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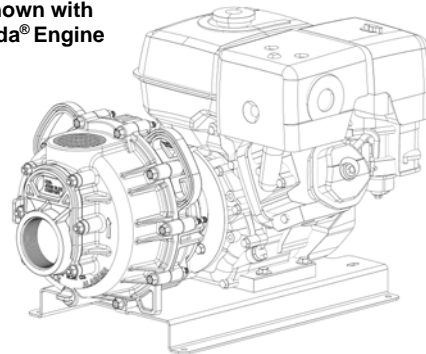
**WARNING:** This product can expose you to certain chemicals, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**SAFETY PRECAUTIONS:** EQUIPMENT SHOULD BE OPERATED BY RESPONSIBLE PEOPLE. A CAREFUL OPERATOR IS THE BEST INSURANCE AGAINST AN ACCIDENT. FILL SYSTEM WITH WATER FIRST AND CHECK FOR LEAKS – REPLACE HOSES WHEN WORN OR CRACKED.

## Specifications:

- Max flow: 375 gpm
- Max pressure: 45 psi
- Required HP: 10 HP
- Port size: 3" FPT
- Materials: Polypropylene, Viton® O-rings, 316 stainless bolts and shaft
- Optional screw-in M300 flange adapter is P/N: 116431-01

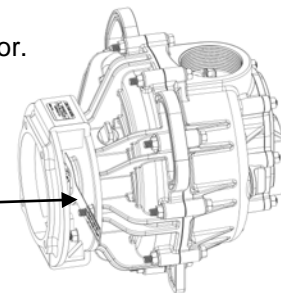
PSP-3340 shown with  
GX-390 Honda® Engine



## Installation:

- The standard pump is configured for gas engine use. For electric motor fitment, you must order a “-E” pump for use on a JBC 10hp motor (see page 4).
- A shaft locating tool is used to hold the shaft during installation on the engine/motor.  
**This must be removed before operating the pump.**

**Remove tool  
before operating  
pump**



- Note that any plumbing must be supported so that its weight does not hang off of the pump – this will void the warranty.
- If you have the -FLG version of the pump with M300 flange fittings included, the fitting threads must have sealant applied before assembly to the pump.
- The inlet configuration of the pump may be changed by removing the 6 locknuts holding the inlet on. The inlet check valve flap may also be removed in the high configuration. Using the pump in the high inlet condition allows the outlet hose to drain when the pump is shut off, which is beneficial to some users. Tighten all housing fasteners to 5 ft-lbs.

## Storage:

- After use flush the pump with a solution that will neutralize the fluid you have been pumping, and then drain. *Do not use water to flush acids* – resulting damage not warranted.

## Maintenance:

- The seal reservoir may be inspected by opening the fill plug. The fluid level should be approximately ½” below the opening. If the fluid is dirty, drain by tilting the pump upside down or pull it out with a vacuum, then replace with PREMIXED antifreeze. If the fluid is cloudy, the impeller side seal may be leaking.

### Note to the Owner

The pump should be inspected annually for any wear or damage to any of the components in order to ensure proper operation. Enter the date of installation in the space provided for future reference. This information will be required for ordering replacement parts or servicing your pump.

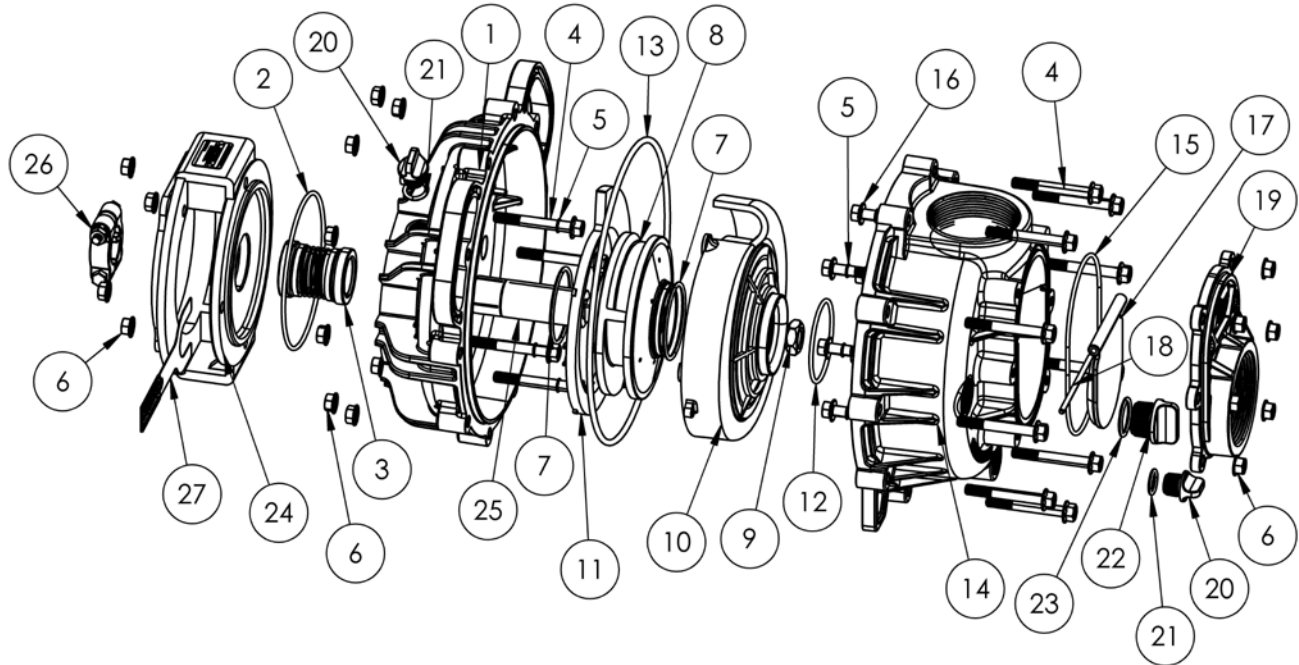
*Our engineering department constantly improves its products. We reserve the right to make design and specification changes without notice.*

