Magneto

TOOL KIT MT2A



SPECIAL PRICE

$42.75

NET

Fairbanks, Morse & Co.

Repair Price List No. 9807E
January 1, 1954
Supersedes R. P. L. No. 9807D

Magneto Sales & Factory:
Beloit, Wisconsin

File Section- ***SERVICE INFORMATION***

MT2A TOOL KIT FOR FAIRBANKS-MORSE MAGNETOS - NET PRICE $42.75

The basic special tools necessary to render efficient service on Fairbanks-Morse magnetos are included in the MT2A Tool Kit, pictured on page 1. These tools are designed for particular operations, so that the Service Station may save time in repair work, protect parts from breakage and give customers better service.

Tools in the complete MT2A Kit are listed below. Replacement tools may be ordered individually from page 3. See Note below.

Part Number	Description	Quantity	Use	Factory Symbol
OMT4	Coupling Nut Wrench	1	Remove & replace cplg. nut; used with OMT21	OTC#MT4
OMT8	Coupling Puller Assembly - Complete . OMT8 Always includes:	1	Remove coupling hub from rotor shaft . .	OTC#MT8
	Puller arms	(2)	. . . . .	OTC#MT8-1
	Cross block	(1)	. . . . .	OTC#MT8-2
	Forcing screw	(1)	. . . . .	OTC#MT8-3
	Nuts	(2)	. . . . .	OTC#MT8-4
	Washers	(2)	. . . . .	OTC#MT8-5
OMT9	Dist. Bearing Driver	1	Remove dist. outer race	OTC#MT9
OMT12	Outer Race Driver	1	Remove & replace frame & end cap outer races; used with OMT71	OTC#MT12
OMT15	Cplg. Spring Winding Tool Adapter . .	See OMT83-C	See OMT83-C	OTC#MT15
OMT19	Outer Race Puller - Complete . . . . OMT19 Always includes:	1	Remove frame & end cap outer races . . .	OTC#MT19
	Barrel	(1)	. . . . .	OTC#MT19-1
	Expanding mandrel	(1)	. . . . .	OTC#MT19-2
	Expander bolt	(1)	. . . . .	OTC#MT19-3
	Thumb nut	(1)	. . . . .	OTC#MT14-4
	Hex nut (5/16" - 18 thd.)	(1)	. . . . .	OTC#MT19-5
	Hex nut (3/4" - 16 thd.).	(1)	. . . . .	OTC#MT19-6
	Washer	(1)	. . . . .	OTC#MT19-7
OMT20	Coupling Lug Wrench	1	Hold coupling shell while removing nut .	OTC#MT20
OMT21	Handle, Cplg.Spring Tool & Cplg.Wrench	See OMT83-C	See OMT83-C; also used with OMT4 . .	OTC#MT21
OMT22	Inner Race Driver	1	Replace dist. inner race; used with OMT71	OTC#MT22
OMT60	Snap Ring Pliers	1	Remove snap rings	OTC#MT60
OMT71	Race Driving Mandrel	1	Handle, race driving tools OMT12 & OMT22	OTC#813
OMT72	Point Hone	1	Smooth contact points	OTC#JD10
OMT75	Taper Punch	1	. . . . .	OTC#TP8
OMT76	Pinion Gear Puller - Complete	1	Remove rotor pinion or gear	OTC#ED979
OMT82	Inner Race Driver	1	Replace rotor inner races	OTC#MT1
OMT83	Coupling Spring Winding Tool	See OMT83-C	See OMT83-C	OTC#MT2
OMT83-C	Coupling Spring Winding Tool-Complete OMT83-C Always includes:	1	Insert & wind up coupling drive spring .	. . . . .
	Coupling spring winding tool	(1)	. . . . .	(OTC#MT2)
	Coupling spring winding tool adapter	(1)	. . . . .	(OTC#MT15)
	Handle, spring tool & nut wrench . .	(1)	Also used with OMT4	(OTC#MT21)
OMT90	Tool Box - 9½"x15"x1-7/8"	1	. . . . .	OTC#MT90
370TD	Hand Screw Press - Complete	1	Remove & replace bearings, remove rotor .	370TD3
TD1127B	Point Nut Wrenches	2	Adjust stationary contact point	TD1127B2
TD1129A	Inner Race Puller - Complete . . . . TD1129A Always includes:	1	Remove rotor inner races	TD1129A2
(TD1129B)	Inner Race Puller Clamp (E15 Brg.) .	(1 pr.)	. . . . .	(TD1129B2)
(TD1129J)	Inner Race Puller Clamp (E13 Brg.) .	(1 pr.)	. . . . .	(TD1129J)
(TD1130A)	Inner Race Adapter - Drive End . . .	(1)	. . . . .	(TD1130A)
(TD1130B)	Inner Race Adapter - Gear End	(1)	. . . . .	(TD1130B)
TD2250A	Rotor Sleeve Bearing Tool	1	Replace rotor sleeve bearing	TD2250A1
TD2252A	Distributor Bearing Tool	1	Replace dist. sleeve brg.	TD2252A1
TD2272A	Bearing Plate Support Block	1	Support brg. plate in 370TD press	TD2272A1
TD2695A	Contact Point Gauge (.012" and .020")	1	Adjust contact point gap correctly . . .	TD2695A
Bul.FM61A	Instr. Sheet - FMK Magnetos	1	Instr. sheet - Type FMK Magnetos	Bul.FM61A
Bul.FM71A	Instr. Sheet - FMJ Magnetos	1	Instr. sheet - Type FMJ Magnetos	Bul.FM71A
Bul.FM109	Instr. Sheet - FMJV Magnetos	1	Instr. sheet - Type FMJV Magnetos	Bul.FM109
Instr.2807	Instr. Book - RV Magnetos	1	Instr. Book - Type RV Magnetos	Instr.2807

