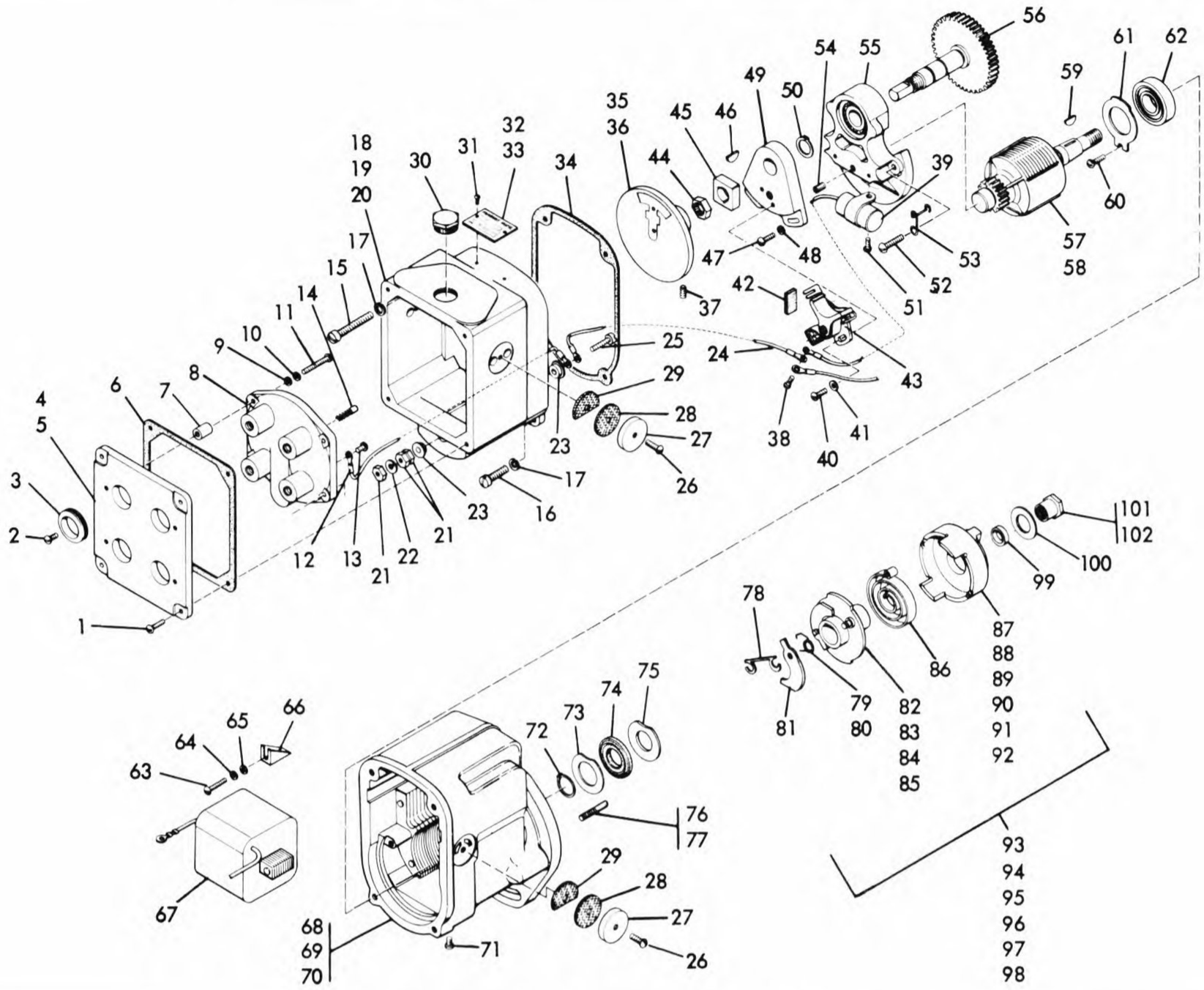
Colt Industries

Fairbanks Morse
Engine Accessories Operation

BELOIT, WISCONSIN

PARTS LIST
TYPE FMLTR4B MAGNETOS
FMLTR4B3, 3A, 8, 8A, 16S, 19
10 006 176, 10 006 177, 10 006 171
10 009 290, 10 009 756, 10 006 167



