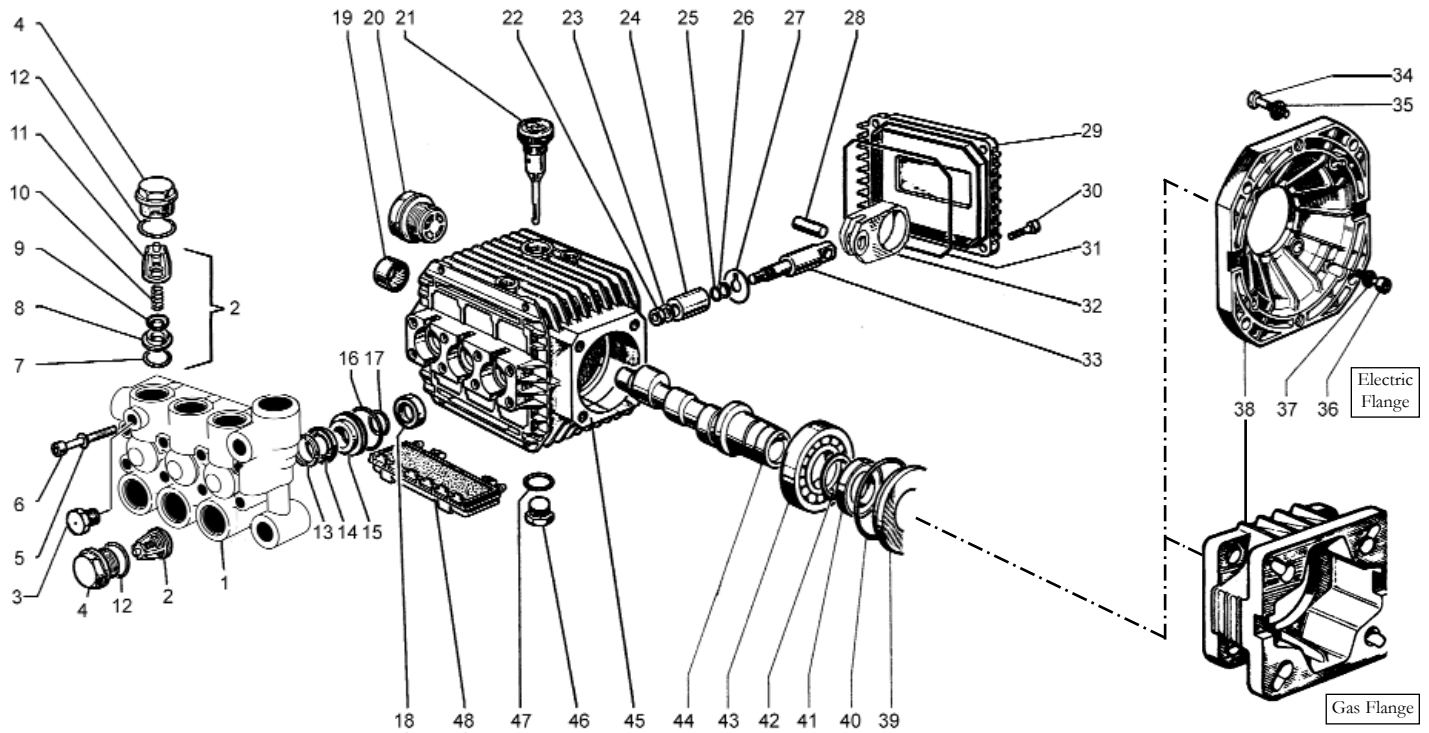


TP Series (Gas / Electric)

