

## Pump Repair Parts Price List, MF and MH Series Parts

Part No.	Price each	Old No.	Qty Req'd	Description
MP010	403.00	M-10	1	Gear case
MP011	98.00	M-11	1	Side flange, for gear case
MP012	18.00	M-12	1	Bushing for side flange (also used in pump body)
MP013	2.35	M-13	2	Gasket, gear case
MP073	2.80	M-14	4	Screws, pump body to gear case, HH 7/16"-14 X 7/8"
MP014B	3.50	M-14	4	Screws, side flange to gear case, HH 7/16"-14 X 3/4"
MP015	75.00	M-15	1	Bearing cap, blind
MP016	90.00	M-16	1	Bearing cap, open
MP017	13.00	M-17	1	Oil seal
MP018	7.00	M-18	2	Oil feed tube
MP019	26.00	M-19	2	Tapered roller bearing
MP020A	12.00	M-20	2	Gasket set, bearing cap
MP021	0.90	M-21	8	Screws, bearing cap, HH 1/4"-20 X 5/8"
MP022	2.25	M-22	2	Oil plug for gear case
MP023A	270.00	M-23	1	Worm gear, 5 & 10 GPH
MP023C	240.00	M-23	1	Worm gear, 9 & 18 GPH
MP023D	240.00	M-23	1	Worm gear, 36 & 96 GPH
MP023E	255.00	M-23	1	Worm gear, 54, 60, 90, 125, 150 & 180 GPH
MP024	1.75	M-24	1	Set screw, worm gear, SH 5/16"-18 X 5/16"
MP025A	210.00	M-25	1	Worm drive shaft, 5 & 10 GPH
MP025C	255.00	M-25	1	Worm drive shaft, 9 & 18 GPH
MP025D	255.00	M-25	1	Worm drive shaft, 36 & 96 GPH
MP025E	285.00	M-25	1	Worm drive shaft, 54, 60, 90, 125, 150 & 180 GPH
MP026	1.60	M-26	1	Woodruff key, worm drive shaft for coupling
MP027A	68.00	M-27	1	Pump drive shaft, simplex

Part No.	Price each	Old No.	Qty Req'd	Description
MP027B	94.00	M-27	1	Pump drive shaft, duplex
MP027C	150.00	M-27	1	Pump drive shaft, triplex
MP027D	175.00	M-27	1	Pump drive shaft, quadruplex
MP028	3.75	M-28	2	Woodruff key, pump drive shaft
MP029A	415.00	M-29L	1	Pump body, left hand
MP029B	415.00	M-29R	1	Pump body, right hand
MP029C	540.00	M-29	1	Pump body, double flanged
MP012	18.00	M-30	3	Bushing for drive shaft, installed in pump body
MP031	1.65	M-31	1	Expansion plug
MP032A	115.00	M-32	1	Eccentric, 5 & 9 GPH
MP032B	115.00	M-32	1	Eccentric, 10, 18, 36, 54 & 60 GPH
MP032C	115.00	M-32	1	Eccentric, 90, 96 & 150 GPH
MP032D	115.00		1	Eccentric, 180 GPH
MP032E	115.00		1	Eccentric, 125 GPH
MP024	1.00	M-33	1 OR 2	Set screw, eccentric, SH 5/16"-18 X 5/16"
MP0341	155.00	M-34	1	Connecting rod, standard
MP0342	155.00	M-34	1	Connecting rod, 5 & 9 GPH
MP0343	155.00		1	Connecting rod, 180 GPH
MP034A	410.00	M-34-A	1	Connecting rod assembly, standard, includes parts M-34, 35, 36, 37, 41, 42, 43, & 44
MP034B	410.00	M-34-A	1	Connecting rod assembly, 5 & 9 GPH
MP034C	410.00		1	Connecting rod assembly, 180 GPH
MP035	34.00	M-45	1	Bushing, connecting rod
MP036A	44.00	M-36	1	Screw, stroke adjusting, 5 & 9 GPH
MP036B	44.00	M-36	1	Screw, stroke adjusting, standard
MP036C	44.00		1	Screw, stroke adjusting, 180 GPH
MP037	1.40	M-37	1	Set screw, stroke adjusting screw, SH 10-32 X 1/4"
MP038	185.00	M-38	1	Piston, standard
MP136	185.00	M-38	1	Piston, MF Series DDB pump, all MH Series pumps
MP039	25.00	M-39	1	Wrist pin
MP040	1.25	M-40	1	Set screw, wrist pin, SH 1/4"-20 X 1/4"
MP041	105.00	M-41	1	Trunnion
MP042	31.00	M-42	1	Bushing, trunnion
MP043	7.25	M-43	2	Slide screw
MP024	1.75	M-44	4	Set screw, for slide screw, SH 5/16"-18 X 5/16"
MP045	0.75	M-45	1	Dial cover screw, fillister head 6-32 X 3/4"
MP047	22.00	M-47	1	Dial gear with M-56 dial scale, specify pump model
MP048	36.00	M-48	1	Flexible shaft
MP049	97.00	M-49	1	Name plate
MP049A	250.00	M-49-A	1	Name plate assembly, incl all parts M-45 to M-58, except M-48
MP050	0.75	M-50	4	Screw, name plate, oval head 10-32 X 1/2"
MP051	9.00	M-51	1	Gasket, name plate
MP052	59.00	M-52	1	Adjustment knob
MP053	1.25	M-53	2	Set screw, adjustment knob, SH 10-32 X 1/2"
MP054	1.00	M-54	1	Retaining ring, adjustment knob
MP055	26.00	M-55	1	Dial cover
MP056	1.75	M-56	1	Dial scale
MP057	3.00	M-57	1	Drag spring
MP058	2.30	M-58	1	Drag spring ball
MP059A	74.00	M-59	1	Diaphragm, Neoprene

