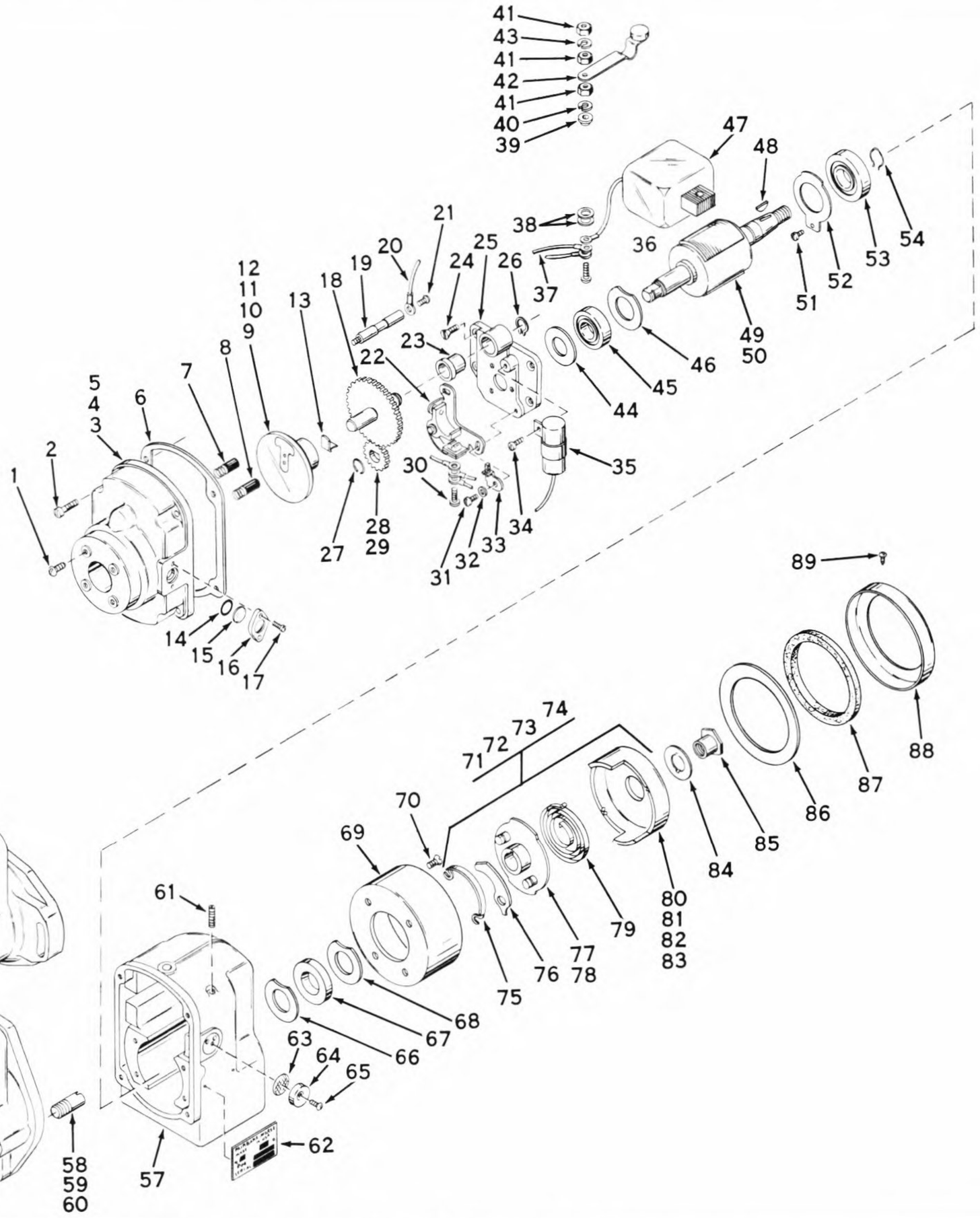
Colt Industries

Fairbanks Morse
Engine Accessories Division
BELOIT, WISCONSIN

PARTS LIST
TYPE FMLTPF2 MAGNETOS
FMLTPF2A42, 2B28, 28A, 102, 102A
10 009 247, 10 009 258, 10 009 285
10 009 242, 10 009 243