DATA		FM LTR4 B3	FM LTR4 B3A	FM LTR4 B8	FM LTR4 B8A	FM LTR4 B16S	FM LTR4 B19	MAGNETO PART NUMBERS
Rotation		CW	CCW	CCW	CW	CW	CW	
Impulse Coupling		UB	UBL	UBL	UB	UB	UB	
Lag Angle		30°	30°	35°	35°	35°	35°	
Engine Manufacturer and Specification Number	Allis-Chalmers	X	-	-	-	-	-	FMLTR4B3 10 006 176
	Allis-Chalmers	-	X	-	-	-	-	FMLTR4B3A 10 006 177
	Waukesha Motors - 85-507-1	-	-	X	-	-	-	FMLTR4B8 10 006 171
	Waukesha Motors - 85-507-2	-	-	-	X	-	-	FMLTR4B8A 10 009 290
	Continental Motors	-	-	-	-	X	-	FMLTR4B16S 10 009 756
	Climax Engine Mfg. Co. - 85-510	-	-	-	-	-	X	FMLTR4B19 10 006 167

Ref. No.	Part Number	Part Number	Number Used						Description
1	10 000 890	8S8D	4	4	4	4	4	4	Cover screw #8-32 x 1/2
2	10 003 566	10FS4D	4	4	4	4	4	4	Terminal screw #10-24 x 1/4
3	10 011 132	N2473	4	4	4	4	4	4	Grommet
4	10 013 267	J800A	1	1	1	1	1	1	Cover plate
5	10 011 179	A800F	1	1	1	1	1	1	Cover complete
6	10 011 714	G682A	1	1	1	1	1	1	Gasket
7	10 011 134	B2982	4	4	4	4	4	4	Spacer
8	10 013 269	N2474E	1	1	1	1	1	1	Distributor block
9	10 025 969	B5969	4	4	4	4	4	4	Distributor block washer #8
10	10 000 443	8LW6	4	4	4	4	4	4	Distributor block lockwasher
11	10 010 145	8S16N	4	4	4	4	4	4	Distributor block screw #8-32 x 1
12	10 011 540	M2499	1	1	1	1	1	1	Terminal wire assembly
13	10 001 617	8S4U	1	1	1	1	1	1	Distributor block terminal screw #8-32 x 1/4
14	10 010 994	F2460A	5	5	5	5	5	5	Brush and spring
15	10 013 891	25S24A	2	2	2	2	2	2	End cap screw 1/4-20 x 1-1/2
16	10 013 889	25S12A	2	2	2	2	2	2	End cap screw #10-24 x 3/4
17	10 013 890	25LW2	4	4	4	4	4	4	End cap lockwasher
18	10 011 140	GY2430A	1	1	1	1	1	-	End cap
19	10 011 137	Z2430C	1	1	1	1	1	1	End cap complete

