

## P54W, P58W & P59W PUMP PARTS LIST

A= P54W    B= P58W    C= P59W

<u>ITEM</u>	<u>PART</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>ITEM</u>	<u>PART</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	07180	Crankcase	1	32	07768	Support Ring (A)	3
2	07181	Vent/Filler Plug with Seal	1	32	07929	Pressure Ring (B)	3
3	07183	Crankcase Cover	1	32	06253	Support Ring (C)	3
4	07184	O-Ring	1	33	07769	Support Ring (A)	3
5	07185	Oil Dipstick Assembly	1	33	12124	Support Ring (B)	3
6	01009	O-Ring	1	34	07492	Valve Retainer (A,B)	6
7	07186	Oil Sight Glass Assembly	1	34	07326-0100	Valve Retainer (C)	6
9	07188	Cylinder Screw with Slot	4	35	07906	Valve Spring (A,B)	6
10	07223-0100	Spring Washer	4	35	07312-0100	Valve Spring (C)	6
11	07190	Oil Drain Plug	2	36	05542	Valve Plate (A,B)	6
12	07192	Bearing Cover	2	36	07327	Valve Plate (C)	6
13	07193	O-Ring	2	37	05541	Valve Seat (A,B)	6
14	01166	Radial Shaft Seal	2	37	06014	Valve Seat (C)	6
15	07760	Cylinder Roller Bearing	2	38	07770	O-Ring (A,B)	6
15A	06245	Shim 0.2mm	1	38	06015	O-Ring (C)	6
15B	06330	Shim 0.1mm	1	39	07771	Seal Case (A)	3
16	07196A	Countersunk Screw	6	39	12125	Seal Case (B)	3
17	05375	Shaft Protector	1	39	13386	Seal Case (C)	3
18	13330	Crankshaft	1	40	07489	O-Ring (A)	6
19	13331	Fitting Key	1	40	07489	O-Ring (B)	3
20	07199	Connecting Rod Assembly	3	40	07234	O-Ring (C)	6
22	07777A	Crosshead Assembly	3	40A	12126	O-Ring (B Only)	3
23	01031	Crosshead Pin	3	43	07772	Plug (A,B)	3
24	07763	Crosshead/Plunger Assy. (A)	3	43	07213	Plug (C)	3
24	13332	Crosshead/Plunger Assy. (B)	3	44	07035	O-Ring (A,B)	3
24	13382	Crosshead/Plunger Assy. (C)	3	44	07214	O-Ring (C)	3
24A	07778	Plunger Pipe (A)	3	45	07773	Inner Hexagon Screw	4
24A	07021	Plunger Pipe (B)	3	46	07774	Inner Hexagon Screw (A,B)	2
24A	13383	Plunger Pipe (C)	3	46	13388	Inner Hexagon Screw (C)	2
24B	08456	Tension Screw	3	48	07775	Intermediate Casing (A)	1
24C	07676	Copper Gasket	3	48	12127	Intermediate Casing (B)	1
25	06648	Oil Scraper	3	48	13389	Intermediate Casing (C)	1
26	07206	Radial Shaft Seal	3	49	01009	O-Ring	1
26A	07764	Spacer Sleeve	3	50	07767	Automatic Seal Ring (A)	3
29	07765	Valve Casing (A, B)	1	50	08477	Grooved Seal (B)	3
29	13384	Valve Casing (C)	1	50	13390	Grooved Seal (C)	3
30	07766	Pressure Ring (A)	3	52	13338	Plug, 3/8" BSP (A,B)	3
30	12123	Pressure Ring (B)	3	52	07109	Plug, 1/2" BSP (C)	3
30	13385	Pressure Ring (C)	3	52A	12007	O-Ring (A,B)	2
31	07767	Automatic Seal Ring (A)	3	52A	07182	Gasket (C)	2
31	08477	Grooved Seal (B)	3	58	08486	Copper Crush Washer (A,B)	1
31	06250	Automatic Seal Packing (C)	3				

## P54W, P58W & P59W REPAIR KITS

### Seal Kits

<b>P54W</b>		<b># 09167</b>	
<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
31 & 50	07767	Automatic Seal Ring	6
32	07768	Support Ring	3
40	07489	O-Ring	6
49	01009	O-Ring	1
<b>P58W</b>		<b># 09238</b>	
<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
31 & 50	08477	Grooved Seal	6
32	07929	Support Ring	3
40	07489	O-Ring	3
40A	12126	O-Ring	3
49	01009	O-Ring	1
<b>P59W</b>		<b># 09317</b>	
<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
31	06250	Automatic Seal Ring	3
32	06253	Support Ring	3
40	07234	O-Ring	6
49	01009	O-Ring	1
50	13390	Grooved Seal	3

### Valve Assembly Kits

<b>P54W &amp; P58</b>		<b># 09168</b>	
<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
34	07492	Tension Cap	6
35	07906	Valve Spring	6
36	05542	Valve Plate	6
37	05541	Valve Seat	6
38	07770	O-Ring	6
<b>P59</b>		<b># 09318</b>	
<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
34	07326-0100	Tension Cap	6
35	07312-0100	Valve Spring	6
36	07327	Valve Plate	6
37	06014	Valve Seat	6
38	06015	O-Ring	6
<b>Oil Seal Kit</b>		<b>#09202</b>	
<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
26	07206	Radial Shaft Seal	3

## P54W, P58W & P59W TORQUE SPECIFICATIONS

Position	Thread	Lubrication Info.	Torque Amount
7	1" BSP	Loctite 5910	106 in.-lbs. (12 Nm)
9	M6		88 in.-lbs. (10 Nm)
11	1/4" BSP		22 ft. lbs. (30 Nm)
16	M8		132 in.-lbs (15 Nm)
20	M6		106 in.-lbs. (12 Nm)
24B	M8	Loctite 243	200 in.lbs. (22.5 Nm)
24C		Loctite 243	
43 (P54W/P58W)	3/4" BSP	Loctite 243	51 ft.-lbs. (70 Nm)
43 (P59W)	M30 x 1.5		51 ft.-lbs. (70 Nm)
45	M10		36 ft.-lbs. (49 Nm)
46	M8		221 in.-lbs. (25 Nm)