

## Parts List - GP8155GBHS/GP8160GBHS/GP8165GBHS

<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	03300	Crankcase	1	45	05279	Seal Tension Spring, GP8155	3
2	06893	Oil Filler Plug Assembly with Vent	1	45	05071	Seal Tension Spring, GP8160	3
3	05652	Rear Foot for Crankcase	2	45	05119	Seal Tension Spring, GP8165	3
4	05653	Front Foot for Crankcase	2	49	05072	Stud Bolt	8
5	05654	Hexagon Socket Screw	4	49A	05073	Hexagon Nut	8
6	05655	Hexagon Socket Screw	4	50	05074	Valve Casing,	
7	05656	Plug, 3/8" for Oil Dipstick	1			GP8155/GP8160/GP8165	1
8	04185	Oil Dipstick Assembly	1	50	05074-3000	Valve Casing, (-1000 versions)	1
9	01009	O-Ring	1	50A	13162	Centering Stud	2
10	05657	Plug, M33 X 1.5	1	50B	05075	Discharge Casing,	
11	07102	O-Ring	1			GP8155/GP8160/GP8165	1
12	12256	Plug 3/8" BSP	3	50B	05075-3000	Discharge Valve Casing,	
13	22929	Copper Washer	4			(-1000 versions)	1
14	05036	Bearing Cover Closed	1	51	04186	Suction Valve Assembly	3
16	05037	O-Ring	1	51A	04166	Spring Tension Cap	3
17	05038	Hexagon Socket Screw, M12	8	51B	05078	Suction Valve Seat	3
18	05039	Spring Ring	8	51C	05079	Valve Plate	3
19	03301	Flange	1	51D	07658	O-Ring	3
19A	03302	Hexagon Socket Screw	6	51E	05080	Valve Spring	3
20	05658	Tapered Roller Bearing	1	52	04188	Discharge Valve Assembly	3
21	05659	Tapered Roller Bearing	1	52A	04166	Spring Tension Cap	3
21A	05042	Fitting Disc	1-3	52B	05084	Discharge Valve Seat	3
21B	05043	Fitting Disc	1-3	52C	05079	Valve Plate	3
21C	05113	Fitting Disc	1-3	52D	06258	O-Ring	6
22	05741	Crankshaft For Gear	1	52E	05080	Valve Spring	3
23	05661	Fitting Key	1	56	05085	Discharge Valve Adaptor	3
24	05047	Connecting Rod Assembly	3	56A	06258	O-Ring	3
25	05048	Crosshead c/w Plunger	3	57	05086	Pressure Spring	3
28	05049	Crosshead Pin	3	57A	07210-0100	Pressure Spring	3
29	05051	Hexagon Screw	4	58	05087	Hexagon Socket Screw	12
29A	07408	Hexagon Nut	2	59	07109	Plug, 1/2" BSP	3 (2*)
29B	05383	Bracket 2 for Cooling Hose	2	59A	06272	Copper Seal	3 (2*)
29C	05662	Support Clamp	2	60	06909	Plug, 1-1/4" BSP,	
29D	05381	Bracket 1 for Cooling Hose	2			GP8155/GP8160/GP8165	1
30	05052	Cover Plate	1	60	13151	Plug, 1-1/4" BSP, (-1000 versions)	1
30A	07225-0100	Hexagon Screw	5	61	05088	Plug, 3" BSP	1
30B	13136	Grommet	5	62	05302	Plug, 1/4" BSP	6
30C	08280	Washer	9	62A	06934	Copper Gasket	6
30D	05050	Splash Cover	1	66	03303	Gear Cover	1
31	07623	Eye Bolt	4	67	08484	Hexagon Screw	7
32	05058	Radial Shaft Seal	3	67A	08041	Washer	13
32A	03118	Scraper	3	67B	05973	Hexagon Socket Screw	4
33	05055	Seal Retainer	3	67C	07381	Hexagon Socket Screw	2
33A	05056	O-Ring	3	68	03304	Cylinder Pin	3
33B	05054	Clip Ring	3	69	03305	Gear Wheel Set (2200 RPM=3.8)	1
33C	05059	Fitting Disc	3	70	03306	Flange for Gear	1
34	05060	Oil Shield	3	70A	03307	Centering Ring	1
36A	05063	Plunger Pipe Cover, GP8160/ GP8165	3	70B	03308	Gearwheel Spacer Ring	1
				71	04571	Spacer	1
36B	05280	Plunger, GP8155	3	72	05667	Hexagon Screw	1
36B	05061	Plunger, GP8160	3	73	05608	Shaft Seal Ring for Gear	1
36B	05115	Plunger, GP8165	3	74	05668	Self-Aligning Roller Bearing	1
36C	05062	Tension Screw	3	75	05669	Roller Bearing	1
36D	07665	Copper Washer	3	75A	05670	Fitting Disc	1
36E	06900	Centering Sleeve	3	76	03309	Gear Seal	1
38	05283	Seal Case, GP8155	3	78	05025	Oil Cooler (Items K1 - K19)	1
38	05064	Seal Case, GP8160/GP8165	3	79	07662	Valve Puller (Not Shown)	1
38A	13286	O-Ring, GP8155	6	K1	05026	Cooling Vane Plate	1
38A	06667	O-Ring, GP8160/GP8165	6	K2	05027	Seal for Gear Cover	2
38B	05281	Support Ring, GP8155 Only	6	K3	05028	Gear Cover	1
39	05275	Seal Sleeve, GP8155	3	K4	05029	Hexagon Head Countersunk Screw	4
39	05065	Seal Sleeve, GP8160	3	K5	07381	Hexagon Socket Screw	8
39	05116	Seal Sleeve, GP8165	3	K6	08041	Washer	8
39A	05066	O-Ring	3	K7	05030	Connection for Oil Cooler	1
40	07723	Seal Ring, GP8155	3	K8	06272	Copper Seal	6
40	05067	Seal Ring, GP8160	3	K9	07109	Plug, 1/2" BSP	2
40	06996	Seal Ring, GP8165	3	K10	05031	Connecting Branch	3
41	05276	Pressure Ring, GP8155	3	K11	05032	U-Joint Connector c/w Nut	3
41	05068	Pressure Ring, GP8160	3	K12	05033	Tube for Cooler	2
41	05117	Pressure Ring, GP8165	3	K13	05402	Hose Clamp	4
42	05277	Sleeve, GP8155	9	K14	05403	Hose Guard	2
42	05069	Sleeve, GP8160	9	K15	05404	Hose Coupling Nut	1
42	06997	Sleeve, GP8165	9	K16	05405	Flat Gasket	4
43	05278	Sleeve Support Ring, GP8155	3	K18	04158	Hexagon Socket Screw	4
43	05070	Sleeve Support Ring, GP8160	3	K19	05053	Washer	4
43	05118	Sleeve Support Ring, GP8165	3				