## Pump Repair Parts MF Series Parts Diaphragms, solution heads and valve parts

Part No.	Price each	Old No.	Qty.	Description
MP059B	N/A	M-59	1	Diaphragm, Buna DISCONTINUED
MP059C	74.00	M-59	1	Diaphragm, Hypalon
MP059D	240.00	M-59	1	Diaphragm, Viton
MP059E	110.00	M-59	1	Diaphragm, Teflon faced Neoprene
MP059F	275.00	M-59	1	Diaphragm, Teflon faced Viton
MP064A	245.00	M-64	1	Solution head, cast iron
MP064B	455.00	M-64	1	Solution head, 316 stainless steel (old style is p/n MP064B1)
MP064C	NA	M-64	1	Solution head, Carpenter 20
MP065	5.50	M-65	6	Screw, metal solution head, SH 3/8"-16 X 1", SS
MP0662A	NA	M-66	1	Valve cap, outlet, cast iron, 3/8" NPT -USE MP0662B
MP0662B	155.00	M-66	1	Valve cap, outlet, 316 SS, 3/8" NPT
MP0662C	NA	M-66	1	Valve cap, outlet, Carpenter 20, 3/8" NPT
MP0663A	140.00	M-66	1	Valve cap, outlet, 316 SS, 3/4" NPT, vertical
MP0663B	NA	M-66	1	Valve cap, outlet, Carpenter 20, 3/4" NPT vertical
MP0664A	NA	M-66	1	Valve cap, outlet, 316 SS, 1/2" NPT vertical
MP0664B	NA	M-66	1	Valve cap, outlet, Carpenter 20, 1/2" NPT vertical
MP0665A	135.00		1	Valve cap, outlet, 316 SS, 3/4" NPT vertical, MH Series
MP0665B	NA		1	Valve cap, outlet, Carpenter 20, 3/4" NPT vertical, MH Series
MP0672A	NA	M-67	1	Valve cap, inlet, cast iron, 3/8" NPT-USE MP0672B
MP0672B	160.00	M-67	1	Valve cap, inlet, 316 SS, 3/8" NPT
MP0672C	NA	M-67	1	Valve cap, inlet, Carpenter 20, 3/8" NPT
MP0673A	140.00	M-67	1	Valve cap, inlet, 316 SS, 3/4" NPT, vertical
MP0673B	NA	M-67	1	Valve cap, inlet, Carpenter 20, 3/4" NPT vertical
MP0674A	NA	M-67	1	Valve cap, inlet, 316 SS, 1/2" NPT vertical
MP0674B	NA	M-67	1	Valve cap, inlet, Carpenter 20, 1/2" NPT vertical
MP0675A	140.00		1	Valve cap, inlet, 316 SS, 3/4" NPT vertical, MH Series
MP0675B	NA		1	Valve cap, inlet, Carpenter 20, 3/4" NPT vertical, MH Series
MP068A	12.00	M-68	2	Screw, valve cap flange, HH 3/8"-16 X 6", for metal sol head
MP068B	16.00	M-68	2	Screw, valve cap flange, HH 3/8"-16 X 7", for metal sol head
MP068C	18.00	M-126	2	Screw, valve cap flange, HH 3/8"-16 X 8", for plastic sol head
MP070	125.00	M-70	1	Motor mounting bracket
MP071	10.00	M-71	1	Support screw, motor mounting bracket, 5/16"-18 X 2.5"
MP072	0.75	M-72	1	Lock nut for support screw MP071, 5/16"-18
MP073	2.70	M-73	3	Screw, hex head, MP070 to MP010, HH 7/16"-14 X 7/8"
MP0801	41.00	M-80-1	1	Coupling, flexible, 5/8" X 1/2", L070, for 48 frame motor
MP0802A	50.00	M-80-1	1	Coupling, flex, 5/8" X 5/8", L075, 56 frame motor, MH Series
MP0802B	41.00	M-80-1	1	Coupling, flex, 5/8" X 5/8", L070 for 56 frame motor, MF Series
MP0802C	50.00		1	Coupling, flex, 5/8" X 7/8", L075, 145 frame motor, MH Series
MP0812A	17.50	M-81-1	1	Spider, rubber, for L070 (4 prongs)
MP0812B	21.00	M-81-2	1	Spider, rubber, for L075 (6 prongs)
MP082A	30.00	M-82	1	Coupling guard, for 48 frame motor
MP082B	11.50		1	Coupling guard, adjustable section, 56 and 145 frame motors
MP083	1.60	M-83	2	Screw for coupling guard, SH 1/4"-20 X 3/8"
MP100A	70.00	M-100	2	Valve body sleeve, 316 stainless steel
MP100B	NA	M-100	2	Valve body sleeve, Carpenter 20
MP100C	42.00	M-100	2	Valve body sleeve, PVC
MP100D	41.00	M-100	2	Valve body sleeve, polypropylene
MP100E	52.00	M-100	2	Valve body sleeve, Kynar
MP101A	12.00	M-101	2	Valve seat, Neoprene

