

MP SERIES PARTS LIST AND REPAIR KITS

<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	06100	Crankcase	1	41	07270	Support Ring (MP4120)	3
2	13000	Oil Filler Cap Assembly	1	41	06084	Support Ring (MP4124)	3
4	07243	Cover, Crankcase	1	41	07273	Support Ring (MP4126/MP4130)	6
5	07244	O-Ring, Crankcase Cover	1	41	06652	Support Ring (MP4135)	6
8	01008	Oil Dip Stick	1	41A	07329	Spacer Ring (MP4120/MP4124)	3
9	01009	O-Ring, Dip Stick	1	41A	07274	Spacer Ring (MP4126/MP4130/MP4135)	3
10	01010	Screw, Crankcase Cover	4	42	07275	Tension Spring (MP4120/MP4124)	3
11	01011-0400	Spring Washer	4	42	07353	Tension Spring (MP4126/MP4130/MP4135)	3
12	07109	Oil Drain Plug	1	42A	06102	Tension Plug (MP4120/MP4124)	3
13	06015	O-Ring, Oil Drain Plug	1	42A	06103	Tension Plug (MP4126/MP4130/MP4135)	3
14	07245	Bearing Cover	2	42B	07332	O-Ring (MP4120/MP4124)	3
15	07247	Seal, Crankshaft	2	42B	07354	O-Ring, Tension Plug (MP4126/MP4130/MP4135)	3
16	07627	O-Ring, Bearing Cover	2	43	06104	Manifold Head (MP4120/MP4124)	1
17	07114	Hex Screw, Bearing Cover	9	43	06105	Manifold Head (MP4126/MP4130/MP4135)	1
20	07248	Roller Bearing, Tapered	2	44	07280	Valve Seat	6
20A	07249	Fitting Disc	2	44A	07281	O-Ring, Valve Seat	6
20B	06962	Fitting Disc	2	45	06791-0100	Valve Plate	6
21	05375	Shaft Protector	1	46	07283	Discharge Valve Spring	3
22	07251	Crankshaft (except MP4126)	1	46A	06959	Inlet Valve Spring (MP4120/MP4130/MP4135)	3
22	04149	Crankshaft (MP4126 only)	1	46A	07283	Inlet Valve Spring (MP4124/MP4126)	3
23	13331	Key	1	47	07284	Spring Retainer, Discharge	3
24	07253	Connecting Rod Assembly	3	48	06108	Plug, (MP4120/MP4124)	3
25	07596	Crosshead Complete	3	48	07356	Plug, Brass (MP4126/MP4130/MP4135)	3
28	07255	Crosshead Pin	3	48A	07332	O-Ring, Plug	3
29A	07256	Centering Sleeve	3	49	06109	Stud, Manifold	6
29B	07262	Ceramic Plunger, 20mm (MP4120)	3	49A	07319	Shim, Stud	2
29B	13046	Ceramic Plunger, 24mm (MP4124)	3	50	07158	Nut, Manifold Stud	6
29B	07261	Ceramic Plunger, 30mm (MP4126/MP4130)	3	50A	07159	Spring Washer	6
29B	13005	Ceramic Plunger, 28mm (MP4135)	3	51	06110	Spacer	3
29C	13007	Tension Screw	3	52	06111	Valve Housing (MP4120/MP4124)	3
29D	07258	Seal Washer	3	52	06112	Valve Housing (MP4126/MP4130 /MP4135)	3
30	06136	Flinger	3	52A	07329	Spacer Ring (MP4120/MP4124 only)	3
31	07260	Crankcase Oil Seal	3	53	12057	O-Ring (MP4120/MP4124)	3
35A	07263	Support Ring (MP4120)	3	53	07332	O-Ring (MP4126/MP4130/MP4135)	3
35A	06079	Support Ring (MP4124)	3	53A	12027	O-ring (MP4120/MP4124 only)	3
35B	06064	V-Sleeve (MP4120)	3	54	06115	Spring Retainer, Inlet	3
35B	06080	V-Sleeve (MP4124)	3	55	06626	Plug, NPT, 1"	1
35C	07265	Pressure Ring (MP4120)	3	56	04732	Plug, NPT, 3/4"	1
35C	06081	Pressure Ring (MP4124)	3	57	13020	Disc for Crankshaft	1
35D	07266	O-Ring (MP4120)	3		04292	Manifold Assembly, MP4120 (35A-57)	
36	07267-0100	Snap Ring	3		03323	Manifold Assembly, MP4124 (35A-57)	
39	07268	Pressure Ring (MP4120)	3				
39	06082	Pressure Ring (MP4124)	3				
39	07271	Pressure Ring (MP4126/MP4130)	6				
39	13013	Pressure Ring (MP4135)	6				
40	07322	V-Sleeve (MP4120)	3				
40	06083	V-Sleeve (MP4124)	3				
40	07272	V-Sleeve (MP4126/MP4130)	6				
40	05687	V-Sleeve (MP4135)	6				
40	06137	V-Sleeve (MP4130HK)	3				
40A	07272	V-Sleeve (MP4130HK)	3				

