

GP7645GB-180 & GP7655GB-180 Spare Parts List

ITEM	PART	DESCRIPTION	QTY.	ITEM	PART	DESCRIPTION	QTY.
1	05769	Crankcase	1	50	07791	Valve Casing	1
2	13000	Oil Filler Plug Assembly	1	50A	13162	Centering Stud	2
8	07603	Oil Dip Stick	1	51	05594	Inlet Valve Assembly	
9	01009	O-Ring, Dip Stick	1			(51A-51F)	3
12	07109	Drain Plug	8	51A	05595	Spring Tension Cap	3
13	06272	Copper Seal for 12	8	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	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 Assy.	3	56A	07658	O-Ring	3
25	05778	Crosshead Assy.	3	56B	07635	Support Ring	3
28	05779	Crosshead Pin	3	57	13173	Tension Spring	3
29A	07408	Hexagon Nut	1	58	06682	Plug, M64 x 2	3
29B	05383	Bracket 2 f. Cooling Hose	2	60	12251	Plug, 1-1/4" NPT	1
29C	05662	Fixing Bracket	1	61	05170	Plug, 2-1/2" NPT	1
29D	05381	Bracket 2 f. Cooling Hose	1	68	05782	Bottom Casing for Gear	1
30	07619	Cover Plate	1	69	05783	Top Casing for Gear	1
30A	07225-0100	Hexagon Screw	9	70	05784	Gear Seal	1
30B	13136	Grommet	4	71	05785	Centering Ring	1
30C	05053	Disc	8	72A/B	04531	Gear Wheel Set, i=1.87	1
30D	13154	Cover	1	72A/B	04519	Gear Wheel Set, i=2.25	1
31	07623	Eye Bolt	1	72A/B	04518	Gear Wheel Set, i=2.73	1
32	07624	Radial Shaft Seal	3	73	13243	Fitting Key	1
33	07626	Seal Retainer	3	74	05787	Self-Aligning Roller Bearing	1
33A	07627	O-Ring for Seal Retainer	3	75	05700	Cylinder Roller Bearing	1
33B	07628	Circlip for 33	3	76	07117	Fitting Disc	1-5
33C	07249	Fitting Disc	3	77	05701	Radial Shaft Ring	1
34	13137	Oil Scraper (Flinger)	3	78	05665	Cylindrical Pin	4
36	06165A	Plunger Assy. (36A-36D), GP7645GB	3	80	05790	Spacer Ring 1 for Gear	1
36	07706	Plunger Assy. (36A-36D), GP7655GB	3	81	05791	Spacer Ring 2 for Gear	1
36A	07667	Plunger Connection	3	82	05802	Fixing Plate for Gear	1
36B	05157A	Plunger Pipe, GP7645GB	3	83	13358	Hexagon Screw	1
36B	07666	Plunger Pipe, GP7655GB	3	84	05792	Hexagon Socket Screw	7
36C	07664	Tensioning Screw	3	85	05702	Hexagon Socket Screw	8
36D	07665	Copper Ring	3	86	07159	Washer	8
38	06167	Seal Case, GP7645GB	3	90	03704-180	Oil Cooler Assembly	1
38	13155	Seal Case, GP7655GB	3	K1	03705	Stainless Steel Tubing	1
38A	13156	O-Ring	3	K2	03708	Gear Seal Cover	1
38B	06258	O-Ring, GP7645GB	3	K3	03709	Gear Cover	1
38B	07721	O-Ring, GP7655GB	3	K4	03710	Clamping Screw	2
39	06171	Seal Sleeve, GP7645GB	3	K5	22706	Hexagon Socket Screw	8
39	13157	Seal Sleeve, GP7655GB	3	K6	06725	Washer	8
39A	13290	Grooved Ring, GP7645GB	3	K7	05755	Connection for Oil Cooler	1
39A	07723	Grooved Ring, GP7655GB	3	K8	06272	Copper Seal	5
40	07797	Support Ring, GP7655GB	3	K9	07109	Plug, 1/2" BSP	2
41	13296	O-Ring, GP7645GB	3	K10	05031	Reducing Nipple	2
41	13158	O-Ring, GP7655GB	3	K11	05032	U-Joint Connector with Nut	3
42	13294	V-Sleeve, GP7645GB	9	K12	05033	Tube for Cooler	1.4m
42	07711	V-Sleeve, GP7655GB	6	K13	05402	Hose Clamp	4
43	13293	Pressure Ring, GP7645GB	3	K14	05403	Hose Guard	1.3m
43	07712	Pressure Ring, GP7655GB	3	K15	05404	Hose Coupling Nut	1
45	13297	Tension Spring, GP7645GB	3	K16	05405	Flat Gasket	4
49	13159	Stud Bolt	8	K17	03706	Hose Plate for Cooler	1
49A	13160	Hexagon Nut	8	K18	03707	Reduction Nipple	2
					07662	Valve Tool (not shown)	1

Repair Kits - GP7645GB-180 & GP76555GB-180

Plunger Packing Kit, GP76545GB-180

09603

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

Plunger Packing Kit, GP76555GB-180

09220

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
38A	13156	O-Ring	3
38B	07721	O-Ring	3
39A	07723	Grooved Ring	3
42	07711	V-Sleeve	6

Oil Seal Kit - # 09221

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

Inlet Valve Kit - # 09659

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

Large Discharge Valve Kit - # 09660

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
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

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
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.

Torque Specifications - GP7645GB-180 & GP76555GB-180

Position	Torque Amount
17	33 ft.-lbs. (45 Nm)
24	30 ft.-lbs. (40 Nm)
30A	89 in.-lbs. (10 Nm)
36A	33 ft.-lbs. (45 Nm)
36C	30 ft.-lbs. (40 Nm)
49A	103 ft.-lbs. (140 Nm)
58	107 ft.-lbs. (145 Nm)
K5	33 ft.-lbs. (45 Nm)

Preventative Maintenance Check-List & Recommended Spare Part List						
Check	Daily	Weekly	50hr	Every 500 hrs	Every 1500 hrs	Every 3000 hrs
Oil Level / Quality X						
Oil Leaks	X					
Water Leaks	X					
Belts, Pulley		X				
Plumbing		X				
	Recommended Spare Part					
Oil Change (p/n 01154)			X	X		
Plunger Packing Kits(1 kit/Pump)					X	
Oil Seal Kit (1 kit/Pump)					X	
Valve Kit (6 kits/pump)						X