Parts List

LP301A/LP301A-SSP/LP301A-4000/LP600/LP600-4000

ITEM	PART	DESCRIPTION	QTY
1	07759	Crankcase	1
2	13000	Oil Filler Plug Assembly	1
3	05940	Cover Plate	1
3A	07223-0100	Spring Ring	2
3B	05051	Hexagon Screw	2
4	06085	Crankcase Cover	1
5	07104	O-ring, Crankcase Cover	1
6	05943	Oil Sight Glass w/Gasket	1
8	06086	Oil Dipstick Assembly	1
9	01009	O-Ring For Dipstick	1
10	01010	Cylinder Screw (LP600/LP301A)	4
10	01010-0100	Cylinder Screw, 316 S.S. (LP600-4000/LP301A-4000)	4
11	01011-0400	Spring Ring (LP600/LP301A)	5
11	01011-0100	Spring Ring, 316 S.S. (LP600-4000/LP301A-4000)	5
12	07109	Plug, G1/2” (LP600/LP301A)	1
12	07109-0400	Plug, G1/2”, 316 S.S. (LP600-4000/LP301A-4000)	1
13	06015	O-Ring	1
14	07111	Bearing Cover	2
15	07112	Radial Shaft Seal	2
16	07113	O-Ring for Bearing Cover	2
17	07114	Hexagon Screw (LP600/LP301A)	8
17	07114-0100	Hexagon Screw, 316 S.S (LP600-4000/LP301A-4000)	8
20	07116	Taper Roller Bearing	2
20A	07117	Shim, 0.1 mm	1-3
20B	13001	Shim, 0.15 mm	1-3
20C	04491	Shim, 0.2 mm (May not be present)	1-3
21	05376	Shaft Protector	1
21A	05377	Shaft Guard Holder	1
22	13242	Crankshaft	1
23	13243	Key	1
24	13340	Connecting Rod Assembly	3
24A	13277	Inner Hex Screw	6
24B	13278	Spring Washer	6
25	13341	Crosshead Assembly	3
28	13232	Crosshead Pin	3
29A	07125	Centering Sleeve	3
29B	07126	Plunger Pipe (LP600/LP600-4000)	3
29B	07127	Plunger Pipe (LP301A/LP301A-4000)	3
29B	07127-SS	Hard Metal Plunger (LP301A-SSP)	3
29C	13031	Tensioning Screw	3
29D	07755	Copper Ring (LP600/LP301A/LP301-SSP)	3
29D	07161A-0100	Crush Washer (LP600-4000/LP301A-4000 only)	3
30	07779	Oil Scraper	3
31	07133	Oil Seal	3
35	13235	Seal Sleeve (LP600/LP600-4000)	3
35	13364	Seal Sleeve (LP301A/LP301A-4000)	3
36	13237	Leakage Seal (LP600/LP600-4000)	3
36	13238	Leakage Seal (LP301A/LP301A-4000)	3
37	13239	Seal Case (LP600/LP600-4000)	3
37	13240	Seal Case (LP301A/LP301A-4000)	3
38	07140	O-Ring, Seal Case	3
38A	13241	Support Ring for 38	3
39	13012	O-Ring (LP600/LP600-4000)	3
39	12055	O-Ring (LP301A/LP301A-4000)	3
39A	13036	Support Ring for 39 (LP600/LP600-4000)	3
39A	07693	Support Ring for 39 (LP301A/LP301A-4000)	3
40	07322	V-Sleeve (LP600/LP600-4000)	3
40	06083	V-Sleeve (LP301A/LP301A-4000)	6
40A	07268	Pressure Ring (LP600)	3
40A	07268-0100	Pressure Ring, 316 S.S. (LP600-4000)	3
40A	13366	Pressure Ring (LP301A)	3
40A	13366-0100	Pressure Ring, 316 S.S (LP301A-4000)	3
40B	07270	Support Ring for 40 (LP600)	3
40B	07270-0100	Support Ring for 40, 316 S.S. (LP600-4000)	3
40B	13367	Guide Ring for 40 (LP301A)	3
40B	13438	Guide Ring for 40, 316 S.S. (LP301A-4000)	3
40C	07322-0020	Sleeve, Teflon (LP600/LP600-4000)	3
41	07338	Pressure Spring (LP301A/LP301A-4000 Only)	3
43	13040	Valve Casing	1
44A	07150	O-Ring	9
44B	06266	Support Ring for O-Ring	3
45	06078	Compression Spring	3
46	08286	Valve Assy.,Complete, 46A-E (LP600/LP600-4000)	6
46	07060	Valve Assy., Complete, 46A-D (LP301A/LP301A-4000)	6
46A	07064	Valve Seat (LP301A/LP301A-4000)	6
46A	07064-0100	Valve Seat (LP600/LP600-4000)	6
46B	13130	Valve Plate (LP600/LP600-4000)	6
46B	07063	Valve Plate (LP301A/LP301A-4000)	6
46C	07062-0100	Valve Spring	6
46D	07066	Spacer Pipe (LP301A/LP301A-4000)	6
46D	05472	Spacer Pipe (LP600/LP600-4000)	6
46E	05473	Valve Spring Guide (LP600/LP600-4000)	6
48	06077	Plug	3
49	07157	Stud bolt	8
49A	07158	Hexagon Nut	8
49B	07159	Disc	8
50	12250	Plug, 1/2” BSP, S.S. (LP301A/LP301A-4000 Only)	1
50A	06807	Steel Ring	1
52	13020	Disc for Crankshaft	1
53	04561	Hexagon Screw	1
54	13044+	Plug, 1” BSP	1
55	13151+	Plug, 1-1/4” BSP	1
	05445*	Crankcase Assembly (LP301A/LP600) (1-29A/30-31/49A-B/52/53)	
	04868*	Plunger Replacement Kit (LP600) (29B-D/35-40C)	
	04869*	Plunger Replacement Kit (LP301A) (29B-D/35-41)	
	05437*	Pump Head Assembly (LP600) (43-48/54/55)	
	04533*	Pump Head Assembly (LP301A) (43-48/54/55)	

