

## Rebuilding the power steering pump used on Ford 2600 tractors

The power steering pump used on the 2600 is an easy to service gear driven pump. My pump failed following a freeze event with moisture in the system. Upon dis-assembly the failed seal (oring) was obvious.

Remove the pump from the tractor. Make note of the orientation of the reservoir can and filler plug.



Remove the bolt on the back and the reservoir can. Discard the filter and plan on replacing.



Remove the pump body from the front casting. Make note of the orings and their positions. Remove the pump housing and gear set. Make note of their orientation. Inspect parts for wear.



My tractor had 1500 hours on it and there was little wear on the pump. Seals and filters are readily available from the usual outlets. Clean all the parts and reassemble using the new seals/orings. In my kit some of the square orings were replaced with round ones but it all went back together. Do not monkey with the relief valve as this sets the relief pressure of the pump. Do not interchange with other systems as the settings will be different.



Reassemble in reverse order and install the pump back onto the tractor. I recommend filling the system with new oil and cycling the steering from lock to lock for 20-30 minutes then drain and refill. This should purge the system of foreign material.