This pump uses 30 wt. oil



PARTS LIST

Pos.	Code	Description	Kit No.	Qty	Pos.	Code	Description	Kit No.	Qty
1	51120141	Manifold, Brass		1	25	90357200	O-ring		3
2	N/A	Valve assy, complete	K123	6	26	90502200	Anti-Ext ring		3
3	98204100	Plug 1/4 x 9 G		2	27	96707000	Flinger washer		3
4	98221600	Valve plug		6	28	N/A	Wrist pin		3
5	96693800	Washer		8	29	51160022	Back cover		1
6	99194300	Head bolt		8	30	99186700	Screw		4
7	N/A	O-ring	K123	6	31	N/A	O-ring	K100859	1
8	N/A	Valve seat	K123	6	32	N/A	Connecting rod, TP		3
9	N/A	Valve poppet	K123	6	33	N/A	Piston guide		3
10	N/A	Valve spring	K123	6	34	N/A	Screw		4
11	N/A	Valve cage	K123	6	35	N/A	Washer		4
12	90384700	O-ring		6	36	99186700	Screw		4
13	N/A	Head-ring 15mm	K97	3	37	96693800	Washer		4
14	N/A	HP Packing 15mm	K97	3	38	10034422	Flange, Electric		1
15	51080070	Retainer 15mm		3		10034622	Flange, Gas		1
16	N/A	O-ring	K97	3	39	N/A	Spacer		1
17	N/A	LP seal	K97	3	40	N/A	O-ring	K100859	1
18	N/A	Oil seal	K100859	3	41	N/A	Seal	K100859	1
19	N/A	Needle bearing		1	42	N/A	Clip		1
20	97596800	Sight glass		1	43	N/A	Bearing		1
21	98210300	Dipstick		1	44	N/A	Crankshaft		1
22	92221600	Nut		3	45	N/A	Crankcase, TP		1
23	96700800	Copper washer		3	47	90383300	O-ring	K100859	1
24	51040009	Plunger 15mm		3	48	51209051	Shield		1

REPAIR KITS

Kit No.	K123	K97	K100859
Item No.s Included In Kit	7,8,9, 10,11, (2)	13,14, 16,17	18,31,40, 41,47
Number Of Assemblies In Kit	6	3	-
Description	Valve kit	Seal kit	Oil seal kit