NOTE: Fairbanks-Morse made tools will be supplied for certain items until stocks are exhausted.

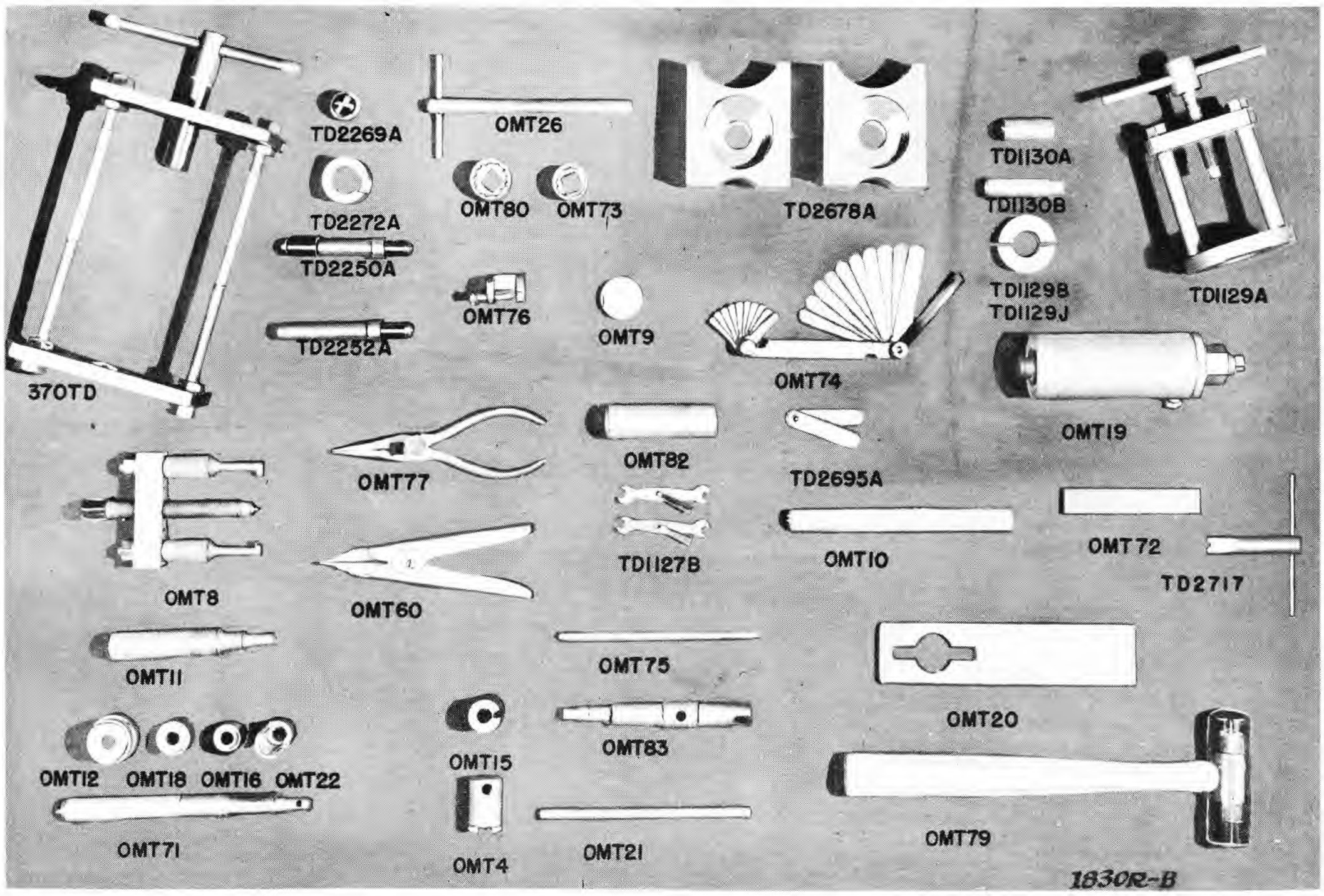
TOOLS FOR SERVICING FAIRBANKS-MORSE MAGNETOS

