FAIRBANKS MORSE
A MAJOR INDUSTRIAL COMPONENT OF
FAIRBANKS WHITNEY

PARTS LIST
MAGNETOS
FMX1B103B — 10 021 178
FMX1B103C — 10 021 184

MAGNETO and ENGINE ACCESSORIES DIVISION • BELOIT, WISCONSIN

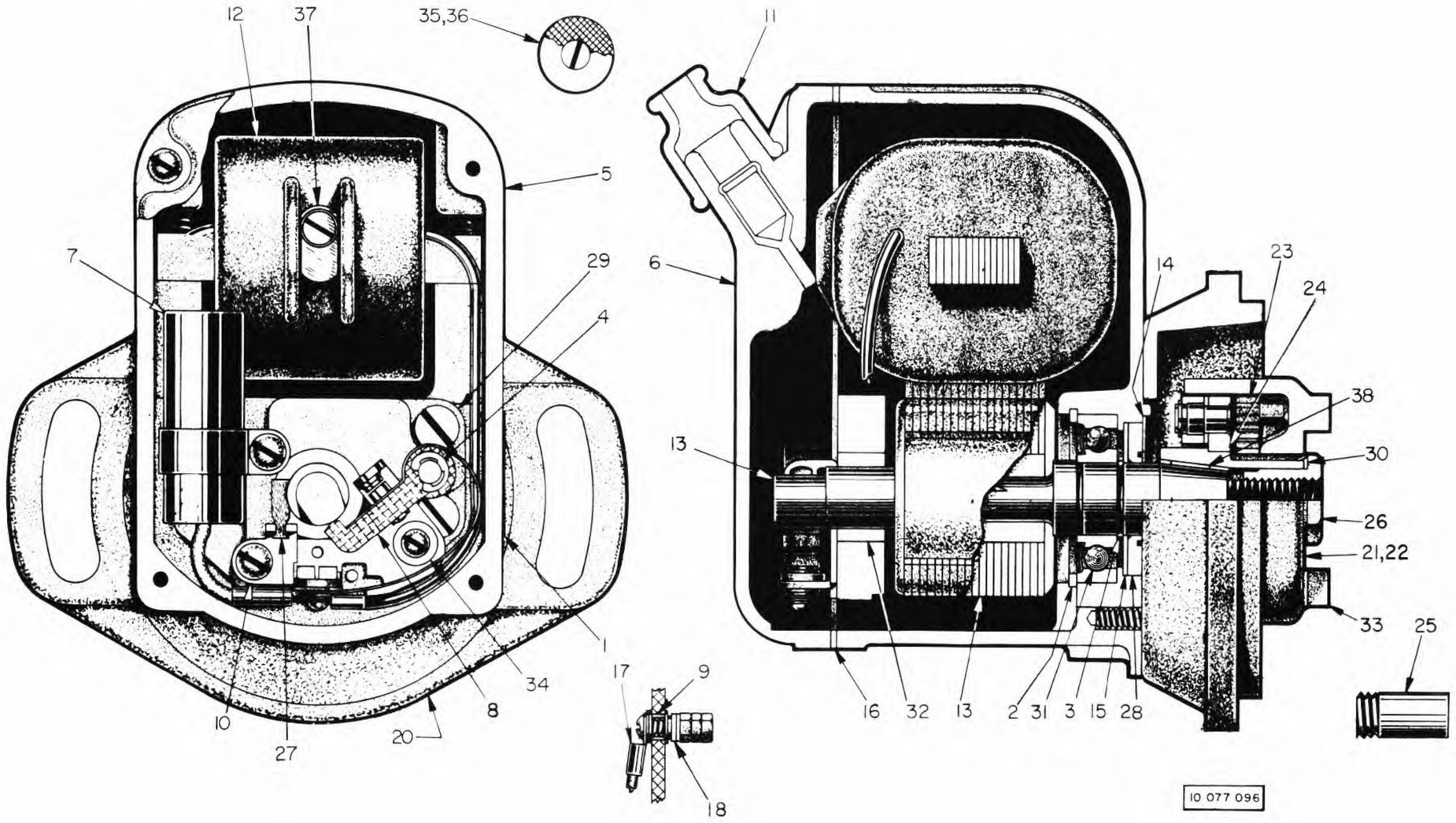

Illustration shown is of a CW rotation magneto. Parts for a CCW rotation magneto are similar but in a different position.