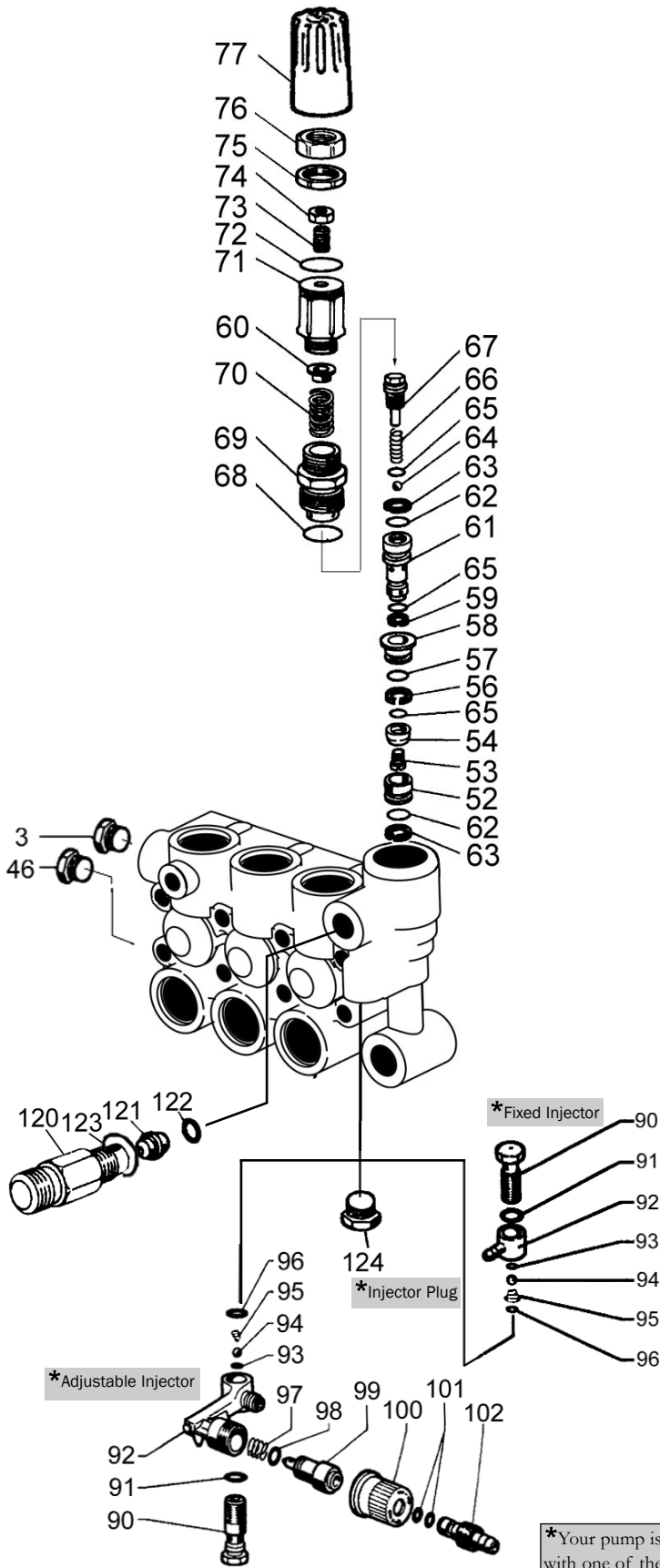
TORQUE SPECS*

Position	Ft.- lbs
3	9.6
4	60.0
6	8.8
20	13.2
22	11.0
30	7.3
34	14.7
36	7.3
46	29.4

*Decrease torque by 20% if threads are lubricated.

UI Manifold (TP Series)

PARTS LIST



Pos.	Code	Description	Kit No.	Qty
3	98204100	Plug, 1/4		1
46	98210000	Plug, 3/8		2
52	N/A	Seat	K102	1
53	N/A	Screw	K102	1
54	N/A	Spherical Valve	K102	1
56	N/A	Anti-Ext ring	K102	1
57	N/A	O-ring	K102	1
58	N/A	Guide	K102	1
59	N/A	Anti-Ext ring	K102	1
60	36316970	Spring plate		1
61	N/A	Piston	K102	1
62	N/A	O-ring	K102	2
63	N/A	Anti-Ext ring	K102	2
64	N/A	Ball	K102	1
65	N/A	O-ring	K102	3
66	N/A	Spring	K102	1
67	N/A	Stem	K102	1
68	N/A	O-ring	K102	1
69	N/A	Guide	K102	1
70	94743600	Spring		1
71	36318570	Regulator knob		1
72	90359800	O-ring		1
73	99305400	Set screw, M8		1
74	92221800	Nut, M8		1
75	92293500	Lock nut		1
76	36318670	Lock sleeve		1
77	36322151	Handle		1
90	36256370	Banjo bolt, Injector		1
91	N/A	O-ring	K94	1
92	36318151	Adj Injector		1
	36260451	Fixed Injector		1
93	N/A	O-ring	K94	1
94	N/A	Ball	K94	1
95	N/A	Conical spring	K94	1
96	N/A	O-ring	K94	1
97	N/A	Spring	K94	1
98	90358000	O-ring	K94	1
99	36256470	Shutter		1
100	36256551	Knob		1
101	90357000	O-ring	K94	2
102	36256670	Hose barb		1
120	10014770	M22 Nipple		1
121	10015166	Nozzle 2.0mm (w/injector only)		1
	10007666	Nozzle 2.2mm (w/injector only)		1
122	90382200	O-ring(w/injector only)	K94	1
123	90383200	O-ring	K94	1
124	98205700	Plug, injector M14 x1.5		1

REPAIR KITS

Kit No.	K94 (Injector)	K102 (Unloader)
Item No's included in kit	91,93,94,95, 96,97,98,101, 122,123	52,53,54,55,56, 57,58,59,61,62,63, 64,65,66,67,68,69
Qty	1	1

*Your pump is equipped with one of these 2 types of injectors or a plug.