

OPERATING INSTRUCTIONS

for

115P 2½-1A High Pressure Pump

After unboxing the pump, check to see that all parts are included. If the pump was damaged during transit, notify the transit company immediately. Read these instructions, and the instructions covering the operation of the engine.

Before starting the engine, DO NOT operate the engine until you have put oil in the crankcase. We recommend your checking the oil level each time the gasoline tank is filled. If the pump is used only occasionally, check the oil level before starting the engine.

For fastest priming and maximum volume, always keep the pump as close as possible to the liquid being pumped; for maximum flow and pressure at the discharge nozzle, use largest diameter hose available and straighten out kinks and sharp bends in the hose layout.

The pump is equipped with an exhaust priming system. In order to establish prime do the following:

1. Make certain that all hose connections are tight. An air leak in the suction line may prevent priming and will reduce the capacity of the pump.
2. Start engine (see engine operating instructions).
3. Set engine throttle control, mounted on top of the engine to full open position.
4. Place valve (40) (parts drawing shows open position.)
5. Grasp handle (41) and swing cap (42) over the opening in the muffler (28). Hold cap against the opening very tightly until the pump starts pumping.
6. Swing cap (42) clear of muffler (28).
7. Close valve (40).

If there is a danger of freezing, remove the drain plug (as soon as the pump is stopped), and drain all the liquid from the pump case.

The pump is very easy to disassemble and reassemble. Disconnect the flexible hose (32). Remove the cap screws holding the seal plates to the body (see cross-sectional drawing) and remove body. If it is necessary to service the shaft seal, remove the cap nut and pry the impeller off the shaft with two screwdrivers. Grasp the seal assembly firmly with the fingers and pull it from the shaft. If the stationary ring needs replacement, push the seal ring out from the rear of the seal plate.

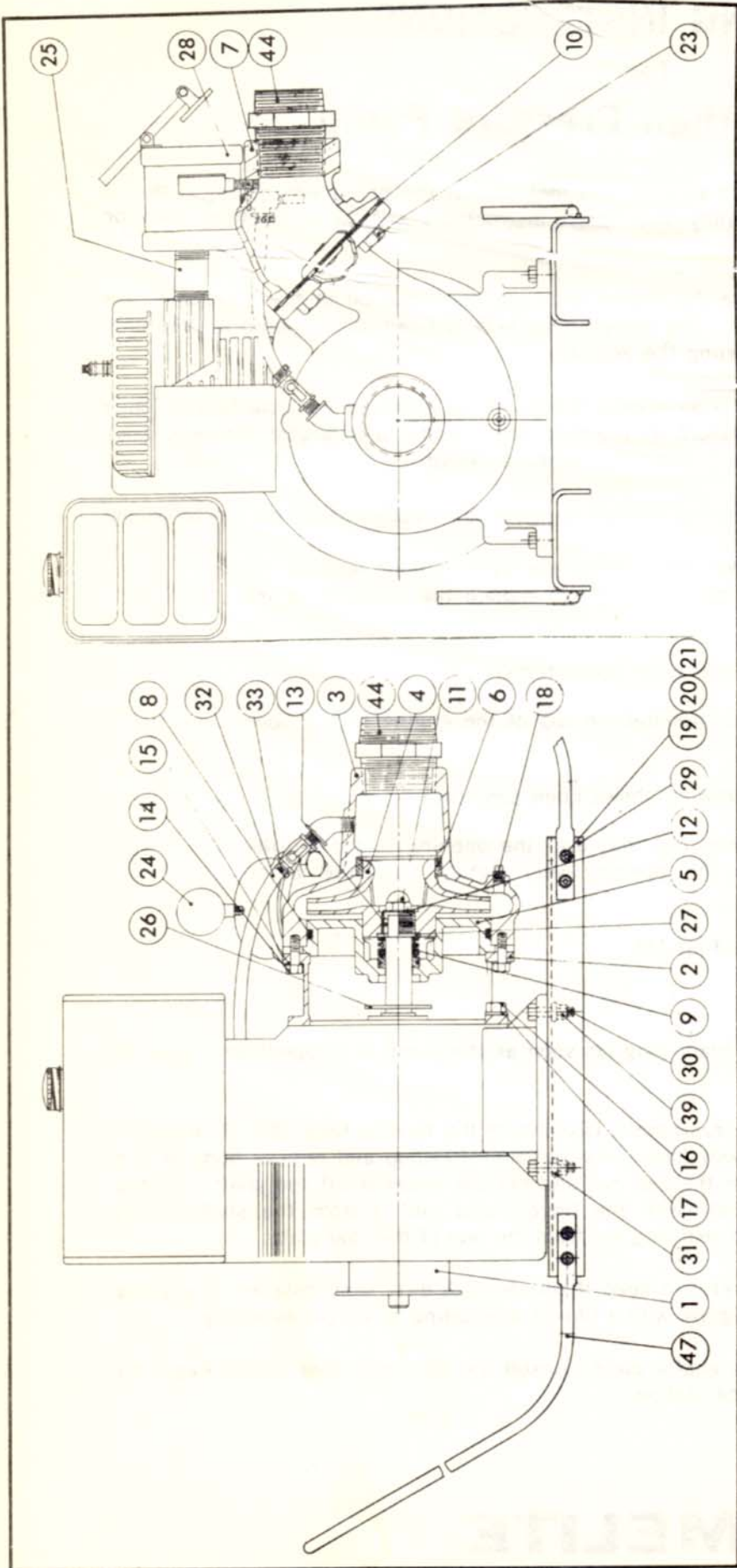
When handling the shaft seal parts, be careful to keep them clean. A dirty seal installed in a pump will become a faulty seal. Coat the seal lightly with a film of lubricating oil before assembly.

For engine overhaul work and replacement engine parts, consult the telephone book Yellow Pages for your nearest Briggs & Stratton engine service station.

HOMELITE

A **Textron** DIVISION
PORT CHESTER, NEW YORK

PARTS LIST



Ref. No.	Description	Quan.	Part No.	Ref. No.	Description	Quan.	Part No.
1	Engine	1	6180	19	Washer, Flat	16	6449
2	Adapter	1	6621	20	Screw, Hex	8	6466
3	Body	1	6844	21	Lock Washer	8	6049
4	Impeller	1	6843	23	Bolt, Valve Body	4	6077
5	Plate, Seal	1	6622	24	Gauge, Pressure	1	6915
6	Bearing, Body, Bronze	1	6886	25	Nipple	1	6879
7	Body, Check Valve	1	6845	26	Stinger	1	6445
8	"O" Ring	1	6637	27	Bushing, Impeller	1	6894
9	Seal, Shaft	1	6007	28	Primer Kit	1	7666
10	Valve, Check Ass'y	1	6895	29	Base	2	8319
11	Nut, Impeller, Cap	1	8324	30	Bolt, Engine to Base	4	6057
12	Washer, Impeller	1	6056	31	Washer, Lock, Engine to Base	4	6049
13	Key, Impeller	1	6066	32	Hose	1	6876
14	Bolt, Adapter to Body	4	6057	33	Clamp, Hose	2	8323
15	Lock Washer, Adapter to Body	4	6049	39	Nut, Engine to Base	4	6048
16	Bolt, Adapter to Engine	4	6232	44	Nipple	1	7193
17	Lock Washer, Adapter to Engine	4	6291	47	Base Handle	2	8322
18	Plug, Pipe	1	6270				