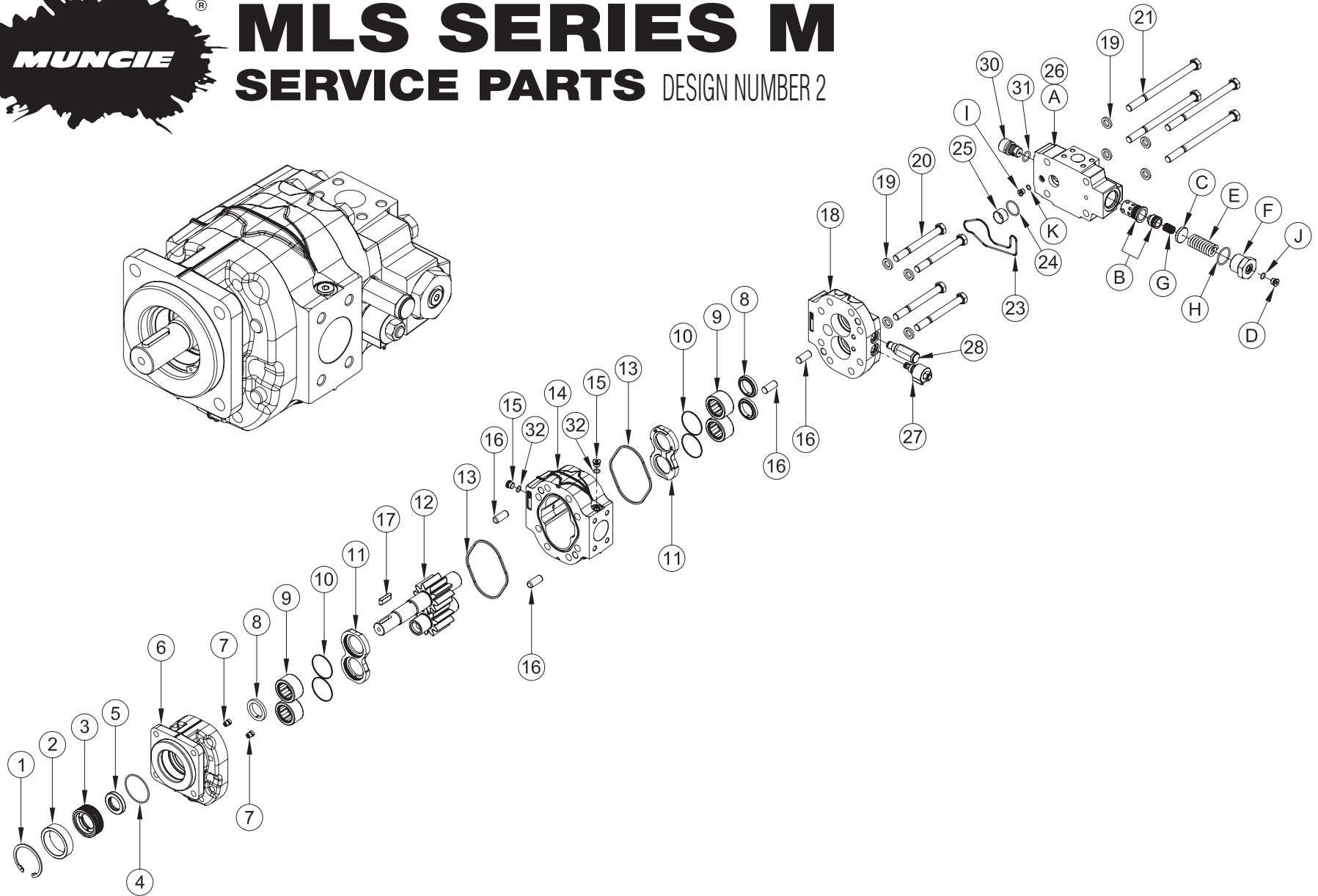
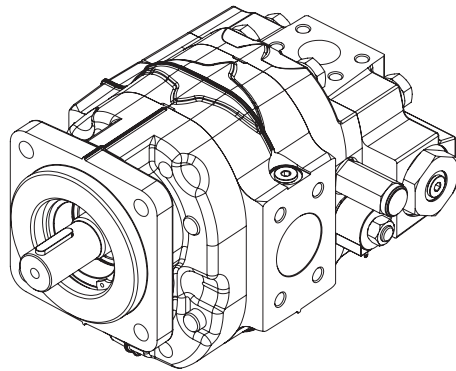