DATA		FM LTPF2 A42	FM LTPF2 B28	FM LTPF2 B28A	FM LTPF2 B102	FM LTPF2 B102A	MAGNETO PART NUMBERS
	Rotation	CW	CCW	CW	CW	CW	
	Impulse Coupling	UA	UBL	UB	UB	UB	
	Lag Angle	35°	40°	40°	35°	35°	
Engine Manufacturer and Specification Number	Cooper Bessemer	X	-	-	-	-	FMLTPF2A42 10 009 247
	Ajax Iron Works	-	X	-	-	-	FMLTPF2B28 10 009 258
	Ajax Iron Works BM10966A	-	-	X	-	-	FMLTPF2B28A 10 009 285
	Lufkin Fdry & Mchy Co. AP23566	-	-	-	X	-	FMLTPF2B102 10 009 242
	Lufkin Fdry & Mchy Co. AP23568	-	-	-	-	X	FMLTPF2B102A 10 009 243

Ref. No.	Part Number	Part Number	Number Used					Description
1	10 003 566	10FS4D	2	2	2	2	2	End cap term. screw, 10-32 x 1/4
2	10 000 895	10S14D	4	4	4	4	4	End cap screw, 10-24 x 7/8
3	10 011 027	JZ2430	1	-	-	-	-	End cap
4	10 011 989	DA2430C	-	1	1	-	-	End cap
5	10 010 949	T2430C	-	-	-	1	1	End cap
6	10 082 498	H2498	1	1	1	1	1	Gasket - end cap to housing
7	10 010 994	F2460A	4	4	4	4	4	Distr. brush and spring

