

GENERAL PUMP & EQUIPMENT CO., INC.

MANUFACTURING QUALITY HYDROSTATIC TESTING EQUIPMENT FOR CONTRACTORS AND INDUSTRY SINCE 1969
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READ BEFORE INSTALLING YOUR REPLACEMENT OR REBUILT PUMP

TO INSURE THAT YOUR REPLACEMENT/REBUILT PUMP WILL OPERATE AT IT'S MAXIMUM EFFICIENCY, PLEASE FOLLOW THESE INSTRUCTIONS:

1. When installing the pump on the motor shaft, the pump should slide on by hand. If the pump does not, check for burrs, rust or dirt on the motor shaft. **DO NOT USE A HAMMER OR BLOCK TO FORCE THE PUMP.**
2. The pump is designed to float on the motor shaft. It is not recommended that the torque arm, on the bottom side of the pump, be fastened down to the base or the rubber bumper pad.
3. Before installing the cover over the pump and motor, check all electrical connections, switch, cord and cord grip to be sure they are in good working order. Check set screws in pump shaft to be sure they are properly tightened.
4. **CHECK AND CLEAN ALL** all inlet, outlet and by-pass hose before re-installing on unit. Check to see that the inlet strainer is installed properly and totally clean. **IT IS ABSOLUTELY NECESSARY THAT A STRAINER BE USED ON THE INLET TO THE PUMP OR YOU WILL HAVE PROBLEMS MAKING PRESSURE.**
5. When first running the unit after installing a new or rebuilt pump, USE WATER PRESSURE FEED to set pressure and check the unit out. This will wet the seals in the pump and maximize vacuum generated by the pump. **NEVER TRY TO DRAFT OR USE GRAVITY FEED WITH A PUMP THAT HAS DRY SEALS, IT WILL NOT PRIME AND DAMAGE WILL OCCUR.**
6. Before running the unit, be sure you know where the relief valve is set. If the pressure setting is not known, loosen the locknut on top of the adjusting handle and loosen handle by turning counterclockwise to a minimum setting.

TO SET MAXIMUM PRESSURE:

1. With all the hoses connected to the unit, attach a valve to the outlet end of the outlet hose.
2. Turn the water supply to the pump ON.
3. With the water on and the outlet open, turn your Hydro-Test unit on.
4. With the Hydro-Test unit running, SLOWLY turn the valve at the end of the outlet hose off.
5. **CAUTION:** While turning this valve off, always watch the pressure shown on the gage on the outlet side of the unit. When the valve is turned off completely, the pressure on the gage is the maximum set pressure.