

OPERATING INSTRUCTIONS

for

115P 2½-1 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.

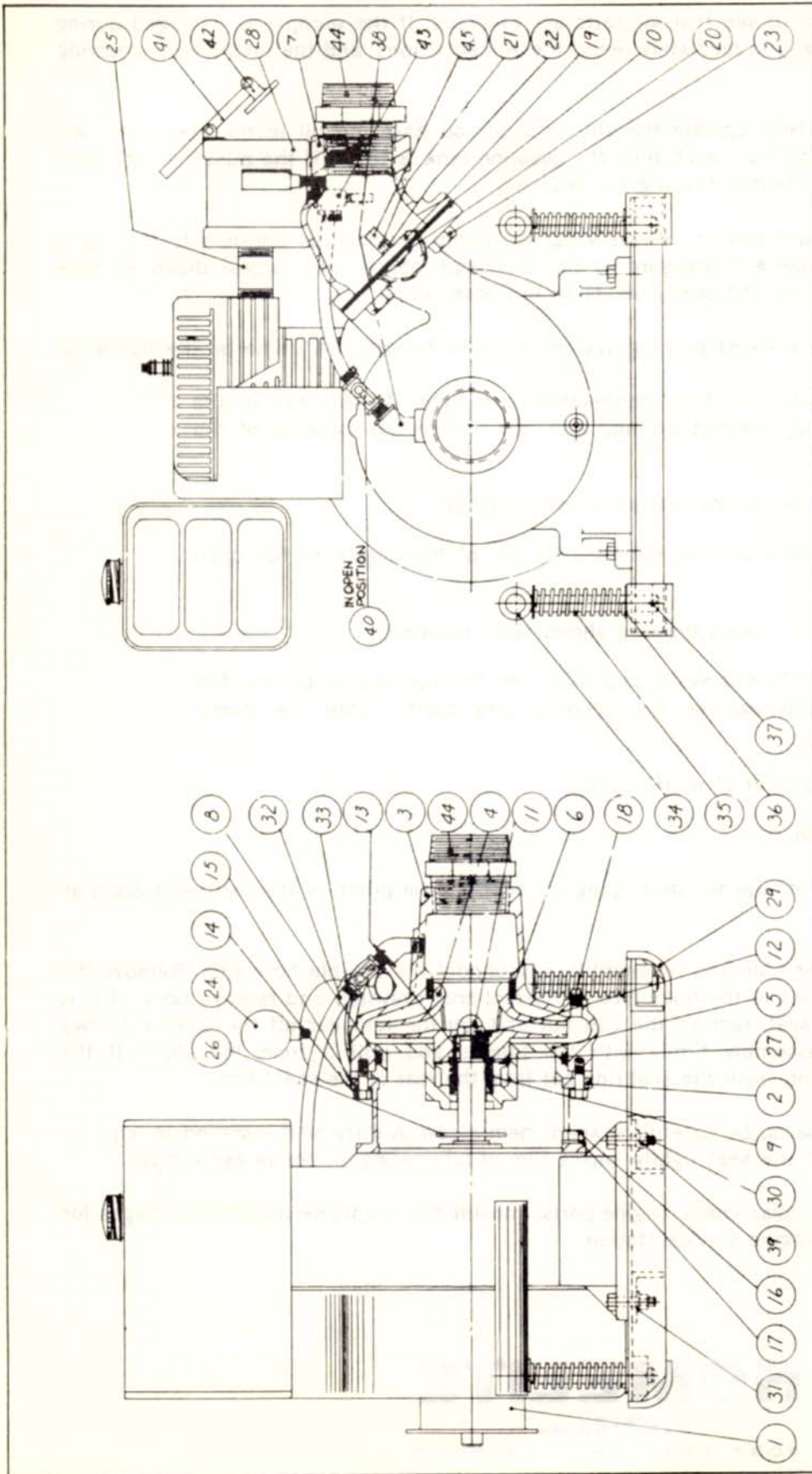
For engine overhaul work and replacement engine parts, consult the telephone book Yellow Pages for your nearest Briggs & Stratton engine service station.

HOMELITE

A **Textron** DIVISION

PORT CHESTER, NEW YORK

PARTS LIST



| Ref. No. | Description | Quan. | Part No. | Ref. No. | Description | Quan. | Part No. | Ref. No. | Description | Quan. | Part No. |
|----------|------------------------------|-------|----------|----------|--------------------------------|-------|----------|----------|------------------------------|-------|----------|
| 1 | Engine | 1 | 6180 | 16 | Bolt, Adapter to Engine | 4 | 6232 | 30 | Bolt, Engine to Base | 4 | 6057 |
| 2 | Adapter | 1 | 6621 | 17 | Lock Washer, Adapter to Engine | 4 | 6291 | 31 | Washer, Lock, Engine to Base | 4 | 6049 |
| 3 | Body | 1 | 6844 | 18 | Plug, Pipe | 1 | 6270 | 32 | Hose | 1 | 6876 |
| 4 | Impeller | 1 | 6843 | 19 | Check Valve, Weight Large | 1 | 6896 | 33 | Clamp, Hose | 2 | 6877 |
| 5 | Plate, Seal | 1 | 6622 | 20 | Check Valve, Weight Small | 1 | 6343 | 34 | Base Handle | 4 | 6888 |
| 6 | Bearing, Body, Bronze | 1 | 6886 | 21 | Carriage Bolt, Check Valve | 1 | 6357 | 35 | Spring, Base Handle | 4 | 6889 |
| 7 | Body, Check Valve | 1 | 6845 | 22 | Nut, Carriage Bolt Check Valve | 1 | 6347 | 36 | Washer, Base Handle | 4 | 6056 |
| 8 | "O" Ring | 1 | 6637 | 23 | Bolt, Valve Body | 4 | 6077 | 37 | Pin, Base Handle | 4 | 6619 |
| 9 | Seal, Shaft | 1 | 6007 | 24 | Gauge, Pressure | 1 | 6915 | 38 | Elbow, 45° Street | 1 | 6885 |
| 10 | Valve, Check | 1 | 6895 | 25 | Nipple | 1 | 6879 | 39 | Nut, Engine to Base | 4 | 6048 |
| 11 | Nut, Impeller, Cap | 1 | 6065 | 26 | Slinger | 1 | 6445 | 40 | Valve | 1 | 6893 |
| 12 | Washer, Impeller | 1 | 6056 | 27 | Bushing, Impeller | 1 | 6894 | 41 | Handle | 1 | 6916 |
| 13 | Key, Impeller | 1 | 6066 | 28 | Muffler | 1 | 6849 | 42 | Cap | 1 | 6917 |
| 14 | Bolt, Adapter to Body | 4 | 6057 | 29 | Base | 1 | 6887 | 43 | Venturi | 1 | 6939 |
| 15 | Lock Washer, Adapter to Body | 4 | 6048 | | | | | 44 | Nipple - 2 1/2 NPTXNHT | 2 | 7179 |
| | | | | | | | | 45 | Check Valve Stop | 1 | 7145 |