

GP7645BGBHS & GP7655BGBHS Spare Parts List

<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	05769	Crankcase	1	49A	13160	Hexagon Nut	8
2	13000	Oil Filler Plug Assembly	1	50	07791	Valve Casing	1
8	07603	Oil Dip Stick	1	50A	13162	Centering Stud	2
9	01009	O-Ring, Dip Stick	1	51	05594	Inlet Valve Assembly (51A-51F)	3
12	07109	Drain Plug	9	51A	05595	Spring Tension Cap	3
13	06272	Copper Seal for 12	9	51B	05450	Valve Spring	3
14	05770	Bearing Cover	1	51C	05247	Valve Plate	3
14A	12204	O-Ring	4	51D	05596	O-Ring	3
15	05771	Radial Shaft Seal	1	51E	05597	Inlet Valve Seat	3
16	05772	O-Ring	2	51F	05166	O-Ring	3
17	05642	Inner Hexagon Screw	4	52	05600	Discharge Valve Assembly (52A-52F)	3
18	05039	Spring Ring	4	52A	05595	Spring Tension Cap	3
20	05773	Taper Roller Bearing	2	52B	05450	Valve Spring	3
20A	05774	Fitting Disc (Shim), 0.1 mm	1-5	52C	05247	Valve Plate	3
20B	04570	Fitting Disc (Shim), 0.15 mm	1-5	52D	05596	O-Ring	3
21	05645	Shaft Guard Holder	1	52E	05598	Discharge Valve Seat	3
21A	05646	Shaft Guard	1	52F	05599	O-Ring	3
22	04517A	Crankshaft	1	53	22610	Plug, 1/4" NPT	3
23	05776	Key	1	55	05647	Valve Spacer	3
24	05777	Connecting Rod Assembly	3	56A	07658	O-Ring	3
25	05778	Crosshead Assembly	3	56B	07635	Support Ring	3
28	05779	Crosshead Pin	3	57	13173	Tension Spring	3
30	07619-0400	Cover Plate	1	58	06682	Plug, M64 x 2	3
30A	07225-0100	Hexagon Screw	8	60	12251	Plug, 1-1/4" NPT	1
30C	05053	Disc	8	61	05170	Plug, 2-1/2" NPT	1
30D	13154	Cover	1	68	05782	Bottom Casing for Gear	1
31	07623	Eye Bolt	1	69	05783	Top Casing for Gear	1
32	07624	Radial Shaft Seal	3	70	05784	Gear Seal	1
33	07626	Seal Retainer	3	71	05785	Centering Ring	1
33A	07627	O-Ring for Seal Retainer	3	72A/B	03366	Gear Wheel Set, i=2.25	1
33B	07628	Circlip for 33	3	72A/B	05786	Gear Wheel Set, i=2.44	1
33C	07249	Fitting Disc	1-3	72A/B	04670	Gear Wheel Set, i=2.75	1
34	13137	Oil Scraper (Flinger)	3	74	05787	Self-Aligning Roller Bearing	1
36	06165A*	Plunger Assembly, GP7645	3	75	05788	Roller Bearing	1
36	07706*	Plunger Assembly, GP7655	3	76	07117	Fitting Disc (Shim), 0.1 mm	1-5
36A	07667	Plunger Connection	3	77	05789	Radial Shaft Ring	1
36B	05157A	Plunger Pipe, GP7645	3	78	05665	Cylinder Pin	6
36B	07666	Plunger Pipe, GP7655	3	80	05790	Spacer Ring 1 for Gear	1
36C	07664	Tensioning Screw	3	81	05791	Spacer Ring 2 for Gear	1
36D	07665	Copper Ring	3	82	05802	Fixing Plate for Gear	1
38	06167	Seal Case, GP7645	3	83	13358	Hexagon Screw	1
38	13155	Seal Case, GP7655	3	84	05792	Hexagon Socket Screw	7
38A	13156	O-Ring	3	85	05702	Hexagon Socket Screw	3
38B	06258	O-Ring, GP7645	3	86	07159	Washer	3
38B	07721	O-Ring, GP7655	3	87	05793	Hexagon Socket Screw	5
39	06171	Seal Sleeve, GP7645	3	88	05655	Hexagon Socket Screw	1
39	13157	Seal Sleeve, GP7655	3	89	05794	Gear Flange, Hollow	1
39A	13290	Grooved Ring, GP7645	3	89B	03297	Plug	1
39A	07723	Grooved Ring, GP7655	3	89A	05795	Centering Ring, Hollow	1
40	07797	Support Ring, GP7655	3	K2	03708	Seal for Gear Cover	1
41	13296	O-Ring, GP7645	3	K3	03709	Gear Cover	1
41	13158	O-Ring, GP7655	3	K5	22706	Hexagon Socket Screw	8
42	13294	V-Sleeve, GP7645	9	K6	06725	Washer	8
42	07711	V-Sleeve, GP7655	6	K8	06272	Copper Seal	5
43	13293	Pressure Ring, GP7645	3	K9	07109	Plug, 1/2" BSP	5
43	07712	Pressure Ring, GP7655	3		07662	Valve Tool (not shown)	1
45	13297	Tension Spring, GP7645	3				
49	13159	Stud Bolt	8				

*Consists of items 36A-36D

Repair Kits - GP7645BGBHS & GP7655BGBHS

Plunger Packing Kit, GP7645BGBHS # 09603

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

Plunger Packing Kit, GP7655BGBHS # 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

Oil Seal Kit - # 09221

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

Inlet Valve Kit - # 09659

Item	Part #	Description	Qty.
51	05594	Inlet Valve Assembly	1
56A	07658	O-Ring	1
56B	07635	Support Ring	1

Large Discharge Valve Kit - # 09660

Item	Part #	Description	Qty.
52	05600	Discharge Valve Assy	1
55	05647	Valve Spacer	1
56A	07658	O-Ring	1
56B	07635	Support Ring	1

Small Discharge Valve Kit* - # 09661

Item	Part #	Description	Qty.
51B	05450	Valve Spring	1
51C	05247	Valve Plate	1
51D	05596	O-Ring	1
52F	05599	O-Ring	1
56A	07658	O-Ring	1
56B	07635	Support Ring	1

* The discharge valve seat (item 52E) can be flipped over and used. If it is damaged on both sides, order kit # 09660.

GP7645BGBHS & GP7655BGBHS Torque Specifications

Position	Lubrication Info	Torque Specifications
1	Molycote Cu-Paste	
17		33 ft.-lbs. (45 Nm)
24		29.5 ft.-lbs. (40 Nm)
30A		88.5 in.-lbs. (10 Nm)
32	Loctite 403	
36A		33 ft.-lbs. (45 Nm)
36C	Loctite 243	29.5 ft.-lbs. (40 Nm)
49	Loctite 243	
49A		133 ft.-lbs. (180 Nm)
51E	Hylomar	
52E	Hylomar	
58		107 ft.-lbs. (145 Nm)
85		62.7 ft.-lbs. (85 Nm)
K2	Loctite 5910	
K5		33 ft.-lbs. (45 Nm)
K9		59 ft.-lbs. (80 Nm)
K18		124 in.-lbs. (14 Nm)