

## Flushless Pump Shutdown and Cleaning Guide



1) Begin by checking the position of the cylinders. The cylinders must be in the lowest position, so that the cylinder rods are completely submerged.



2) To lower the cylinder rods, slightly open the manifold hand valve over the waste container and close it when the cylinders are at the bottom.



3) Turn off the main air supply to the air motor.



4) Remove the manifold head from the manifold hand valve.



5) Open the manifold hand valve once again over the waste container to release the pressure in the cylinders. When the pressure on the cylinder gauges go to zero, close the hand valve.



6) Hang the manifold body on the Flushless Pump and turn off



7) Remove the fluid gun from the whip hose.



8) Remove the fluid gun plunger from the fluid gun. Remove the whip hose and sample valve from the mixing tube and place in the solvent container.



9) Remove the whip hose and sample valve from the mixing tube.



10) Disconnect the pressure gauge and mixing tube from the manifold head leaving the coupler on the head.



11) With the ejection rod, remove the mixing elements from the tube.



12) Clean the fluid gun in solvent.



the air supply.



13) Clean the fluid gun plunger in solvent.



14) Lay the whip hose in solvent and clean the sample drain valve with a brush. Make sure the sample drain valve is open.



15) Clean the mixing tube with a brush. Place the mixing tube in the solvent.



16) Clean mixing elements in the solvent and store them in a safe place to avoid breakage.



17) Open the manifold head pressure gauge valve and clean the manifold head connectors. Store the manifold head in the solvent.



18) Clean the gun stem connector and store in solvent.

The mixing components and whip hose must remain in the parts washer. The solvent level must be high enough to completely cover all items. Keep all solvents covered when not in use.

You have successfully shut down & cleaned the Flushless Pump System! These important steps will allow you to be prepared and ready for the next time you fill a tire.

Please keep your manual handy so you will have access to more detailed information about safety, tire filling and troubleshooting.

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