*For LP301A-4000 or LP600-4000, add “-0100” to the part number

Repair Kits

LP301A/LP301A-SSP/LP301A-4000/LP600/LP600-4000

Plunger Packing Kits

LP301A - # 09459

For pumps manufactured on or after 4/96

Item	Part #	Description	Qty.
36	13238	Leakage Seal	3
38	07140	O-Ring	3
38A	13241	Support Ring	3
39	12055	O-Ring	3
39A	07693	Support Ring	3
40	06083	V-Sleeve	6

LP301A-4000 - # 09459-4000

Item	Part #	Description	Qty.
36	13238	Leakage Seal	3
38	07140	O-Ring	3
38A	13241	Support Ring	3
39	12055	O-Ring	3
39A	07693	Support Ring	3
40	06083	V-Sleeve	6

LP600 - # 09197

Item	Part #	Description	Qty.
36	13237	Leakage Seal	3
38	07140	O-Ring	3
38A	13241	Support Ring	3
39	13012	O-Ring	3
39A	13036	Support Ring	3
40	07322	V-Sleeve	3
40C	07322-0020	Sleeve, Teflon	3

LP600-4000 - # 09197-4000

Item	Part #	Description	Qty.
36	13237	Leakage Seal	3
38	07140	O-Ring	3
38A	13241	Support Ring	3
39	13012	O-Ring	3
39A	13036	Support Ring	3
40	07322	V-Sleeve	3
40C	07322-0020	Sleeve, Teflon	3

Valve Kits

LP301A/LP301A-4000 - # 09196

Item	Part #	Description	Qty.
44A	07150	O-Ring	9
44B	06266	Support Ring	3
46A	07064	Valve Seat	3
46B	07063	Valve Plate	3
46C	07062-0100	Valve Spring	3

LP301A/LP301A-4000 - # 09196A

Item	Part #	Description	Qty.
44A	07150	O-Ring	9
44B	06266	Support Ring	3
46A	07064	Valve Seat	6
46B	07063	Valve Plate	6
46C	07062-0100	Valve Spring	6

LP600/LP600-4000 - # 09195

Item	Part #	Description	Qty.
44A	07150	O-Ring	6
44B	06266	Support Ring	3
46A	07064-0100	Valve Seat	3
46B	13130	Valve Plate	3
46C	07062-0100	Valve Spring	3

LP600/LP600-4000 - # 09195A

Item	Part #	Description	Qty.
44A	07150	O-Ring	9
44B	06266	Support Ring	3
46A	07064-0100	Valve Seat	6
46B	13130	Valve Plate	6
46C	07062-0100	Valve Spring	6

Oil Seal Kit - # 09577

Item	Part #	Description	Qty.
31	07133	Oil Seal	3