

**PARTS LIST - GP7145GB / GP7255AGB**

<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	05324	Crankcase	1	41	13296	Support Ring, GP7145	3
1A	05313	Head for Oil Dipstick	1	41	13158	Support Ring, GP7255A	3
1B	01009	O-Ring	1	42	13294	V-Sleeve, GP7145	9
2	13000	Oil Filler Plug Assy.	1	42	07711	V-Sleeve, GP7255A	6
4	07601	Crankcase Cover	1	43	13293	Pressure Ring, GP7145	3
5	07602	Gasket, Crankcase Cover	1	43	07712	Pressure Ring, GP7255A	3
8	07603	Oil Dip Stick	1	45	13297	Tension Spring, GP7145 only	3
9	01009	O-Ring, Dip Stick	1	49	13159	Stud Bolt	8
10	22706	Hexagon Screw	8	49A	13160	Hexagon Nut	8
11	06725	Spring Washer	8	50	07791	Valve Casing	1
12	07109	Drain Plug	3	50A	13162	Cylinder Stud	2
13	07182	Gasket, Drain Plug	2	51	05274	Valve Assembly (51A-51F)	6
14	07607	Bearing Cover	1	51A	13165	Spacer Pipe	6
14A	05325	Flange for Gearbox	1	51B	07732-0100	Valve Spring	6
15	07608	Radial Shaft Seal	1	51C	05314	Valve Plate	6
15A	05326	O-Ring	1	51D	05136A	Valve Seat	6
15B	05327	Hexagon Socket Screw	6	51E	07653	O-Ring	6
16	07184	O-Ring	2	51F	13166	Support Ring	6
20	07610	Taper Roller Bearing	2	53	22610	Plug	3
20A	07611	Fitting Disc (Shim)	1-5	56	13167	Valve Adaptor	3
21	07612	Shaft Protector	1	56A	07658	O-Ring for 56, 58	6
22	13405	Crankshaft	1	56B	07635	Support Ring for 56A, 58A	6
23	07614	Key	1	56C	13166	Support Ring	3
24	13182	Connecting Rod Assy.	3	56D	07653	O-Ring	3
25	13183	Crosshead Assy.	3	57	13173	Tension Spring	6
28	13184	Crosshead Pin	3	58	13170	Plug, M64 x 2	3
30	07619	Cover Plate	1	59A	07661	Copper Ring for 12	1
30A	07225-0100	Hexagon Screw	8	60	12251	Plug, 1-1/4" NPT	1
30B	13136	Grommet	4	61	05170	Plug, 2-1/2" NPT	1
30C	08280	Disc	8		05344	Gearbox Assy, 2.4:1 (G1-G21)	1
30D	13154	Cover Plate	1	G1	05328	Casing, Bottom	1
31	07623	Eye Bolt	1	G2	05329	Casing, Top	1
32	07624	Radial Shaft Seal	3	G3	05330	Cylindrical Pin	2
33	07626	Seal Retainer	3	G4	05331	Hexagon Screw	8
33A	07627	O-Ring	3	G5	05332	Washer	6
33B	07628	Circlip	3	G6	07008	Hexagon Socket Screw	6
33C	07249	Fitting Disc	3	G7	05333	Spacer Ring	2
34	13137	Oil Scraper	3	G8	05334	Fitting Key	1
36	06165	Plunger Pipe Assy.		G9	05335	Cogwheel	1
		(36A-D), GP7145	3	G10	05336	Tension Disc	1
36	07706	Plunger Pipe Assy.		G11	13358	Hexagon Screw	1
		(36A-D), GP7255A	3	G12	05337	Pinion	1
36A	07667	Plunger Connection	3	G13	05378	Roller Bearing, Self-Aligning	2
36B	05157	Plunger Pipe, GP7145	3	G14	05511	Gear Seal	1
36B	07666	Plunger Pipe, GP7255A	3	G15	05338	Fitting Disc, 0.1mm	2
36C	06166	Tension Screw, GP7145	3	G16	05339	Fitting Disc, 0.2mm	2
36C	07664	Tension Screw, GP7255A	3	G17	05340	Shaft Seal Ring	1
36D	07665	Copper Ring	3	G18	13243	Fitting Key	1
38	06167	Seal Case, GP7145	3	G19	05341	Washer	2
38	13155	Seal Case, GP7255A	3	G20	05342	Screw Plug	2
38A	13156	O-Ring for 38	3	G21	05343	Copper Ring	2
38B	06258	O-Ring for 38, GP7145	3		07662	Valve Tool (Not Shown)	1
38B	07721	O-Ring for 38, GP7255A	3		05210	Plunger Conversion Assy.	
39	06171	Seal Sleeve, GP7145	3			(36-45), GP7145	1
39	13157	Seal Sleeve, GP7255A	3			Plunger Conversion Assy.,	
39A	13290	Grooved Ring, GP7145	3		05211	(36-45), GP7255A	1
39A	07723	Grooved Ring, GP7255	3				
40	07797	Support Disc, GP7255 only	3				

## Repair Kits - GP7145GB and GP7255AGB

### Plunger Packing Kit - GP7145GB

# 09603

Item	Part #	Description	Qty.
38A	13156	O-Ring	3
38B	06258	O-Ring	3
39A	13290	Grooved Ring	3
41	13296	Support Ring	3
42	13294	V-Sleeve	9

### Plunger Packing Kit - GP7255AGB

# 09220

Item	Part #	Description	Qty.
38A	13156	O-Ring	3
38B	07721	O-Ring	3
39A	07723	Grooved Ring	3
41	13158	Support Ring	3
42	07711	V-Sleeve	6

### Valve Repair Kit

# 09604A

Item	Part #	Description	Qty.
51B	07732-0100	Valve Spring	1
51C	05314	Valve Plate	1
51D	05136A	Valve Seat	1
51E/56D	07653	O-Ring	2
51F/56C	13166	Support Ring	2
56A	07658	O-Ring	2
56B	07635	Support Ring	2

### Oil Seal Kit

# 09221

Item	Part #	Description	Qty.
32	07624	Radial Shaft Seal	3
33A	07627	O-Ring	3

## GP7145GB and GP7255AGB Torque Specifications

Position	Item#	Description	Torque Amount
15B	05327	Hexagon Socket Screw	36.1 ft-lbs (49 Nm)
24	13182	Connecting Rod Assembly	30 ft.-lbs. (40 Nm)
36C	06166/07664	Tension Screw	30 ft.-lbs. (40 Nm)
49A	13160	Hexagon Nut	103 ft.-lbs. (140 Nm)
58	13170	Plug	107 ft-lbs (145 Nm)
G4	05331	Hexagon Screw	18.4 ft-lbs (25 Nm)
G6	07008	Hexagon Socket Screw	33.2 ft-lbs (45 Nm)

Preventative Maintenance Check-List & Recommended Spare Part List						
Check	Daily	Weekly	50 hrs	Every 200 hrs	Every 1500 hrs	Every 3000 hrs
Oil Level / Quality	X					
Oil Leaks	X					
Water Leaks	X					
Belts, Pulley		X				
Plumbing		X				
Recommended Spare Parts						
Oil Change			X	X		
Plunger Packing Kits (1 kit/Pump)					X	
Oil Seal Kit ( 1 kit/Pump)					X	
Valve Kit ( 1 kit/pump)						X