



* Plunger seal kit when the low pressure packing is preloaded into the cup retainer.

** Plunger seal kit when the low pressure packing is not preloaded into the cup retainer.

Parts List for Models 2220B-P, 2221B-P, 2230B-P, 2231B-P, 2220A-P, 2221A-P,

2230A-P and 2231A-P

Ref. No.	Qty. Reqd.	Part Number	Description
1	4	2404-0302	Valve cap (aluminum)
1	4	2404-0300	Valve cap (brass)
2	4	1720-0205	O-ring
3	1 Set	3430-0506	Valve kit-STD (stainless steel) Consists of: 4 valve assemblies (Ref. A), 4 o-rings (Ref. B)
4	4	2220-0051	Socket head capscrew
4	4	2220-0101	Socket head capscrew (stainless steel)
5	1	0201-2200B	Head (brass)
5	1	0201-2200A	Head (aluminum)
6	2 Sets	3430-0514	Plunger kit Consists of: 1 o-ring, 1 ceramic plunger (Ref. C), 1 backup seal, 1 slinger ring
7	1 Set	3430-0243	Solid shaft base kit Consists of: 2 bases (Ref. I), 4 hex head capscrews (Ref. J)
7	1 Set	3430-0244	Hollow shaft base kit Consists of: 1 base (Ref. L), 2 rubber bumpers (Ref. K), 2 hex head cap screws (Ref. M)
8	1 Set	3430-0505	Plunger seal kit (Buna-N, standard) Consists of: 4 U-cups (Ref. D), 2 o-rings (Ref. E), 2 seal rings (Ref. F), and backup rings (Ref. G)
8	1 Set	3430-0501	Plunger seal kit (Viton) Consists of: 4 U-cups (Ref. D), 2 o-rings (Ref. E), 2 seal rings (Ref. F), and backup rings (Ref. G)
8	1 Set	3430-0521*	Plunger seal kit, loaded (Buna-N standard) Consists of: 4 U-cups (Ref. D), 2 o-rings (Ref. E), 2 seal rings (Ref. F) 2 backup rings (Ref. G), and 2 cup retainers (Ref. 33)
8	1 Set	3430-0518*	Plunger seal kit, loaded (Viton) Consists of: 4 U-cups (Ref. D), 2 o-rings (Ref. E), 2 seal rings (Ref. F), 2 backup rings (Ref. G), and 2 cup retainers (Ref. 33)
8	1 Set	3430-0524*	Plunger seal kit, loaded (aluminum head) Consists of: 4 U-cups (Ref. D), 2 o-rings (Ref. E), 2 seal rings (Ref. F), 2 backup rings (Ref. G), and 2 cup retainers (Ref. 33)
9	1 set	3430-0498	Oil seal repair kit Consists of: 2 inserts (Ref. 10), 2 oil seals (Ref. 11), 2 o-rings (Ref. 12)
10	2	0713-2300A	Insert
11	2	2102-0038	Oil seal
12	2	1720-0206	O-ring

Ref. No.	Qty. Reqd.	Part Number	Description
13	2	1760-0005	Backup seal
14	2	1720-0033	O-ring
15	2	3500-0068	Plunger rod
16	2	2270-0058	Slinger ring
17	1	0102-2200A	Crankcase
18	12	2220-0041	Socket head capscrew
19	1	0704-2200A	Endplate
20	1	2406-0019	Drain plug
21	2	1720-0131	O-ring
22	2	2007-0059	Needle bearing
23	2	2404-0299	Wrist pin
24	2	0501-8600A	Connecting rod
25	2	3270-0065	Spring retainer
26	1	1720-0136	O-ring
27	1	0713-2200A	Cover, crankcase
28	1	2630-0018	Sight glass
29	1	1720-0202	O-ring
30	1	1800-0016	Retainer
31	1	1720-0209	O-ring
32	1	2630-0008	Dipstick
32	1	2404-0188	Shipping plug (solid)
33	2	1830-0163	Cup retainer (brass head)
33	2	1830-0164	Cup retainer (aluminum head)
34	1	0501-8631F	Crankshaft (Model 2231B-P)
34	1	0501-8620F	Crankshaft (Model 2220B-P)
34	1	0501-8630F	Crankshaft (Model 2230B-P)
34	1	0501-8621F	Crankshaft (Model 2221B-P)
35	1	1610-0007	Key (solid shaft)
36	1	0702-2200A	End cover (solid shaft)
36	1	0703-2200A	End cover (5/8" hollow shaft)
37	1	2102-0014	Shaft seal (solid shaft)
38	2	2250-0051	Retaining nut
39	4	2270-0079	Lock washer
40	1	0708-2200A	C-flange end cover (5/8" hollow shaft)
41	1	0709-2200A	Gas engine end cover (5/8" hollow shaft)
41	1	0712-2200A	Gas engine end cover (3/4" hollow shaft)
42	1	1610-0011	Key (hollow shaft)
43	1	2102-0015	Seal (5/8" hollow shaft)
43	1	2102-0022	Seal (3/4" hollow shaft)
44	1	2007-0047	Bearing (5/8" hollow only)
44	1	2007-0051	Bearing (3/4" hollow only)
45	2	2230-0017	Set screw
46	4	2210-0020	Bolt
47	4	2210-0081	Bolt
48	1	0551-8620F	Crankshaft (Model 2220B-P)
48	1	0551-8630F	Crankshaft (Model 2230B-P)
48	1	0552-8621F	Crankshaft (Model 2221B-P)
48	1	0552-8631F	Crankshaft (Model 2231B-P)
48	1	0553-8631F	Crankshaft (Model 2231-C only)
49	1	2265-0010	Thrust washer (-C only)

* Plunger seal kit with low pressure packing preloaded into the cup retainer.