\*2 pieces for -1000 versions

## Pump Repair Kits - GP8155GBHS/GP8160GBHS/GP8165GBHS

### Plunger Packing Kit - GP8155GBHS # 09616

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
38A	13286	O-Ring	6
38B	05281	Support Ring	6
39A	05066	O-Ring	3
40	07723	Seal Ring	3
42	05277	Sleeve	9

### Plunger Packing Kit - GP8160GBHS # 09617

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
38A	06667	O-Ring	6
39A	05066	O-Ring	3
40	05067	Seal Ring	3
42	05069	Sleeve	9

### Plunger Packing Kit - GP8165GBHS # 09586

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
38A	06667	O-Ring	6
39A	05066	O-Ring	3
40	06996	Seal Ring	3
42	06997	V-Sleeve	9

### Inlet Valve Kit #09587

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
51	04186	Inlet Valve Assembly	3
56A	06258	O-Ring	3

### Discharge Valve Kit #09588

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
52	04188	Discharge Valve Assembly	3
56A	06258	O-Ring	3

### Oil Seal Kit #09584

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
32	05058	Radial Shaft Seal	3
33A	05056	O-Ring	3

<b>Tool List and Torque Specifications</b>				
<b>Item</b>	<b>Part #</b>	<b>Description</b>	<b>Torque ft-lbs (Nm)</b>	<b>Tool Needed</b>
24	05047	Connecting Rod Hex. Hd. Socket Screw	37 (50)	8 mm Allen Wrench
33B	05054	Clip Ring	N/A	Industrial Snap Ring Pliers
36C	05062	Tension Screw	30 (40)	16 mm Socket
49A	05073	Hexagon Nut (Manifold)	265 (360)	30 mm Socket
51 & 52	04188 04186	Valve Assemblies	N/A	Valve Puller (p/n 07662) included w/pump
58	05087	Hexagon Socket Screw	132 (180)	12 mm Allen Wrench
K5	07381	Hexagon Socket Screw	N/A	8 mm Allen Wrench