



www.ScheidDiesel.com

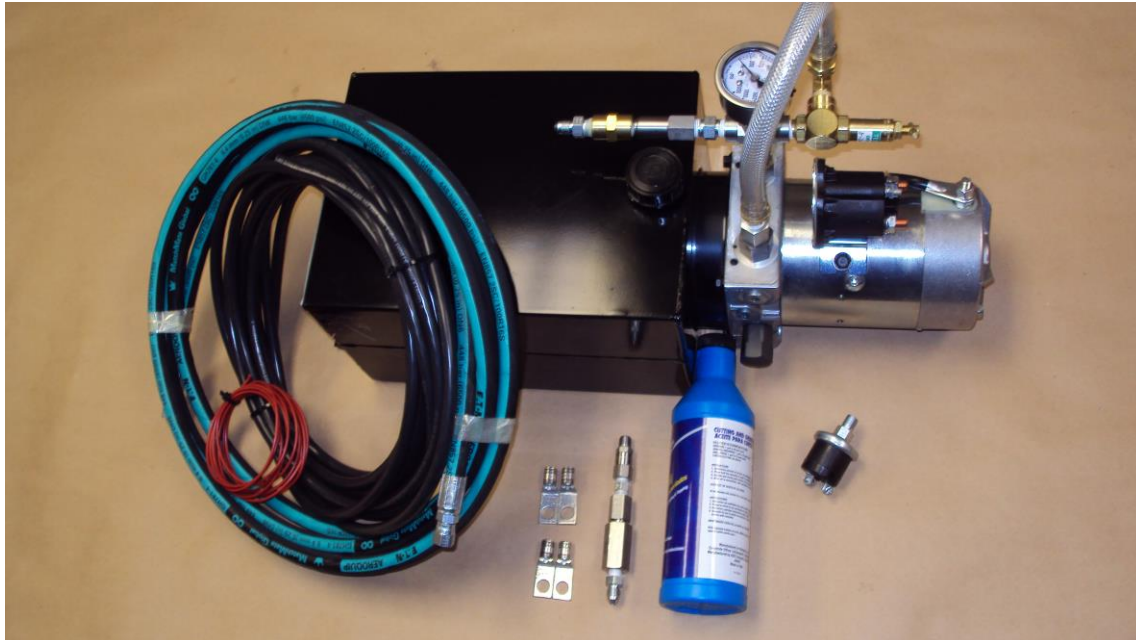
3120 S. Banker  
Effingham, IL 62401  
(800) 669-1934  
Fax (217) 536-5311

4960 N 13<sup>TH</sup> St.  
Terre Haute, IN 47805  
(800) 669-1593  
Fax (812) 466-3957

3707 South 500E.  
Lafayette, IN 47905  
(800) 669-3533  
Fax (765) 471-1696



P/N: **1051061001** Self-Contained 12 Volt Water System Pump kit includes:



- 1pc 12 Volt motor & pump with 2gal tank
- 25ft- Battery cable for water kit (customer cut to length)
- 4- cable terminals (crimp or solder)
- 10ft-16 gauge wire (red)
- 13ft- High press. hose w/ JIC swivel
- 1- Switch – 80 PSI press. sensitive (preset @ 30psi)
- 0.5 STD OR optional 0.3 port water injector nozzle – 1/8 pipe .020
- Check Valve, Stainless steel 1/8 FNPT (50 PSI let in)
- Water Soluble Cutting Oil
- 300 – 700 press relief valve regulator
- System leaves tested and set @ 400psi w/ nozzle and purged with K1.

## Installation:

1. Find adequate system mount location: (things to think about are length of provided hardware, access to fill, and adjustment, security.)
2. Wire appropriately for application: battery to pump (with cable), solenoid to pressure switch, pressure switch to toggle switch (maybe even lighted to see activation), and toggle to battery. This is common for weekend warriors installs.
3. Find adequate mount location for water nozzle: (water nozzles are mounted in all sorts of arrangements, from spraying into the charger inducer, to multiple port injection on intake manifold, and everywhere in-between. In most applications after charge air cooler is preferred as well as far enough away from intake to get a good “mix” before the valves.
4. Tune your system: We send it to you at an “average” setting. Even though our “average” is **extreme duty** to most, you may find that you need to adjust the pressure switch (what PSI of Boost it cycles on at).
5. The next step is adding nozzles, and if that doesn't get you there then you may open them up. (! CAUTION ! Don't lose the swirler's when you take the nozzle appart.). see sheet below for .030" orifice flows

## Maintenance:

1. **Winterize!!!!** Flush and Fill with RV antifreeze mixed with our additive, Or kerosene. ! WARNING ! Be sure to remove winter solvent before use. Excessive smoke, higher EGT's, or run away may occur~!
2. If system left stagnant... top off with water and additive. The less air in the tank and system the less chance for rust and contamination.
3. Clean suction screen: remove tank from pump unit.

## NOTES:

System can support multiple nozzles, and multiple orifice sizes to suit your application.

| 400psi @ 15sec              | P/N:                   | 600psi @ 15sec                               |
|-----------------------------|------------------------|--|
| .3 nozzle – 7oz.            | 5771/8 GDSS.3          | .3 nozzle - 8oz.                             |
| .5 nozzle – 9oz.            | 5771/8 GDSS.5          | .5 nozzle – 11oz.                            |
| <b>.030" nozzle - 3/4pt</b> | <b>5771/8 GDSS.030</b> | <b>.030" nozzle - 1pt. max RUN time 4min</b> |
| .050" nozzle - 1 1/2pt      | 5771/8 GDSS.050        | .050" nozzle - 1 7/8pt                       |