

## Flushing Instructions

### When replacing pump only:

1. Lift front axle off the ground and support with axle stands. Be sure and block rear tires.
2. Install pump. Do not reconnect return line from gear to reservoir, rather place hose into a five gallon bucket. Use a plug on reservoir to contain fluid.
3. Select proper fluid as recommended for steering gear or linkage system.  
*Note:* A good rule of thumb is to use twice the amount of fluid as the capacity of entire system.
4. When possible, disconnect the ignition so the engine won't start. An assistant is required to crank over the engine and to rotate steering wheel at same time. *Caution:* Avoid hitting or holding against axle stop or damage will occur. At the same time fill reservoir with fluid and make attempt at not letting the pump run dry, this can be difficult at best. This allows the valve to open and the piston to force clean fluid through the pressure hose, valve, piston area and out of the return hose into five gallon container. Flush until clean fluid comes out.
5. Now re-attach return line to reservoir, top off reservoir, re-connect ignition system start engine and move wheel to one side. Stop engine and re-inspect fluid. *Caution:* Don not over fill!
6. Start engine and turn steering wheel stop to stop approximately 6 times. Let run until system is at running temp and repeat turning steering wheel stop to stop six times. *Caution:* Don not hold against axle stops. *Note:* Many steering systems have additional procedures for bleeding, may need to use manual bleed procedure. Determine gear type to see if has manual bleed screw to get any residual air out of system.

### **Keep your system clean**

We recommend when replacing a power steering pump or gear:

\* Inspect all hoses and fittings \* Fluid is flushed and replaced \*Filter is changed