MP SERIES PARTS LIST AND REPAIR KITS

Plunger Packing Kits

MP4120 # 09044

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty</u>
35B	06064	Rear V-Sleeve	3
35D	07266	Rear O-Ring	3
40	07322	V-Sleeve	3
42B	07332	O-Ring	3

MP4124 # 09300

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty</u>
35B	06080	Rear V-Sleeve	3
40	06083	V-Sleeve	3
42B	07332	O-Ring	3

MP4130/MP4126 # 09042

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty</u>
40	07272	V-Sleeve	6
42B	07354	O-Ring, Tension Plug	3

MP4135 # 09665

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty</u>
40	05687	V-Sleeve	6
42B	07354	O-Ring, Tension Plug	3

Valve Repair Kits

MP4120 # 09802

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty</u>
42B	07332	O-Ring Tension Plug	3
44	07280	Valve Seat	6
44A	07281	O-Ring, Valve-Seat	6
45	06791-0100	Valve Plate	6
46	07283	Valve Spring, Discharge	3
46A	06959	Valve Spring, Inlet	3
48A	07332	O-Ring, Tension Plug	3
53	12057	O-Ring	3
53A	12027	O-Ring	3

MP4124 # 09803

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty</u>
42B	07332	O-Ring Tension Plug	3
44	07280	Valve Seat	6
44A	07281	O-Ring, Valve-Seat	6
45	06791-0100	Valve Plate	6
46	07283	Valve Spring, Discharge	3
46A	07283	Valve Spring, Inlet	3
48A	07332	O-Ring, Tension Plug	3
53	12057	O-Ring	3
53A	12027	O-Ring	3

MP4126/MP4135 # 09809

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty</u>
42B	07354	O-Ring Tension Plug	3
44	07280	Valve Seat	6
44A	07281	O-Ring, Valve-Seat	6
45	06791-0100	Valve Plate	6
46	07283	Valve Spring, Discharge	3
46A	07283	Valve Spring, Inlet	3
48A	07332	O-Ring, Tension Plug	3
53	07332	O-Ring	3

MP4130 # 09810

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty</u>
42B	07354	O-Ring Tension Plug	3
44	07280	Valve Seat	6
44A	07281	O-Ring, Valve-Seat	6
45	06791-0100	Valve Plate	6
46	07283	Valve Spring, Discharge	3
46A	06959	Valve Spring, Inlet	3
48A	07332	O-Ring, Tension Plug	3
53	07332	O-Ring	3

MP SERIES TORQUE SPECIFICATIONS

Position	Item #	Description	Lubrication Info	Torque Amount
1	06100	Crankcase	Loctite 270	N/A
10	01010	Screw, Crankcase Cover		221 in.-lbs. (25 Nm)
12	07109	Oil Drain Plug		30 ft.-lbs. (40 Nm)
17	07114	Hex Screw, Bearing Cover		221 in.-lbs. (25 Nm)
24	07253	Hex Screw, Connecting Rod		106 in.-lbs. (12 Nm)
29C	13007	Bolt, Plunger	Loctite 243	247 in.-lbs. (28 Nm)
31	07260	Crankcase Oil Seal	Loctite 403	N/A
42A	06102/06103	Plug, Inlet		107 ft.-lbs. (145 Nm)
48	06108/07356	Plug, Discharge		107 ft.-lbs. (145 Nm)
50	07158	Nut, Manifold Stud		59 ft.-lbs. (80 Nm)