**DATE OF INSTALLATION:** \_\_\_\_\_

### Troubleshooting:

ISSUE	PROBABLE CAUSE
Pump makes rattling noise while running	Cavitation or pump starvation (suction lift is too high or the inlet line is too restrictive)
Interference observed between impeller and scroll plate	Pump was not installed properly using installation tool and the shaft is inserted too far into the pump.
Reduced pump output or pressure	Clogged impeller or inlet piping (including strainer)
	Leaks in suction line or at inlet gasket
	Collapsed suction line
	Trapped air in sections of suction line
	Suction lift is too great
	Discharge lift is too great
	Worn or damaged parts (impeller or volute)
Pump fails to prime or slow prime	Leaks in suction line or at inlet gasket
	Failure to pre-fill pump with fluid to generate suction
	Suction lift is too great
	Collapsed suction line
	User may need to swap the inlet flange orientation (change from center inlet to high inlet without flap)
Seal reservoir fluid changes level	Leak at the input shaft seal if level is low
	Leak at the impeller side seal if level is high

**Parts Breakdown:**



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	116426-01	BACKPLATE - 3" POLY SP	1
2	116434-01	-255 O-RING, VITON	1
3	43005	SEAL, VITON	1
4	116291-01	FLANGED HEAD 316SS BOLT, 3/8-16 X 3	14
5	116300-01	-012 O-RING, VITON	10
6	91077	3/8-16 FLANGED LOCK NUT	20
7	116223-01	-231 O-RING, TEFLON	2
8	116427-91	IMPELLER ASSEMBLY - 3" POLY SP	1
9	116490-01	LOCK NUT IMPELLER, 316 SS	1
10	116438-01	SCROLL PLATE - 3" POLY SP	1
11	116439-01	SCROLL PLATE INSERT - 3" POLY SP	1
12	116433-01	-233 O-RING, VITON	1
13	116436-01	-379 O-RING, VITON	1
14	116425-01	HOUSING - 3" POLY SP	1
15	116435-01	-257 O-RING, VITON	1
16	116482-01	FLANGED HEAD 316SS BOLT, 3/8-16 X 2-3/8	6
17	116216-01	3" INLET FLAP	1
18	116217-01	3" FLAP HINGE PIN	1
19	116428-01	INLET FLANGE NPT - 3" POLY SP	1
20	116288-01	1/2" NPT PLUG - POLY SP PUMPS	2
21	116294-01	-115 O-RING, VITON	2
22	116289-01	1" NPT PLUG - POLY SP PUMPS	1
23	116293-01	-123 O-RING, VITON	1
24	114523-01	ADAPTER - GAS ENGINE	1
25	116432-01	SHAFT - 3" POLY SP, 316 SS, BS	1
26	s-3608as	SS SHAFT CLAMP ASSEM - 3" KEYED	1
27	116492-01	SHAFT ALIGNMENT TOOL - 3" POLY SP PUMP	1

AVAILABLE GAS ENGINE AND ELECTRIC MOTORS	
Part Number	Description
115457-01	HONDA GX390 GAS ENGINE, ELECTRIC START
C-517	10HP ELECTRIC MOTOR, TEFC, 3 PH
115277-01	10HP ELECTRIC MOTOR, TEFC, 1 PH

**LIMITED WARRANTY**

THIS WARRANTY IS IN LIEU OF ALL OTHER WRITTEN OR EXPRESS WARRANTIES AND REPRESENTATIONS. ANY IMPLIED WARRANTIES INCLUDING MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE ARE EXPRESSLY LIMITED TO THIS WRITTEN WARRANTY. JOHN BLUE COMPANY SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES.

Use of this product for any purpose other than its original intent, abuse of the product, and/or any modification to the original product is strictly prohibited by the manufacturer, John Blue Company. Any modification to the product should be approved by John Blue Company prior to use. John Blue Company will deny Warranty claims and liability in any situation involving misuse, abuse or modification.

Each new machine or component manufactured by John Blue Company through original buyer is warranted by John Blue Company to buyer and to any party or parties to whom buyer may resell, lease or lend the equipment to be free from defects in material and workmanship under normal use and service. This obligation of John Blue Company under this warranty is limited to the repair or replacement of defective parts or correction of improper workmanship of any parts of such equipment which shall within one year from the date of John Blue's original delivery thereof, be returned to John Blue's factory, transportation charges prepaid and which John Blue Company shall determine to its satisfaction upon examination thereof to have been thus defective. When it is impractical to return the defective parts of such equipment to John Blue's factory, then John Blue shall have no liability for the labor cost involved in repairing or replacing any such parts and shall be liable solely for supplying the material necessary to replace or repair the defective parts, provided that prior thereto John Blue Company shall have determined to its satisfaction that any such parts are thus defective.

This warranty shall not apply to any equipment which shall have been repaired or altered outside John Blue's factory in any way so as to affect its durability, nor which has been subjected to misuse, abuse, negligence or accident, or operated in any manner other than in accordance with operating instructions provided by John Blue Company. This warranty does not extend to repairs made necessary by the use of inferior or unsuitable parts or accessories, or parts or accessories not recommended by John Blue Company.

John Blue Company makes no warranties in respect to parts, accessories or components not manufactured by John Blue Company, same ordinarily being warranted separately by their respective manufacturers.

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