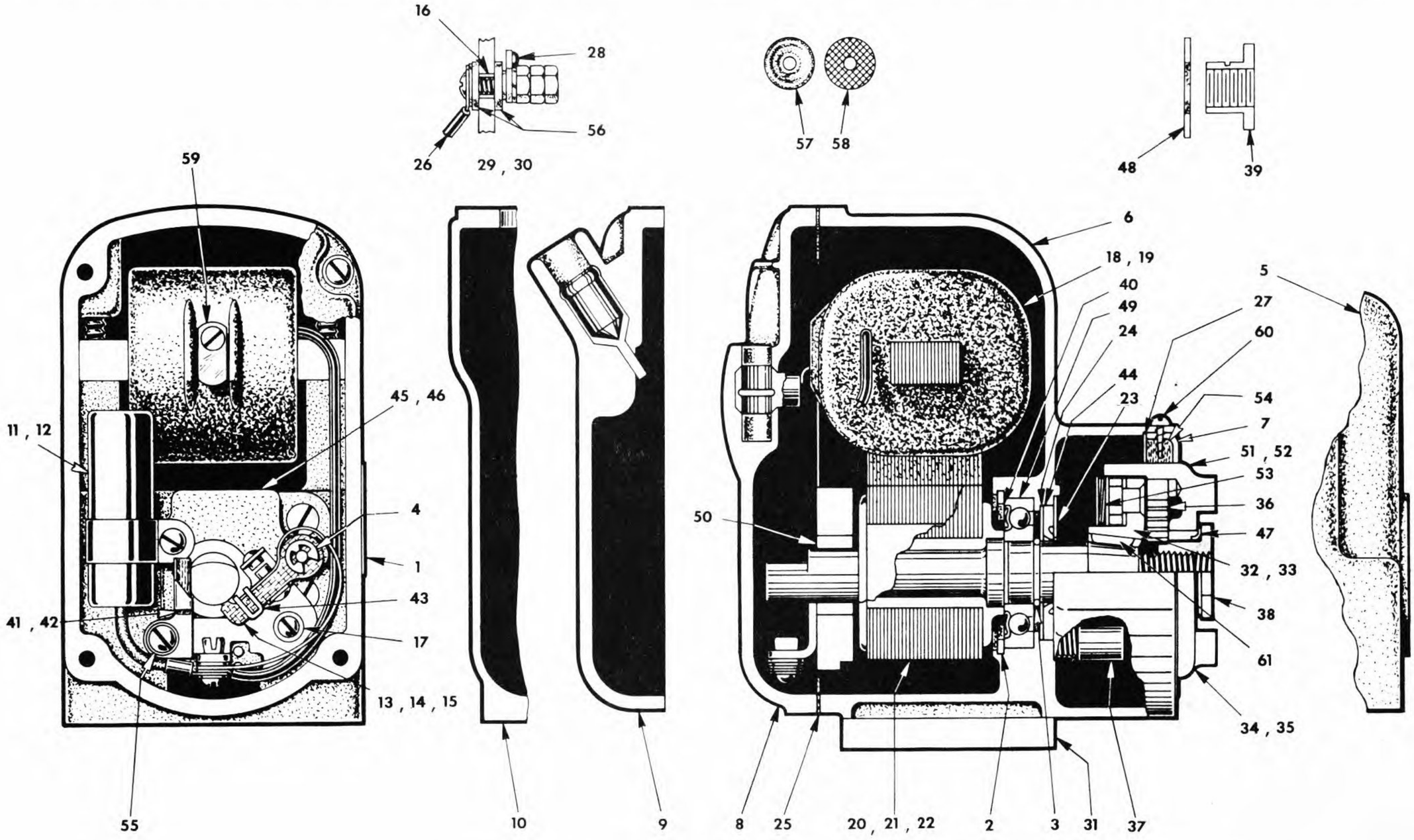
FAIRBANKS MORSE
A MAJOR INDUSTRIAL COMPONENT OF
FAIRBANKS WHITNEY

MAGNETO PARTS DATA

MAGNETO and ENGINE ACCESSORIES DIVISION • BELOIT, WISCONSIN



RENEWAL PARTS DATA
TYPES FM-X1A2, FM-X1A2A, FM-X1A7, FM-X1A7-1, FM-X1A7C, FM-X1A7E MAGNETOS

Illustration shown is of a CW rotation magneto. Parts for a CCW rotation magneto are similar but in a different position.

Data	Engine Manufacturer and Specification Number	Type Magnetos					
		FM-X1A2	FM-X1A2A	FM-X1A7	FM-X1A7-1	FM-X1A7C	FM-X1A7E
Rotation		CW	CW	CCW	CCW	CCW	CCW
Imp. Cplg.		-	-	UCL	UCL	UCL	UCL
Lag Angle		-	-	30°	30°	30°	25°
	Fairbanks, Morse & Co.	X	X				
	Wisconsin Motor Corp. - Y-72	-	-	X			
	Wisconsin Motor Corp. - Y-72-G	-	-	-	X		
	Wisconsin Motor Corp. - Y-72-F	-	-	-	-	X	
	Wisconsin Motor Corp. - Y-72-E	-	-	-	-	-	X

Ref. No.	Order by Part No.	Name of Part	Number Used					
			FM-X1A2	FM-X1A2A	FM-X1A7	FM-X1A7-1	FM-X1A7C	FM-X1A7E
1	A195	Name Plate	1	1	1	1	1	1
2	B1498B	Drive End Bearing Snap Ring	1	1	1	1	1	1
3	B1498D	Rotor Shaft Snap Ring	1	1	1	1	1	1
4	C1498G	Fulcrum Pin Snap Ring	1	1	1	1	1	1
5	V2425	Housing	1	1	-	-	-	-
6	ZX2425	Housing	-	-	1	1	1	1

PRINTED IN U.S.A.