## Pump Repair Parts MF Series, continued

Part No.	Price each	Old No.	Qty	Description
MP101B	NA	M-101	2	Valve seat, Buna
MP101C	14.00	M-101	2	Valve seat, Hypalon
MP101D	41.00	M-101	2	Valve seat, Viton
MP101E	44.00	M-101	2	Valve seat, Teflon
MP102A	9.00	M-102	2	Valve ball, 316 stainless steel
MP102B	71.00	M-102	2	Valve ball, ceramic
MP102C	126.00	M-102	2	Valve ball, Hastelloy C
MP102D	14.00	M-102	2	Valve ball, Teflon
MP103	8.50	M-103	2	Valve cushion, Teflon
MP104A	3.60	M-104	4	Valve gasket, Garlock 3000, Buna
MP104B	6.25	M-104	4	Valve gasket, Gortex, Teflon
MP106A	115.00	M-106	2	Valve seat, cone type valve, 303 SS
MP106B	NA	M-106	2	Valve seat for cone type valve, Carpenter 20, USE MP106A
MP107A1	55.00	M-107	2	Valve stem & nut, cone type valves, 316 SS
MP107B1	N/A	M-107	2	Valve stem, Carpenter 20, DISCONTINUED, USE MP107A1
MP108A	5.50	M-108	2	Valve ring, Neoprene
MP108B	6.00	M-108	2	Valve ring, Buna
MP108C	5.50	M-108	2	Valve ring, Hypalon
MP108D	14.00	M-108	2	Valve ring, Viton
MP108E	29.50	M-108	2	Valve ring, Teflon
MP109A	14.50	M-209	2	Valve spring, M-200 type valves, 316SS
MP110	12.00	M-110	2	Valve spring, cone type valves, Carpenter 20
MP115A	132.00	M-115	2	Valve seat, rigid, M-115 type valve, 316 SS
MP115B	NA	M-115	2	Valve seat, rigid, M-115 type valve, Carpenter 20
MP115C	NA	M-115	2	Valve seat, rigid, M-115 type valve, Teflon, DISCONTINUED
MP119	46.00	M-119	2	Valve sleeve, for double valves
MP120A	230.00	M-120	1	Solution head, PVC
MP120B	400.00	M-120	1	Solution head, Teflon
MP120C	260.00	M-120	1	Solution head, polypropylene
MP121	44.00	M-121	1	Face flange for plastic solution heads, stainless steel
MP122	5.50	M-122	6	Screw, plastic solution head, HH 3/8"-16 X 2.75", SS
MP133	8.50	M-133	6	Screw, plastic head w DDB double diaphragm, 3/8"-16 X 3.75"
MP1232A	45.00	M-123	2	Inlet/outlet, PVC, 3/8" NPT
MP1232B	84.00	M-123	2	Inlet/outlet, Kynar, 3/8" NPT
MP1232C	42.00	M-123	2	Inlet/outlet, polypropylene, 3/8" NPT
MP1233A	55.00	M-123	2	Inlet/outlet, PVC, 3/4" NPT vertical
MP1233B	89.00	M-123	2	Inlet/outlet, Kynar, 3/4" NPT vertical
MP1233C	88.00	M-123	2	Inlet/outlet, polypropylene, 3/4" NPT vertical
MP1234A	NA	M-123	2	Inlet/outlet, PVC, 1/2" NPT vertical
MP1234B	NA	M-123	2	Inlet/outlet, Kynar, 1/2" NPT vertical
MP124	77.00	M-124	1	Valve flange, outlet, for plastic solution heads
MP125	78.00	M-125	1	Valve flange, inlet, for plastic solution heads
MP126B	20.00	M-126	2	Screw for valve cap flanges, HH 3/8"-16 X 10", for plastic solution
MP133	8.50	M-133	6	Screw, plastic head DDB dbl diaphragm, HH 3/8-16 X 3.75"
MP134A	74.00	M-134	1	Type DDB double diaphragm, secondary backup, Neoprene
MP134C	74.00	M-134	1	Type DDB double diaphragm, secondary backup, Hypalon
MP134D	275.00	M-134	1	Type DDB double diaphragm, secondary backup, Viton
MP136	185.00	M-38	1	Piston for Type DDB double diaphragm, 9/16-12 thread
MP140A	N/A	M-140	1	Spacer, Type DDB, w/ plugged drain hole, DISCONTINUED
MP140B	93.00	M-140	1	Spacer, Type DDB dbl diaphragm, w/ plugged drain hole, PVC

