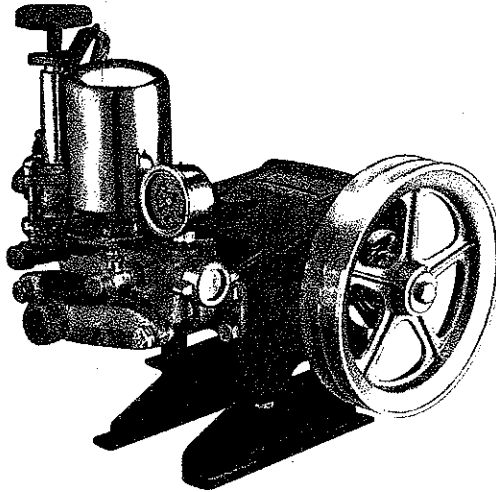
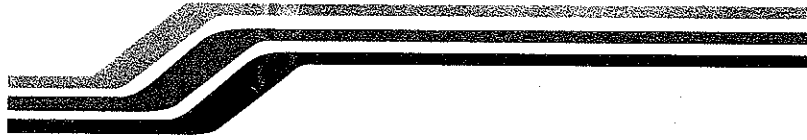


POWER SPRAYER

OPERATION SPECIFICATION



SPARE PARTS LIST WITH DRAWING

3WZ-16-18-22-25-28-30-40-45-50-60-80-100-120-150-180W

Attention!

To keep the sprayer perfect in performance, please follow the instruction printed in this page.

A. Operation Instruction

1. Check every fastener and make sure that the sprayer and the motor are installed firmly on the frame.
2. Set the two pulleys in a straight line, and the belt in an appropriate tightness.
3. Every joint of the hoses must be tightened to prevent from leaking.
4. Before starting the motor, shut off the (57) Cock (Valve) , loose the (59) Pressure Adjusting Screw and pull the (72) Pressure Adjuster to the top.
5. Start the motor to power the sprayer, keep a proper revolution. Press the (72) Pressure Adjuster to the bottom. Keep the pressure around 21-35Kgs. By adjusting the (59) Pressure Adjusting Screw.
6. Open the (57) Cock (Valve) to start spraying.
7. After the spraying is over, pull the (72) Pressure Adjuster to the top and operate the sprayer with fresh water to clean out the remaining chemicals.

B. Pump Lubrication

1. Replace the engine oil after the sprayer has been used for the first 10 hours, 50 hours, and thence every 70 hours.
2. Drain away the dirty engine oil by screwing off the (14) Drain Plug.
3. After the (14) Drain Plug is screwed on, remove the (2) oil Inlet Cover and refill #30-40 clean engine oil.
4. Keep the oil level at 2 / 3 of the (13) oil Gauge.
5. Always fill the (36) Grease Cups with grease. Screw on the (36) Grease Cups 2-3 cycles every 2 hours of spraying.

C. Trouble Shooting

a. Feeding Failure & Pressure Instability

1. Check whether the (92) Suction Hose is leaking or is stuck.
2. Open the (57) Cock (valve) to release the surplus air.
3. Remove the (45) Suction Chamber and the (51) Water Outlet Chamber check if the (39) Valve Assembly are stuck or damaged.

b. Pressure Insufficiency

1. Check whether the pressure has been adjusted properly.
(refer to the operation instruction No. 5)
2. Check whether the belt is too loose.
3. Check whether the Spray Hose and the couplings are broken and damaged.

c. Cylinder Leakage

1. Remove the (25) Gland cover and wind up the (31) Adjusting Rings.
2. If still in vain, replace the (34) V-packings in the (37) Cylinder.

Remark: () indicates the " part number " of relative part.

