

PRESSURE PUMP ASSEMBLY

STANDARD 5/8" THREADED SHAFT ENGINE



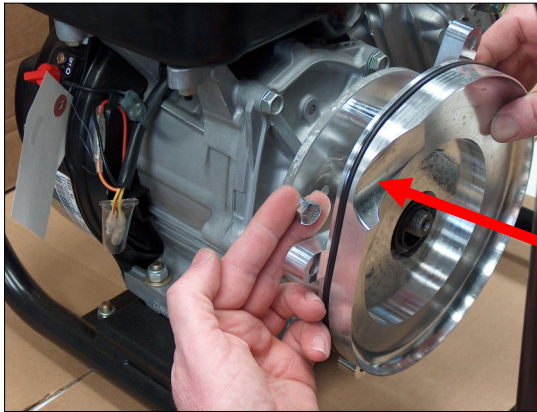
GP2 PUMPS

ITEM	DESCRIPTION	QUAN- TITY	PART NO.
1	Pump outer housing	1	#OHGP2
2	Brass hose adapter cap	1	#BC
3	Brass hose adapter	1	#BA
4	Impellar	1	#IGP2
5	Ceramic seal (2 part mechanical seal)	1	#CS
6	Spring & casing seal (2 part mechanical seal)	1	#SS
7	Bolts—5/16-24x1.5" (Socket head cap screw)	4	#GP27
8	Lock Nuts—5/16-24	4	#GP28
9	Pump inner housing	1	#IHGP2
10	O Ring	1	#GP2O
11	Spacers	4	#GP2S
12	Bolts—1/4 x 20 x 2"	4	#GP212
13	Rear mounting plate	1	#GP2RP
14	Bolts—5/16 x 24 x 3/4"	4	#GP214

OPPERATION NOTES:

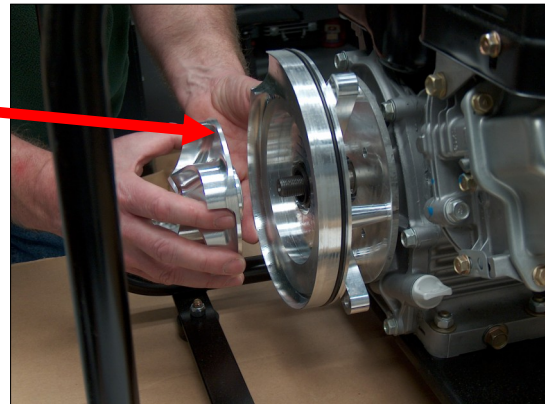
Water must always be in the pump while running. A foot valve is necessary on the suction hose because the pump is not self priming. Before starting the motor, fill the pump housing and suction hose with water. If pump is run dry, it will damage the seal and seal will need to be replaced. It is also a good idea to carry a spare seal in case of damage.

INSTALLATION INSTRUCTIONS

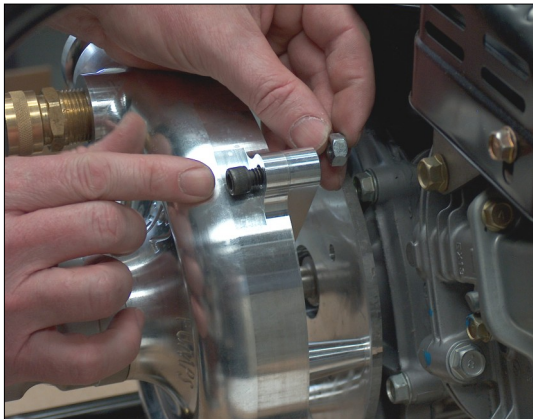


1. Mount the inner housing to the motor using the 4 5/16-24 x 3/4 bolts. As in the picture, make sure to place the outlet up and facing left.

2. Spin the impellar clockwise onto the shaft. The inner housing should be flush with the inner edge of the impellar. When the **edge** of the impellar is flush with the inner housing that leaves the proper 1/64th" clearance necessary to mount the outer housing. The set screw on the inside of the impellar adjusts the depth the impellar will seat.



3. Press the housing over the O Ring of the inner housing. Secure the outer housing with the 4 5/15-24 x 1 1/2" bolts and lock nuts.



NOTE: To remove the impellar you must remove the engine's rope recoil hosing. The impellar will unscrew in a counter-clockwise direction.

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