Part No.	Price each	Old No.	Qty	Description
MP141	122.00	M-141	1	Secondary piston, Type DDB double diaphragm
MP165	10.50		6	Screw, metal solution head with DDB double diaphragm
MP200A	80.00	M-200	2	Valve body, Type M-200 spring loaded valves, 316 SS
MP200B	NA	M-200	2	Valve body, Type M-200 spring loaded valves, Carpenter 20
MP200C	48.00	M-200	2	Valve body, Type M-200 spring loaded valves, PVC
MP203	11.00	M-203	2	Valve cushion, Type M-200 spring loaded valves, Teflon
MP300A	187.00		1	Diaphragm, Neoprene
MP300C	187.00		1	Diaphragm, Hypalon
MP300D	418.00		1	Diaphragm, Viton
MP300E	262.00		1	Diaphragm, Teflon faced Neoprene
MP300F	467.00		1	Diaphragm, Teflon faced Viton
MP302B	45.00		2	Valve connector, PVC, 3/4" NPT
MP302C	135.00		2	Valve connector, Teflon, 3/4" NPT
MP303A	115.00		2	Valve body, 316 stainless steel
MP303B	62.00		2	Valve body, PVC
MP303C	229.00		2	Valve body, Kynar
MP303D	NA		2	Valve body, Carpenter 20
MP304A	33.00		2	Valve ball, 316 stainless steel
MP304B	370.00		2	Valve ball, Hastelloy C
MP304C	230.00		2	Valve ball, Carpenter 20
MP304D	67.00		2	Valve ball, Viton
MP304E	37.00		2	Valve ball, Teflon
MP305	8.25		2	Ball cushion, Teflon
MP305A	5.00		2	Ball guide, Teflon, metal valves
MP306	49.00		2	Valve seat, Teflon (Rhulon glass filled Teflon)
MP306B	80.00		2	Valve seat, 316 stainless steel
MP306D	105.00		2	Valve seat, ceramic
MP307	7.50		4	Valve gasket, Gortex Teflon
MP308A	29.00		2	Valve nipple, 316 stainless steel
MP308B	30.00		2	Valve bushing, PVC
MP308C	99.00		2	Valve bushing, Kynar
MP308D	NA		2	Valve nipple, Carpenter 20
MP309A	9.00		4	Valve cap flange screw, HH 3/8"-16 X 2.5"
MP309B	35.00		2	Valve cap flange screw, HH 3/8"-16 X 14"
MP314B	645.00		1	Solution head, 316 stainless steel
MP314C	NA		1	Solution head, Carpenter 20
MP314D	500.00		1	Solution head, PVC
MP314E	1,235.00		1	Solution head, Teflon
MP315A	5.50		8	Screw, hex head, HH 1/2"-13 X 1.5"
MP315B	13.00		8	Screw, hex head, HH 1/2"-13 X 3.5"
MP315C	10.00		8	Screw, hex head, HH 1/2"-13 X 5"
MP316	80.00		1	Face flange for plastic solution head
MP317A	162.00		1	Secondary piston, standard
MP317B	162.00		1	Secondary piston, DDB
MP318	51.00		1	Piston extension, DDB
MP320	106.00		1	Valve flange, top, plastic solution head