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Ref. No.	Part Number	Part Number	Number Used					Description
8	10 004 256	F2460B	1	1	1	1	1	Center brush and spring
9	10 011 230	LX2765	1	-	-	-	-	Distr. disc
10	10 011 747	WX2765	-	1	-	-	-	Distr. disc
11	10 011 228	JX2765	-	-	1	-	-	Distr. disc
12	10 011 229	KX2765	-	-	-	1	1	Distr. disc
13	10 000 659	A2766	1	1	1	1	1	Distr. rotor spring clip
14	10 031 915	D6061	1	1	1	1	1	"O" ring
15	10 003 953	D6032	1	1	1	1	1	Timing window
16	10 003 952	B6033	1	1	1	1	1	Timing window cover
17	10 003 955	4S4K	2	2	2	2	2	Screw, 4-24 x 1/4
18	10 010 377	HX5939	1	1	1	1	1	Distr. shaft and gear
19	10 010 927	GX983A	1	1	1	1	1	High tension lead
20	10 004 240	G2499A	1	1	1	1	1	Prim. term. to high tension lead wire
21	10 000 353	8S4N	1	1	1	1	1	Screw, 8-32 x 1/4
22	10 013 235	Q2437A	1	1	1	1	1	Point set
23	10 010 989	F5950C	1	1	1	1	1	Distr. bearing
24	10 000 668	8S6G	4	4	4	4	4	Screw, 8-32 x 3/8
25	10 010 656	DY4631	1	1	1	1	1	Bearing support
26	10 071 498	G1498	1	1	1	1	1	Distr. gear snap ring
27	10 041 498	D1498	1	1	1	1	1	Rotor gear snap ring
28	10 010 360	Q5952	1	-	-	1	1	Rotor gear
29	10 010 975	R5952	-	1	1	-	-	Rotor gear
30	10 011 694	6S6Z	1	1	1	1	1	Terminal screw, 6-32 x 3/8
31	10 010 306	8S5U	2	2	2	2	2	Spt. screw and lockwasher, 8-32 x 5/16
32	10 025 969	B5969	2	2	2	2	2	Support washer, #8
33	10 072 788	G2788	1	1	1	1	1	Cam wick and holder
34	10 001 818	6S4U	1	1	1	1	1	Screw, 6-32 x 1/4
35	10 011 717	RX2433	1	1	1	1	1	Condenser
36	10 010 784	8S14N	1	1	1	1	1	Ground switch screw, 8-32 x 7/8
37	10 004 233	B2499A	1	1	1	1	1	Prim. term. to bkr. arm term. wire
38	10 036 018	C6018	2	2	2	2	2	Ground switch insulated washer
39	10 011 901	N2457A	1	1	1	1	1	Ground switch bushing
40	10 000 443	8LW6	1	1	1	1	1	Lockwasher, #1208
41	10 000 248	8N1	3	3	3	3	3	Ground switch nut
42	10 010 619	M2514	1	1	1	1	1	Ground switch insulated lever
43	10 000 760	8LW5	1	1	1	1	1	Ground switch locker
44	10 010 845	E2493	1	1	1	1	1	Inner grease ret. washer - brg. spt.
45	10 145 949	D5949A	1	1	1	1	1	Rotor cam end bearing
46	10 112 492	A2492C	1	1	1	1	1	Outer grease ret. washer - brg. spt.
47	10 010 968	LV2477C	1	1	1	1	1	Coil
48	10 000 279	3K1	1	1	1	1	1	Key
49	10 010 896	KR2480	1	-	1	1	1	Rotor
50	10 011 429	VR2480	-	1	-	-	-	Rotor
51	10 001 930	8S6U	1	1	1	1	1	Screw, 8-32 x 3/8
52	10 003 944	A2492D	1	1	1	1	1	Bearing ret. washer - rotor drive end
53	10 105 949	C5949	1	1	1	1	1	Rotor drive end bearing
54	10 131 498	B1498D	1	1	1	1	1	Rotor shaft snap ring
55	10 013 232	ET2425	-	-	-	1	-	Housing
56	10 004 262	MV2425	-	1	1	-	1	Housing
57	10 011 092	UV2425	1	-	-	-	-	Housing
58	10 172 568	S2568	-	-	1	-	1	Impulse coupling pawl stop pin
59	10 062 568	F2568	-	1	-	-	-	Impulse coupling pawl stop pin
60	10 182 568	T2568	-	-	-	1	-	Impulse coupling pawl stop pin
61	10 010 938	31SS14A	2	2	2	2	2	Setscrew, 5/16-24 x 7/8
62	10 010 195	A195	1	1	1	1	1	Name plate
63	10 003 564	C6032B	2	2	2	2	2	Vent screen
64	10 004 099	B6030A	2	2	2	2	2	Vent cover
65	10 002 306	6S4L	2	2	2	2	2	Screw, 6-32 x 1/4
66	10 112 492	A2492C	1	1	1	1	1	Inner seal - rotor drive end
67	10 073 861	G3861	1	1	1	1	1	Rotor drive end seal
68	10 012 492	A2492A	1	1	1	1	1	Outer seal - rotor drive end
69	10 034 591	C4591	1	-	-	-	-	Coupling outer shell assembly
70	10 000 726	25S6G	4	-	-	-	-	Screw, 1/4-20 x 3/8
71	15 652 562	TY2563C-35	1	-	-	-	-	Coupling assembly
72	10 452 564	RV2563C-40	-	1	-	-	-	Coupling assembly
73	10 013 221	ST2563C-40	-	-	1	-	-	Coupling assembly
74	15 502 564	UV2563C-35	-	-	-	1	1	Coupling assembly
75	10 013 586	A1498J	1	1	1	1	1	Pawl lock spring
76	10 001 360	Q2566	1	1	1	1	1	Coupling pawl
77	10 262 563	BX2563	1	-	1	1	1	Coupling hub assembly
78	10 252 563	AX2563	-	1	-	-	-	Coupling hub assembly
79	10 042 565	D2565	1	1	1	1	1	Impulse coupling drive spring
80	10 275 957	CX5957	-	-	1	-	-	Impulse coupling shell
81	10 235 957	Y5957	-	-	-	1	1	Impulse coupling shell
82	10 155 957	Q5957	1	-	-	-	-	Impulse coupling shell
83	15 655 957	TY5957	-	1	-	-	-	Impulse coupling shell
84	10 011 781	B5931B	1	1	1	1	1	Impulse coupling nut lockwasher
85	10 011 740	U2570	1	1	1	1	1	Impulse coupling nut
86	10 042 502	D2502	1	-	-	-	-	Coupling outer shell flat washer
87	10 035 968	C5968	1	-	-	-	-	Coupling outer shell felt washer
88	10 042 428	D2428	1	-	-	-	-	Cupped washer - coupling outer shell
89	10 026 222	B6222	1	-	-	-	-	Coupling outer shell screw