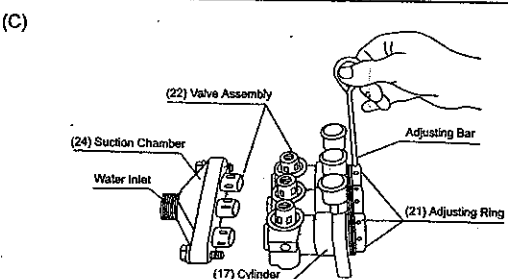
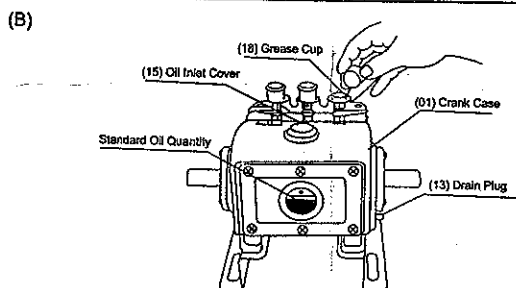
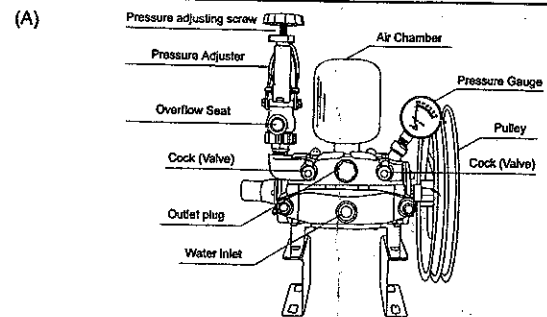
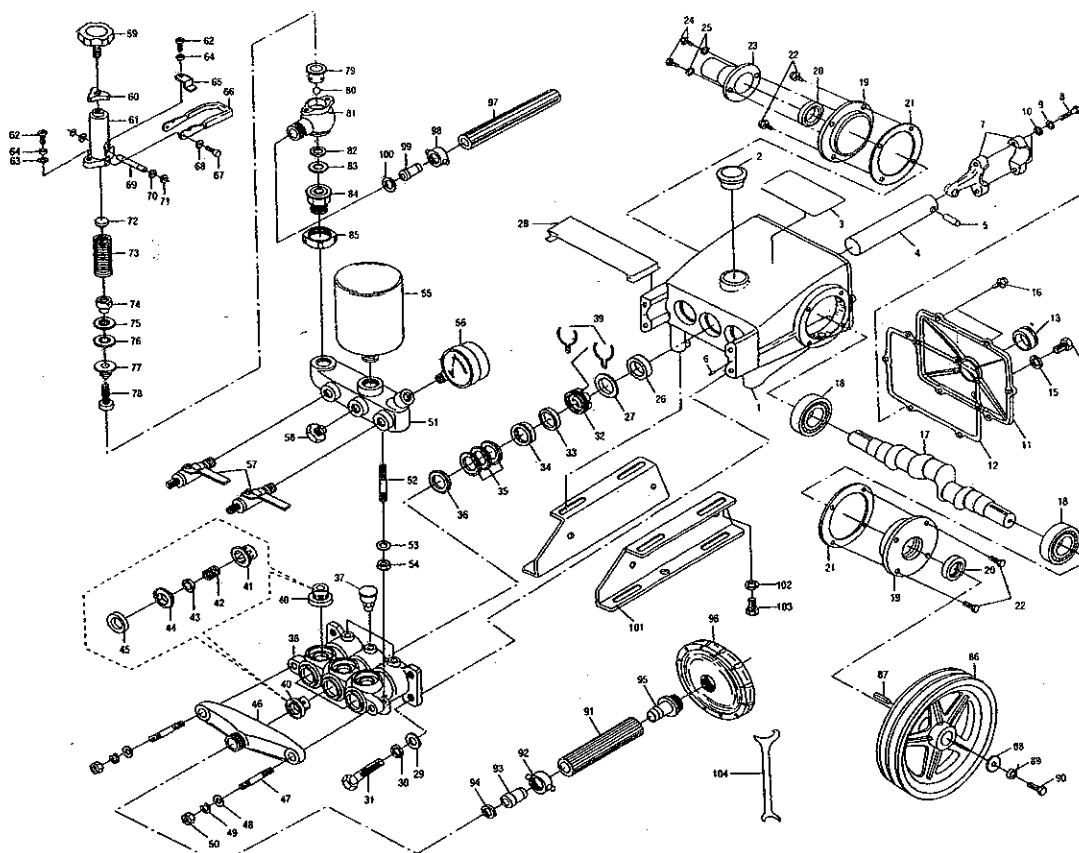


DIAGRAM OF THE POWER SPRAYER



PARTS LIST

REF.	DESCRIPTION	REF.	DESCRIPTION	REF.	DESCRIPTION
1	Crank case	36	V-packing seat	71	E-ring
2	Oil inlet cover	37	Grease cup	72	Upper metal
3	Name plate	38	Cylinder	73	Regulation spring
4	Plunger	39	Set clip	74	Spring seal
5	Plunger pin	40	Valve assembly	75	Packing holder
6	Fixing pin	41	Spring box	76	Spindle packing
7	Connecting rod	42	Valve spring	77	Oil seal
8	Bolt	43	Stopper	78	Spindle
9	Washer	44	Valve seat	79	Spindle cap
10	Plain washer	45	Valve seal	80	Steel ball
11	Crank case cover	46	Suction chamber	81	Over flow seat
12	Washer	47	Bolt	82	Overflow valve seat
13	Oil gauge	48	Plain washer	83	washer
14	Drain plug	49	Spring washer	84	Flange
15	Washer	50	Nut	85	Lock nut
16	Screw	51	Water outlet chamber	86	V-pulley
17	Crank shaft	52	Bolt	87	Key
18	Ball bearing	53	Plain washer	88	Plain washer
19	Ball bearing case	54	Nut	89	Spring washer
20	Crank shaft oil seal	55	Air chamber	90	Bolt
21	Washer	56	Pressure gauge	91	Suction hose
22	Bolt	57	Cock (valve)	92	Wing nut
23	Crank shaft cover	58	Outlet plug	93	Male joint
24	Screw	59	Pressure adjusting screw	94	Suction packing
25	Plain washer	60	Fly nut	95	Strainer joint
26	Check ring	61	Spring box	96	Suction strainer assembly
27	Plunger oil seal	62	Screw	97	Overflow hose
28	Dust cover	63	Plain washer	98	Wing nut
29	Plain washer	64	Spring washer	99	Male joint
30	Spring washer	65	Level	100	Overflow packing
31	Bolt	66	Pressure adjuster	101	Crank case base
32	Adjusting ring	67	Bolt	102	Spring washer
33	Grease seal	68	Plain washer	103	Bolt
34	Grease ring	69	Pin	104	Adjusting handle
35	V-packing	70	Plain washer		