MP321	110.00		1	Valve flange, bottom, plastic solution head
MP325	47.00		1	Footplate, solution head support, SS
MP326	6.60		2	Screw, hex head, HH 1/2"-13 X 3/4"
MP360A	160.00		1	Backup Diaphragm, Neoprene

Part No.	Price each	Old No.	Qty	Description
MP360C	160.00		1	Backup diaphragm, Hypalon
MP360D	395.00		1	Backup diaphragm, Viton
MP362A	NA		1	Adapter ring, DDB double diaphragm, carbon steel
MP362B	475.00		1	Spacer, DDB double diaphragm, PVC
MP370A B	835.00		1	Pump body

### Pump Repair Parts Price List, JN & JR Series Parts

Part No.	Price, each	Old No.	Qty.	Description
JN010A	140.00		1	Pump body, simplex
JN011A-E	437.00		1	Gear reducer, specify pump model no.
JN012A	25.00		1	Drive shaft, simplex
JN012B	34.00		1	Drive shaft, duplex
JN013	13.00		1	Cover, gear reducer shaft outlet
JN015	1.00		4	Screw, M-14
JN016	4.00		1	Bushing, bronze
JN040	35.00		1	Eccentric
JN044	34.00		1	Piston
JN049	25.00		1	Top plate
JN049A	4.00		1	Label for top plate, self adhesive
JN051	5.00		1	Gasket
JN053	8.00		1	Spring, knob
JN055	53.00		1	Stroke adjustment cam shaft
JN056	2.25		4	Screw, HH, 3/8-16 X 1"
JR010S	NA	JR-10-S	1	Pump body, obsolete
JR011	15.00	JR-11	4	Bushing
JR012	3.80	JR-12	4	Expansion plug
MP022	2.25	JR-12	1	Oil plug
MP021	0.90	JR-15	4	Mounting screw, HH 1/4" -20 X 5/8"
MP016	90.00	JR-16	1	Bearing cap
MP017	13.00	JR-17	1	Oil seal
MP019	26.00	JR-19	2	Tapered roller bearing
MP020A	12.00	JR-20	1	Gasket set
MP021	0.90	JR-21	4	Screw, bearing cap, HH 1/4" -20 X 5/8"
JR022	141.00	JR-22	1	Worm drive shaft
JR023	181.00	JR-23	1	Worm gear
JR024	2.75	JR-24	1	Set screw, worm gear, SH 1/4" -20 X 1/4"
JR026S	50.00	JR-26-S	1	Drive shaft, bottom, simplex
JR027S	50.00	JR-27-S	1	Drive shaft, top, simplex
JR028	1.50	JR-28	4	Woodruff key
JR029	15.00	JR-29	1	Thrust collar
JR033	91.00	JR-33	1	Spur gear, 32 teeth
JR034	181.00	JR-34	1	Spur gear, 48 teeth
JR035	181.00	JR-35	1	Spur gear, 58 teeth
JR040	43.00	JR-40	1	Eccentric
JR042	66.00	JR-42	1	Roller bearing, for eccentric
JR044	76.00	JR-44	1	Piston
JR045	36.00	JR-45	1	Spring, for piston
JR046	25.00	JR-46	1	Retainer plate, for spring
JR047	1.25	JR-47	2	Screw, for retainer plate, FH 1/4" -20 X 1/2"
JR49S	106.00	JR-49-S	1	Cover assembly, simplex
JR051	6.00	JR-51	1	Gasket, cover

