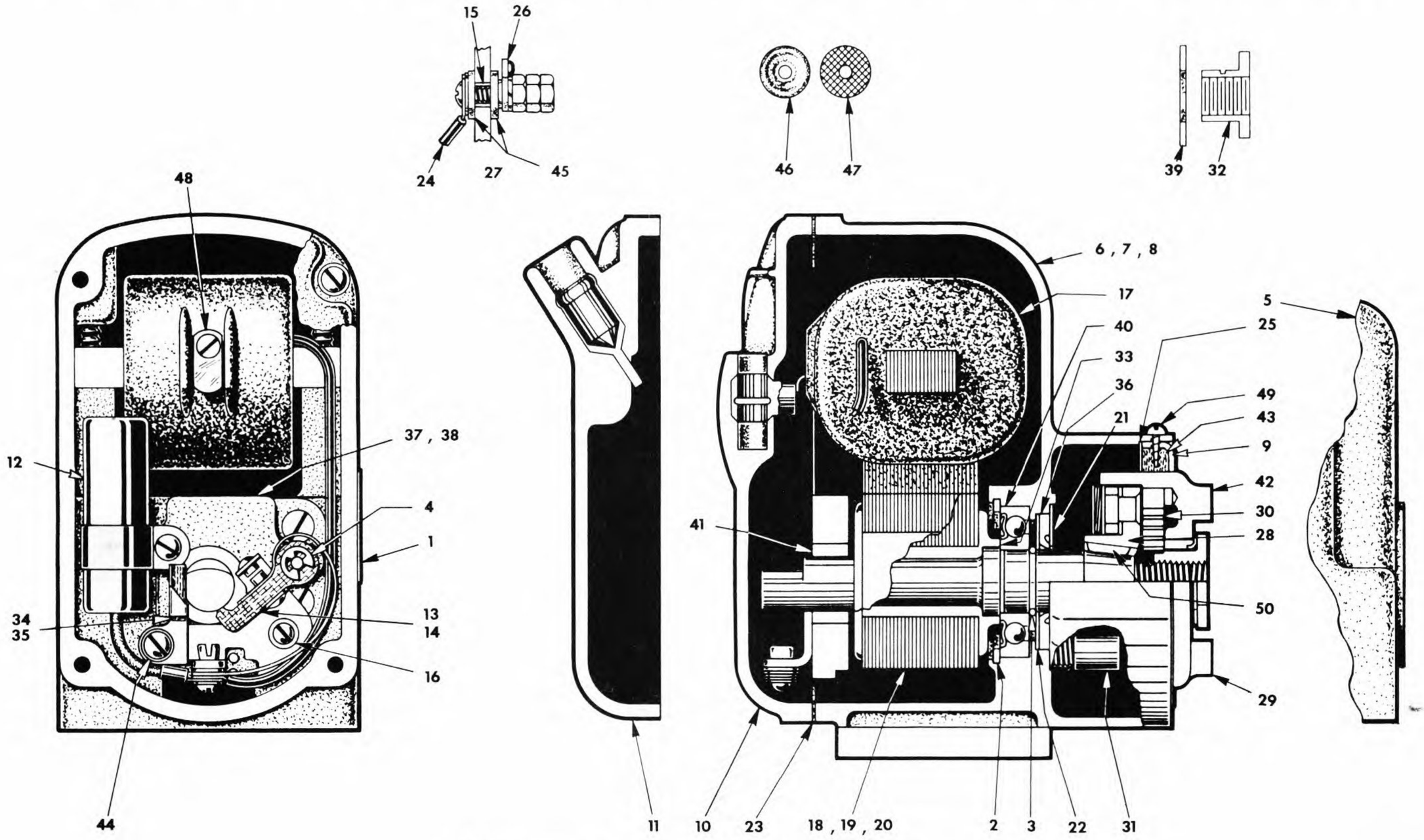
FAIRBANKS MORSE
A MAJOR INDUSTRIAL COMPONENT OF
FAIRBANKS WHITNEY

MAGNETO PARTS DATA

MAGNETO and ENGINE ACCESSORIES DIVISION • BELOIT, WISCONSIN



RENEWAL PARTS DATA
TYPES FM-X1A7F, FM-X1A10, FM-X1A10A, FM-X1A10B, FM-X1A10C, FM-X1A10D 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-X1A7F	FM-X1A10	FM-X1A10A	FM-X1A10B	FM-X1A10C	FM-X1A10D
Rotation		CCW	CCW	CCW	CCW	CW	CW
Imp. Cplg.		UCL	-	UC	UC	-	-
Lag Angle		30°	-	35°	30°	-	-
	Wisconsin Motor Corp. - Y-90	X	-	-	-	-	-
	Distributor	-	X	X	X	X	X