MLS SERIES M

SERVICE PARTS DESIGN NUMBER 2



Muncie[®]
Power
Products

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MLS M SERIES SERVICE PARTS

ITEM	DESCRIPTION	QTY.	MUNCIE PART NO.	ITEM	DESCRIPTION	QTY.	MUNCIE PART NO.
1	O.B. Snap Ring	1	PM1-1001	26	Valve Body Assembly	1	PM1-1040-LPV
2	Spacer	1	PM1-1002-D	A	Valve Housing	1	PM1-1040-LPV001
3	Seal Retainer	1	PM1-1003M	B	Poppet & Metering Spool	1	PM1-1040-LPV003A
4	Retainer O' Ring	1	PM1-1004	C	Washer (0.031 Orifice)	1	PM1-1040-LPV004
5	Shaft Seal	1	PM1-1005	D	Plug -6 SAE	1	HHBP-6Z
6	Front Cover			E	Metering Spring	1	PM1-1040-LPV006
	SAE C 4 Bolt	1	PM1-1107-CLXXX	F	Spool End Cap	1	PM1-1040-LPV007
	SAE C 2 Bolt	1	PM1-1107-LLXXX	G	Poppet Spring	1	PM1-1040-LPV008
7	Check Valve	2	PS1-1010	H	O-Ring,Cap Plug	1	BOR-20
8	Ring Seal	3	PM1-1008-011	I	Plug -4 SAE (w/ 0.078 Dia.)	1	PM1-1040-LPV005B
9	Bearing	4	PM1-1013	J	O-ring, 0.47 x 0.079	1	BOR-6
10	Pressure Balance Seal	4	PM1-1009M	K	O-ring, 0.36 x 0.07	1	BOR-4
11	Wear Plate	2	PM1-1014M	27 ^{C,D}	Solenoid Coil	1	35T37427
12	Gear Set			28 ^C	Relief Valve Fixed	1	35T37435
	1-1/4 Round Shaft 27GPM	1	PM1-1016-K07-27-2		Relief Valve Blanking Plug	1	25T37436
	1-1/4 Round Shaft 31GPM	1	PM1-1016-K07-31-2	30 ^B	Orifice Plug		
	1-1/4 Round Shaft 35GPM	1	PM1-1016-K07-35-2		22GPM Through Hole	1	25T37469-000
	1-1/4 Round Shaft 40GPM	1	PM1-1016-K07-40-2		25GPM 0.0935 inches	1	25T37469-093
	1-1/4 Round Shaft 44GPM	1	PM1-1016-K07-44-2		30GPM 0.1562 inches	1	25T37469-156
	1-1/4 14T Splined 27GPM	1	PM1-1016-S05-27-2		35GPM 0.2031 inches	1	25T37469-203
	1-1/4 14T Splined 31GPM	1	PM1-1016-S05-31-2		40GPM 0.2188 inches	1	25T37469-218
	1-1/4 14T Splined 35GPM	1	PM1-1016-S05-35-2		45GPM 0.2500 inches	1	25T37469-250
	1-1/4 14T Splined 40GPM	1	PM1-1016-S05-40-2		50GPM 0.2812 inches	1	25T37469-281
13	Body Seal	2	PM1-1015		55GPM 0.3120 inches	1	25T37469-312
14	Body				60GPM 0.3438 inches	1	25T37469-343
	27GPM	1	PM1-1125-27-COU		65GPM 0.3750 inches	1	25T37469-375
	31GPM	1	PM1-1125-31-CPD		70GPM 0.3906 inches	1	25T37469-390
	35GPM	1	PM1-1125-35-CPD		75GPM 0.4130 inches	1	25T37469-413
	40GPM	1	PM1-1125-40-CPD	31	Orifice Plug O-Ring	1	12T37473
	44GPM	1	PM1-1125-44-CPD	32	O-ring	1	BOR-6
15	Test Port Plug -6 SAE	2	HHBP-6Z	NS	Seal & O-Ring Kit	1	GSK-PM1-LPV
16	Dowel Pin	4	PM1-1024				
17	Shaft Key	1	PM1-1017		KIT "GSK-PM1-LPV" CONTAINS THE FOLLOWING		
18	Rear Cover	1	PM1-1126-LPV		Retainer O-Ring	1	PM1-1004
19	Washer	8	PE1-1230		Pressure Balance Seal	4	PM1-1009M
20 ^A	Capscrew Short				Body Seal	3	PM1-1015
	27GPM, 5/8-11UNC X 5-1/4	4	PL1-1028-14		Shaft Seal	1	PM1-1005
	31GPM, 5/8-11UNC X 5-1/2	4	PL1-1028-16		O-Ring	1	PM1-1032-235
	35GPM, 5/8-11UNC X 5-3/4	4	PL1-1028-19		O-Ring	1	PM1-1032-618
	40GPM, 5/8-11UNC X 6	4	PL1-1028-23		KIT "RBK-PM1-LPV" CONTAINS THE FOLLOWING		
	44GPM, 5/8-11UNC X 6-1/2	4	PL1-1028-25		Wear Plate	2	PM1-1014M
21 ^A	Capscrew Long				Retainer O-Ring	1	PM1-1004
	27 GPM, 5/8"-11 UNC X 8	4	PM1-1028-700		Ring Seal	3	PM1-1008-011
	31\35 GPM, 5/8"-11 UNC X 8-1/2	4	PM1-1028-706		Pressure Balance Seal	2	PM1-1009M
	40\44 GPM, 5/8"-11 UNC X 9	4	PM1-1028-351		Body Seal	3	PM1-1015
23	O-Ring Rear Cover Channel	1	PM1-1032-235		Shaft Seal	1	PM1-1005
24	O-Ring Seal Hollow Dowell	1	PM1-1032-618		O-Ring	1	PM1-1032-235
25	Hollow Dowell Pin	1	PM1-1024-515		O-Ring	1	PM1-1032-618
					KIT "PM1-1013K" CONTAINS THE FOLLOWING		
					Bearing	4	PM1-1013

NOTES:

- A. Torque capscrews to 200 ft.lbs.
- B. Torque orifice plug to 85 ft.lbs.
- C. Torque solenoid coil and relief cartridge to 20 ft.lbs.
- D. Torque solenoid coil nut to 5 ft.lbs.