Part No.	Price, each	Old No.	Qty.	Description
JR052	22.00	JR-52	1	Knob, stroke adjustment
JR055	75.00	JR-55	1	Stroke adjustment cam shaft
JR056	0.65	JR-56	1	Adjustment lock screw
JR058A	147.00	JR-58-A	1	Solution head, PVC
JR058B	294.00	JR-58-B	1	Solution head, 316 stainless steel
JR058C	NA	JR-58-C	1	Solution head, Carpenter 20
JR058D	218.00	JR-58-D	1	Solution head, Teflon
JR059	3.00	JR-59	4	Screw, metal solution head, SH 5/16"-18 X 3/4"
JR060A	78.00	JR-60	1	Diaphragm, Neoprene
JR060B	198.00	JR-60	1	Diaphragm, Teflon faced
JR060C	NA	JR-60	1	Diaphragm, Buna
JR060D	199.00	JR-60	1	Diaphragm, Viton
JR060E	111.00	JR-60	1	Diaphragm, Hypalon
JR062	47.00	JR-62	1	Face flange for plastic solution head, SS
JR063	5.00	JR-63	4	Screw, plastic solution head, HH 5/16"-18 X 1-3/4"
JR064	27.00	JR-64	1	Valve flange, top
JR065	29.00	JR-65	1	Valve flange, bottom
JR066	40.00	JR-66	2	Screw, valve flange
JR067A	43.00	JR-67-A	2	Valve body, PVC
JR067B	100.00	JR-67-B	2	Valve body, 316 stainless steel
JR067C	NA	JR-67-C	2	Valve body, Carpenter 20
JR067D	67.00	JR-67-D	2	Valve body, Kynar
JR068	21.50	JR-68-B	4	Valve seat, Teflon (Rhulon glass filled Teflon)
JR068A-E	N/A	JR-68-A	4	Valve seat - DISCONTINUED, USE JR068
JR069	4.75	JR-69	4	Valve cushion, Teflon
JR070A	10.00	JR-70-A	4	Valve ball, 316 stainless steel
JR070B	25.00	JR-70-B	4	Valve ball, ceramic
JR070C	50.00	JR-70-C	4	Valve ball, Hastelloy C
JR071A	N/A	JR-71	2	Valve gasket, DISCONTINUED, USE JR071B
JR071B	3.55	JR-71	2	Valve gasket, Inertex, Teflon
JR072	4.55	JR-72	2	Snap ring, valve body
JR080	32.00	JR-80	1	Motor coupling, 5/8" X 1/2", L070, for 48 frame motor
JR081	70.00	JR-81	1	Motor mounting bracket
JR082	.65	JR-82	1	Screw, motor mount support, HH 1/4"-20 X 3/8"
JR083	.65	JR-83	3	Screw, motor bracket, HH 1/4"-20 X 3/8"
MP022	2.25	JR-84	1	Plug, drain
JR091A	34.00		1	Type DDB double diaphragm, backup, Neoprene
JR091D	56.00		1	Type DDB double diaphragm, backup, Viton
JR091E	36.00		1	Type DDB double diaphragm, backup, Hypalon
JR092	84.00		1	Spacer, Type DDB double diaphragm, PVC
JR093	124.00		1	Secondary piston, Type DDB double diaphragm