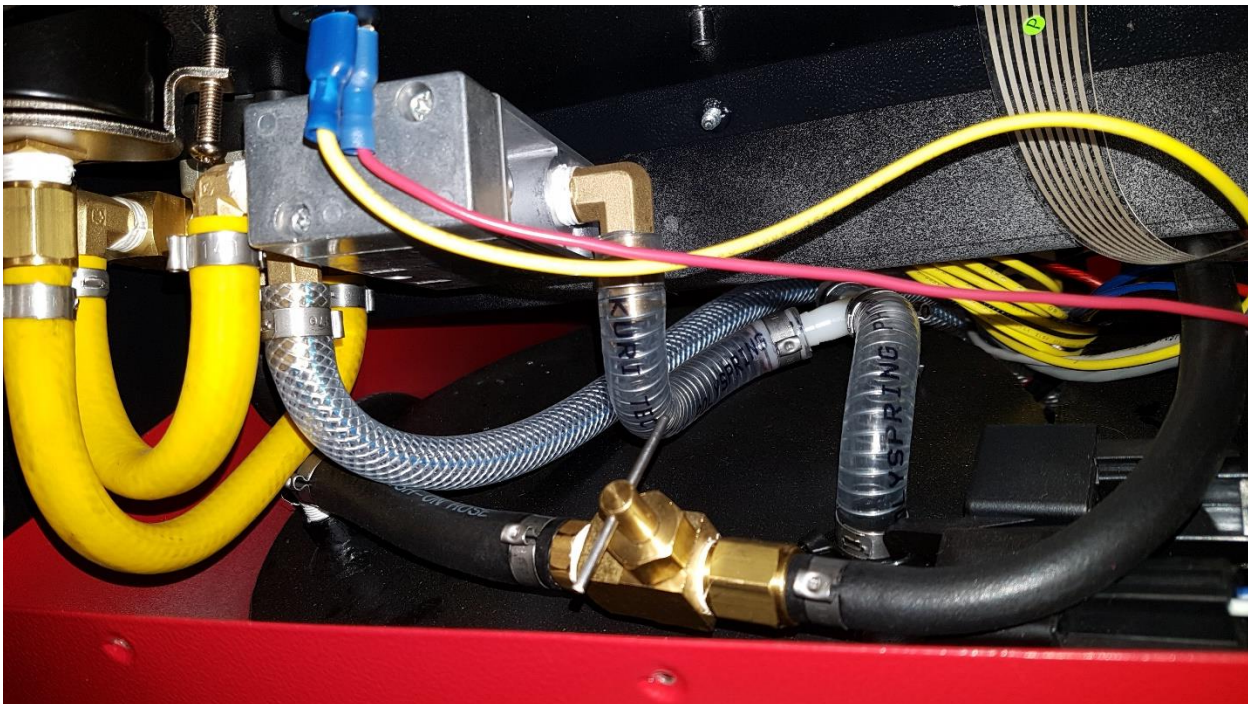


This end attaches to the top of the Used Fluid Tank

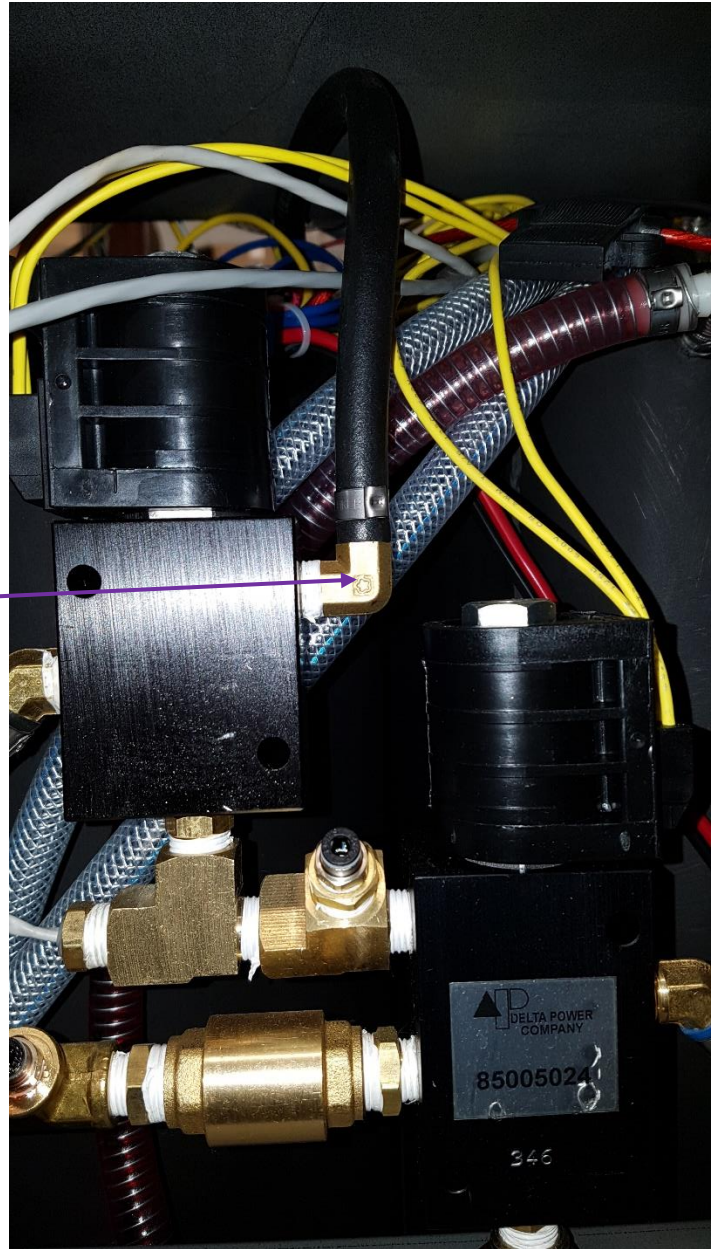
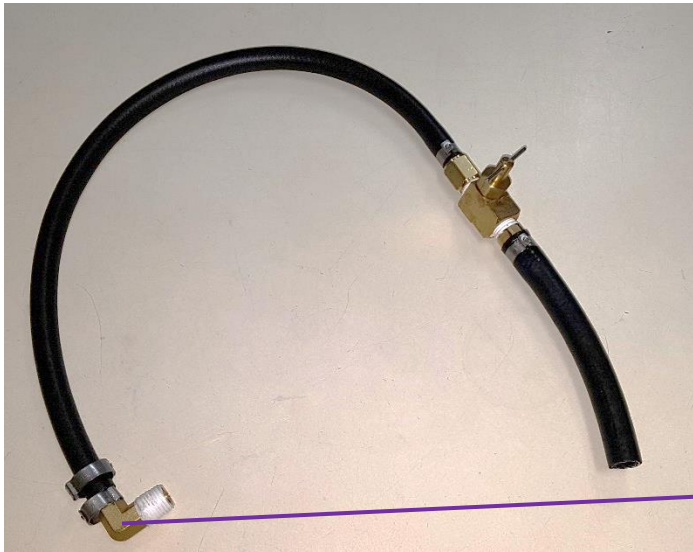
3. The Brass piece needs to be put on a 90-degree angle. As per picture below.



4. The fitting setup should look like this in the back of the machine.



5. Now to install the other end of the #7121 to the 3-way solenoid. Remove the current hose and fitting attached in 3-way solenoid and attach the 90-degree fitting on the #7121 into the 3-way solenoid. As per picture looks below, and clamp the hose.



6. Adjust the needle as per needed. The needle valve now controls the flow. For more flow turn the needle counter clock wise. For less flow turn the needle clock wise.

If the machine is under draining turn the needle counter clock wise, this allows more oil to get out.

If the machine is over draining turn the needle clock wise. If you go too far it will completely close it.