Ref. No.	Order by Part No.	Name of Part	Number Used					
			FM-X1A7F	FM-X1A10	FM-X1A10A	FM-X1A10B	FM-X1A10C	FM-X1A10D
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
6	QX2425	Housing	-	1	-	-	1	-

TYPE FM-X1A MAGNETOS

Ref. No.	Order by Part No.	Name of Part	Number Used					
			FM-X1A7F	FM-X1A10	FM-X1A10A	FM-X1A10B	FM-X1A10C	FM-X1A10D
7	ZX2425	Housing	1	-	-	-	-	-
8	AY2425	Housing	-	-	1	1	-	-
9	E2428	Outer Shell Cupped Washer	1	-	1	1	-	-
10	AX2430	End Cap	1	-	-	-	-	-
11	BZ2430	End Cap	-	1	1	1	1	1
	10S12D	End Cap Screw - #10-24x$\frac{3}{4}$"	4	4	4	4	4	4
12	AXMR2433	Condenser	1	1	1	1	1	1
	8S4U	Condenser Screw - #8-32x$\frac{1}{4}$"	1	1	1	1	1	1
13	A2437A	Breaker Point Assembly - CW	-	-	-	-	1	1
14	B2437A	Breaker Point Assembly - CCW	1	1	1	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
	8S6U	Support Screw - #8-32x$\frac{3}{8}$"	1	1	1	1	1	1
15	K2457A	Ground Switch Bushing	1	1	1	1	1	1
16	D2458	Support Screw Plate Washer - #6	1	1	1	1	1	1
17	T2477C	Coil	1	1	1	1	1	1
	31SS14A	Coil Bridge Setscrew - 5/16-24x$\frac{7}{8}$"	2	2	2	2	2	2
18	VY2480	Magnetic Rotor	-	1	1	1	-	-
19	EZ2480	Magnetic Rotor	-	-	-	-	1	1
20	JZ2480	Magnetic Rotor	1	-	-	-	-	-
21	A2492A	Seal Outer Washer	1	1	1	1	1	1
22	A2492C	Seal Inner Washer	1	1	1	1	1	1
23	H2498	End Cap Gasket	1	1	1	1	1	1
24	J2499A	Wire Assembly	1	1	1	1	1	1
25	E2502	Shell Flat Washer	1	-	1	1	-	-
26	D2514	Switch Lever	1	1	1	1	1	1
27	L2514C	Switch Assembly	1	1	1	1	1	1
	8S14N	Switch Screw - #8-32x$\frac{7}{8}$"	1	1	1	1	1	1
	8LW5	Switch Lockwasher	1	1	1	1	1	1
	8N1	Switch Nut	3	3	3	3	3	3
28	W2563	Hub Assembly	1	-	1	1	-	-
29	W2563C	Coupling Complete	1	-	1	1	-	-
30	D2565	Drive Spring	1	-	1	1	-	-
31	F2568	Pawl Stop Pin	1	-	1	1	-	-
32	U2570	Coupling Nut	1	-	1	1	-	-
33	C2723	Bearing Shim	2	2	2	2	2	2
34	G2788	Cam Wick	-	-	-	-	1	1
35	H2788	Cam Wick	1	1	1	1	-	-
36	G3861	Shaft Seal	1	1	1	1	1	1
37	V4631	Bearing Support	-	-	-	-	1	1
38	W4631	Bearing Support	1	1	1	1	-	-
	8S6G	Support Screw - #8-32x$\frac{3}{8}$"	4	4	4	4	4	4
39	B5931B	Coupling Nut Lockwasher	1	-	1	1	-	-
40	C5949	Drive End Bearing	1	1	1	1	1	1
41	A5950A	Cam End Bearing	1	1	1	1	1	1
42	Z5957	Coupling Shell	1	-	1	1	-	-
43	D5968	Shell Felt Washer	1	-	1	1	-	-
44	B5969	Support Plate Washer - #8	1	1	1	1	1	1
45	C6018	Insulating Washer	2	2	2	2	2	2
46	B6030A	Vent Cover	2	2	2	2	2	2
	6S4U	Vent Cover Screw - #6-32x$\frac{1}{4}$"	2	2	2	2	2	2
47	C6032B	Vent Seal	2	2	2	2	2	2
48	B6120	Coil Clip	1	1	1	1	1	1
	6S3W	Clip Screw - #6-32x3/16"	1	1	1	1	1	1
49	B6222	Cupped Washer Screw	2	-	2	2	-	-
50	3K1	Key	1	1	1	1	-	-
	37LW1	Drive Gear Lockwasher	-	1	-	-	-	-
	37N1	Drive Gear Nut	-	1	-	-	-	-