Data	Engine Manufacturer and Specification Number	Type Magneto FMX1B103B 10 021 178	Type Magneto FMX1B103C 10 021 184
Rotation		CCW	CCW
Imp. Cplg.		UBL	UBL
Lag Angle		30°	10°
	Witte Engine Specification No. 47316610	-	x
	Witte Engine Specification No. 47316611	x	-

Ref. No.	Part No.	Symbol	Description	Number Used	
1	10 010 195	A195	Name Plate	1	1
2	10 101 498	B1498B	Bearing Snap Ring	1	1
3	10 131 498	B1498D	Shaft Snap Ring	1	1
4	10 011 884	C1498G	Fulcrum Pin Snap Ring	1	1
5	10 030 729	CX2425	Housing	1	-
5	10 030 671	Z2425	Housing	-	1
6	10 030 841	BZ2430	End Cap	1	1
	10 000 894	10S12D	End Cap Screw - #10-24x3/4"	4	4
7	10 030 961	SXY2433	Condenser	1	1
	10 013 062	8S5NA	Mounting Screw - #8-32x5/16"	2	2

Ref. No.	Part No.	Symbol	Description	Number Used FMX1B103B 10 021 178	Number Used FMX1B103C 10 021 184
8	10 031 007	B2437A	Contact Points	1	1
	10 011 694	6S6Z	Terminal Screw-#6-32x3/8"	1	1
	10 004 028	6S6U	Contact Support Screw - #6-32x3/8"	1	1
	10 001 930	8S6U	Contact Screw-#8-32x3/8" . .	1	1
9	10 031 064	K2457A	Switch Bushing	1	1
10	10 031 070	D2458	Support Screw Washer . . .	1	1
11	10 031 093	C2473	Cable Boot	1	1
12	10 031 171	R2477C	Coil	1	1
	10 010 938	31SS14A	Bridge Setscrew - 5/16"-24x7/8"	2	2
13	10 030 326	ZW2480	Magnetic Rotor	1	1
14	10 012 492	A2492A	Drive End Seal Outer Washer	1	1
15	10 112 492	A2492C	Drive End Seal Inner Washer	1	1
16	10 082 498	H2498	Housing Gasket	1	1
17	10 031 227	J2499A	Terminal Wire Assembly . .	1	1
18	10 031 267	M2514	Insulated Lever	1	1
19	10 031 311	L2514C	Ground Switch Complete . .	1	1
	10 010 784	8S14N	Switch Screw-#8-32x7/8" . .	1	1
	10 000 760	8LW5	Screw Lockwasher	1	1
	10 000 248	8N1	Screw Nut	3	3
20	10 011 720	DX2561	Mounting Flange	1	-
20	10 011 721	EX2561	Mounting Flange	-	1
21	15 582 563	CW2563	Coupling Hub	1	-
21	10 462 560	EW2563	Coupling Hub	-	1
22	10 452 560	CS2563C	Coupling Assembly	1	-
22	10 402 558	FS2563C	Coupling Assembly	-	1
23	10 052 565	E2565	Coupling Drive Spring . . .	1	1
24	10 001 360	Q2566	Coupling Pawl	1	1
	14 029 945	29-45	Pawl Snap Ring	1	1
25	10 082 568	H2568	Pawl Stop Pin	1	1
26	10 031 385	U2570	Coupling Nut	1	1
27	10 031 551	H2788	Cam Wick	1	1
28	10 073 861	G3861	Drive End Seal	1	1
29	10 031 692	W4631	Bearing Support	1	1
	10 000 668	8S6G	Support Screw-#8-32x3/8" .	4	4
30	10 011 781	B5931B	Coupling Nut Washer . . .	1	1
31	10 031 804	C5949	Drive End Bearing	1	1
32	10 031 819	A5950A	Cam End Bearing	1	1
33	10 135 958	UZ5957	Coupling Shell	1	-
34	10 145 958	VZ5957	Coupling Shell	-	1
34	10 025 969	B5969	Contact Screw Washer . . .	1	1
35	10 031 896	B6030A	Vent Cover	2	2
	10 001 818	6S4U	Cover Screw-#6-32x1/4" . .	2	2
36	10 003 564	C6032B	Vent Screen	2	2
37	10 001 742	B6120	Coil Clip	1	1
	10 001 818	6S4U	Clip Screw-#6-32x1/4" . . .	1	1
38	10 000 279	3K1	Key	1	1