Ref. No.	Order by Part No.	Name of Part	Number Used					
			FM-X1A2	FM-X1A2A	FM-X1A7	FM-X1A7-1	FM-X1A7C	FM-X1A7E
7	E2428	Outer Shell Cupped Washer	-	-	1	1	1	1
8	AX2430	End Cap	-	-	1	-	-	1
9	BZ2430	End Cap	1	1	-	-	1	-
10	WX2430A	End Cap Assembly	-	-	-	1	-	-
	10S12D	End Cap Screw - #10-24x$\frac{3}{4}$"	4	4	4	4	4	4
11	AXMR2433	Condenser	1	-	1	1	1	1
12	SXY2433	Condenser	-	1	-	-	-	-
	8S4U	Condenser Screw - #8-32x$\frac{1}{4}$"	1	1	1	1	1	1
13	A2437A	Breaker Point Set - CW	1	1	-	-	-	-
14	B2437A	Breaker Point Set - CCW	-	-	1	1	-	1
15	B2437AX	Breaker Point Set	-	-	-	-	1	-
	6S6Z	Terminal Screw - #6-32x$\frac{3}{8}$"	1	1	1	1	1	1
	6S6U	Support Screw - #6-32x$\frac{3}{8}$"	1	1	1	1	1	1
	8S8U	Support Screw - #8-32x$\frac{3}{8}$"	1	1	1	1	1	1
16	K2457A	Switch Bushing	-	-	1	1	1	1
17	D2458	Support Screw Plate Washer - #6	1	1	1	1	1	1
18	R2477C	Coil	1	1	-	-	-	-
19	T2477C	Coil	-	-	1	1	1	1
	31SS14A	Bridge Screw - 5/16-24x$\frac{7}{8}$"	2	2	2	2	2	2
20	QV2480	Magnetic Rotor	-	1	-	-	-	-
21	EZ2480	Magnetic Rotor	1	-	-	-	-	-
22	JZ2480	Magnetic Rotor	-	-	1	1	1	1
23	A2492A	Seal Outer Washer	1	1	1	1	1	1
24	A2492C	Seal Inner Washer	1	1	1	1	1	1
25	H2498	End Cap Gasket	1	1	1	1	1	1
26	J2499A	Wire Assembly	-	-	1	1	1	1
27	E2502	Shell Flat Washer	-	-	1	1	1	1
28	D2514	Switch Lever	-	-	1	1	1	1
29	L2514C	Switch Complete	-	-	-	-	1	-
30	N2514C	Switch Complete	-	-	1	1	-	1
	8S14N	Switch Screw - #8-32x$\frac{7}{8}$"	-	-	1	1	1	1
	8LW5	Screw Lockwasher	-	-	1	1	1	1
	8N1	Screw Nut	-	-	3	3	3	3
31	B2561A	Base Plate	1	1	-	-	-	-
	25S10G	Base Plate Screw - $\frac{1}{4}$"-20x$\frac{5}{8}$"	2	2	-	-	-	-
32	W2563	Hub Assembly	-	-	1	1	1	-
33	YX2563	Hub Assembly	-	-	-	-	-	1
34	W2563C	Coupling Complete	-	-	1	1	1	-
35	WY2563C	Coupling Complete	-	-	-	-	-	1
36	D2565	Drive Spring	-	-	1	1	1	1
37	F2568	Pawl Stop Pin	-	-	1	1	1	1
38	K2570	Coupling Nut	-	-	-	-	-	1
39	U2570	Coupling Nut	-	-	1	1	1	-
40	C2723	Bearing Shim	2	2	2	2	2	2
41	G2788	Cam Wick	1	1	-	-	-	-
42	H2788	Cam Wick	-	-	1	1	1	1
43	L2788	Breaker Wick	-	1	-	-	-	-
44	G3861	Shaft Seal	1	1	1	1	1	1
45	V4631	Bearing Support	1	1	-	-	-	-
46	W4631	Bearing Support	-	-	1	1	1	1
	8S6G	Bearing Support Screw - #8-32x$\frac{3}{8}$"	4	4	4	4	4	4
47	A5931B	Coupling Nut Lockwasher	-	-	-	-	-	1
48	B5931B	Coupling Nut Lockwasher	-	-	1	1	1	-
49	C5949	Drive Bearing	1	1	1	1	1	1
50	A5950A	Cam Bearing	1	1	1	1	1	1
51	R5957	Coupling Shell	-	-	-	-	-	1
52	Z5957	Coupling Shell	-	-	1	1	1	-
53	D5963	Pawl Spring	-	-	-	-	-	1
54	D5968	Felt Washer	-	-	1	1	1	1
55	B5969	Support Washer - #8	1	1	1	1	1	1
56	C6018	Insulating Washer	-	-	2	2	2	2
57	B6030A	Vent Cover	-	2	2	2	2	2
	6S4U	Cover Screw - #6-32x$\frac{1}{4}$"	-	2	2	2	2	2
58	C6032B	Vent Screen	-	2	2	2	2	2
59	B6120	Coil Clip	1	1	1	1	1	1
	6S3W	Clip Screw - #6-32x3/16"	1	1	1	1	1	1
60	B6222	Cupped Washer Screw	-	-	2	2	2	2
61	3K1	Key	1	1	1	1	1	1