Magneto Parts List

Ref. No.	Part Number	Part Number	B3	B3A	B8	B8A	B16S	B19	Description
			Number Used						
20	10 011 971	CA2430C	-	-	-	-	-	1	End cap complete
21	10 001 141	10N2	3	3	3	3	3	3	Terminal nut
22	10 000 240	10LW2	1	1	1	1	1	1	Terminal lockwasher
23	10 011 291	M2457A	2	2	2	2	2	2	Terminal bushing
24	10 011 540	M2499	1	1	1	1	1	1	Terminal wire assembly
25	10 001 730	10S18D	1	1	1	1	1	1	Terminal screw #10-24 x 1/8
26	10 000 662	6S6N	4	4	4	4	4	4	Vent cover screw #6-32 x 3/8
27	10 011 232	A1232	4	4	4	4	4	4	Vent cover
28	10 000 527	A1233	4	4	4	4	4	4	Vent copper mesh
29	10 036 032	A6032A	4	4	4	4	4	4	Vent screen
30	10 010 690	E5967	1	1	1	1	1	1	Timing window capscrew
31	10 000 145	2S2V	2	2	2	2	2	2	Name plate screw #2 x 1/8
32	10 010 195	A195	1	1	-	-	1	1	Name plate
33	10 011 785	F195	-	-	1	1	-	-	Name plate
34	10 062 498	F2498	1	1	1	1	1	1	Gasket
35	10 011 186	UX2765	-	1	1	-	-	-	Distributor rotor
36	10 011 185	VX2765	1	-	-	1	1	1	Distributor rotor
37	14 054 002	54-2	1	1	1	1	1	1	Rotor setscrew #10-32 x 5/16
38	10 011 694	6S6Z	1	1	1	1	1	1	Breaker arm terminal screw #6-32 x 3/8
39	10 011 717	RX2433	1	1	1	1	1	1	Condenser
40	10 001 930	8S6U	2	2	2	2	2	2	Contact support screw #8-32 x 3/8
41	10 025 969	B5969	2	2	2	2	2	2	Support plate washer #8
42	10 042 788	D2788	1	1	1	1	1	1	Cam wick
43	10 011 673	S2437A	1	1	1	1	1	1	Point set
44	10 010 277	43N2	1	1	1	1	1	1	Cam nut
45	10 010 188	K2432	1	1	1	1	1	1	Cam
46	10 000 378	00K1	1	1	1	1	1	1	Key
47	10 000 890	8S8D	2	2	2	2	2	2	Support plate screw #8-32 x 1/2
48	10 025 969	B5969	2	2	2	2	2	2	Support washer #8
49	10 003 361	Y2424	1	1	1	1	1	1	Support plate
50	10 010 267	W1498	1	1	1	1	1	1	Distributor shaft snap ring
51	10 013 062	8S5NA	1	1	1	1	1	1	Condenser mounting screw #8-32 x 5/16
52	10 000 894	10S12D	3	3	3	3	3	3	Bearing support screw #10-24 x 3/4
53	10 011 382	H2471	1	1	1	1	1	1	Lead wire bracket
54	10 011 417	25SS4B	1	1	1	1	1	1	Bearing support setscrew 1/4-20 x 1/4
55	10 011 337	JY4631	1	1	1	1	1	1	Bearing support
56	10 011 178	PX5939	1	1	1	1	1	1	Distributor shaft and gear
57	10 013 031	CP2480	-	-	-	-	1	-	Magnetic rotor
58	10 011 176	XR2480	1	1	1	1	-	1	Magnetic rotor
59	10 000 379	3K1	1	1	1	1	1	1	Key
60	10 001 930	8S6U	1	1	1	1	1	1	Retainer screw #8-32 x 3/8
61	10 003 944	A2492D	1	1	1	1	1	1	Bearing retainer
62	10 105 949	C5949	1	1	1	1	1	1	Drive end bearing
63	10 010 145	8S16N	2	2	2	2	2	2	Wedge screw #8-32 x 1
64	10 000 443	8LW6	2	2	2	2	2	2	Wedge lockwasher #8
65	10 025 969	B5969	2	2	2	2	2	2	Wedge plate washer #8
66	10 010 017	F3236	2	2	2	2	2	2	Coil wedge
67	10 003 770	TB2477C	1	1	1	1	1	1	Coil
68	10 010 056	CU2425	1	1	1	1	-	-	Housing
69	10 011 972	GU2425	-	-	-	-	-	1	Housing
70	10 013 033	VU2425	-	-	-	-	1	-	Housing
71	10 001 818	6S4U	-	-	3	3	3	3	Drain hole screw #6-32 x 1/4
72	10 011 045	D1498B	1	1	1	1	1	1	Rotor shaft snap ring
73	10 112 492	A2492C	1	1	1	1	1	1	Seal inner washer
74	10 073 861	G3861	1	1	1	1	1	1	Drive end seal
75	10 012 492	A2492A	1	1	1	1	1	1	Seal outer washer
76	10 062 568	F2568	-	1	1	-	-	-	Pawl stop pin CCW
77	10 172 568	S2568	1	-	-	1	1	1	Pawl stop pin CW
78	10 013 586	A1498J	1	1	1	1	1	1	Pawl lock spring
79	10 013 241	R5963	-	2	2	-	-	-	Coupling pawl spring
80	10 013 543	T5963	2	-	-	2	2	2	Coupling pawl spring
81	10 001 360	Q2566	2	2	2	2	2	2	Coupling pawl
82	10 172 563	S2563	1	-	-	1	-	-	Hub assembly
83	10 032 560	LZ2563	-	1	1	-	-	-	Hub assembly
84	10 012 560	CZ2563	-	-	-	-	1	-	Hub assembly
85	10 011 968	YZ2563	-	-	-	-	-	1	Hub assembly
86	10 052 565	E2565	1	1	1	1	1	1	Coupling drive spring
87	10 125 957	M5957	-	1	-	-	-	-	Coupling shell
88	10 135 957	N5957	1	-	-	-	-	-	Coupling shell
89	10 275 957	CX5957	-	-	-	1	-	-	Coupling shell
90	15 615 957	PY5957	-	-	-	-	1	-	Coupling shell
91	10 045 958	DZ5957	-	-	1	-	-	-	Coupling shell
92	10 011 970	MZ5957	-	-	-	-	-	1	Coupling shell
93	10 362 558	AS2563C	-	1	-	-	-	-	Coupling complete
94	10 402 560	RU2563C	1	-	-	-	-	-	Coupling complete
95	10 292 560	FU2563C	-	-	1	-	-	-	Coupling complete
96	10 402 559	MT2563C	-	-	-	1	-	-	Coupling complete
97	10 312 559	YU2563C	-	-	-	-	-	1	Coupling complete
98	10 072 564	PW2563C	-	-	-	-	1	-	Coupling complete
99	10 072 572	G2572	-	-	-	-	1	-	Drive gear bushing
100	10 011 781	B5931B	1	1	1	1	-	1	Coupling nut washer
101	10 162 570	R2570	-	-	-	-	1	-	Coupling nut
102	10 011 740	U2570	1	1	1	1	-	1	Coupling nut