The tools and supplies listed below were all selected and tested at the factory before they were approved for use.

Since some tools have many uses in addition to magneto servicing, they are not included in the MT2A Kit; however, a supply will be maintained at the factory for those Service Stations which wish to order all equipment from Fairbanks, Morse & Co.

Since some of the tools consist of two or more parts, these have been listed so that either the complete tool or the individual parts may be ordered.

Tools with Part Numbers beginning with "OMT" may be purchased directly from the Owatonna Tool Co., Owatonna, Minn. See note on page 2.



Order By Part No.	Description	List Price Ea.	Use	Factory Symbol
OMT4	Coupling Nut Wrench	$1.50	See OMT4-C	OTC#MT4
OMT4-C	Coupling Nut Wrench	2.25	Remove coupling nut	. . . . .
	OMT4-C Always includes:			
(OMT21)	(1) Coupling nut wrench handle	. . .	Also for use with OMT83	. . . . .
OMT8	Coupling Puller Assembly - Complete .	13.25	Remove coupling hub from rotor shaft .	OTC#MT8
	OMT8 Always includes:			
	(2) Puller arm	3.45	. . . . .	OTC#MT8-1
	(1) Cross block	4.40	. . . . .	OTC#MT8-2
	(1) Forcing screw	5.35	. . . . .	OTC#MT8-3
	(2) Hex nuts	. . .	. . . . .	OTC#MT8-4
	(2) Washers	. . .	. . . . .	OTC#MT8-5
OMT9	Dist. Bearing Driver	1.05	Remove dist. outer race	OTC#MT9
OMT10	Wood Installation Tool	1.25	Install washers	OTC#MT10
OMT11	Installation & Removal Tool	2.15	. . . . .	OTC#MT11
OMT12	Outer Race Driver	1.50	Replace frame & end cap outer races . .	OTC#MT12
OMT15	Coupling Spring Tool Adapter	1.40	See OMT83-C	OTC#MT15
OMT16	Inner Race Driver - 5/8" dia.	.85	Replace inner races	OTC#MT16
OMT18	Inner Race Driver - 13/16" dia. . . .	.85	Replace inner races	OTC#MT18
OMT19	Outer Race Puller - Complete	12.50	Remove frame & end cap outer races . .	OTC#MT19
	OMT19 Always includes:			
	(1) Barrel	. . .	. . . . .	OTC#MT19-1
	(1) Expanding mandrel	. . .	. . . . .	OTC#MT19-2
	(1) Expander bolt	. . .	. . . . .	OTC#MT19-3
	(1) Thumb nut	. . .	. . . . .	OTC#MT19-4
	(1) Hex nut	. . .	. . . . .	OTC#MT19-5
	(1) Hex nut	. . .	. . . . .	OTC#MT19-6
	(1) Washer	. . .	. . . . .	OTC#MT19-7

TOOLS FOR SERVICING FAIRBANKS-MORSE MAGNETOS

Order By Part No.	Description	List Price Ea.	Use	Factory Symbol
OMT20	Coupling Lug Wrench	$3.50	Hold coupling shell while removing nut.	OTC#MT20
OMT21	Handle, Cplg. Spring Tool & Nut Wrench	.85	Included in OMT4-C and OMT83-C	OTC#MT21
OMT22	Inner Race Driver	1.75	Replace dist. inner race	OTC#MT22
OMT26	Socket Wrench - 5/16", with 6" T handle	2.10	Coil housing primary screw wrench	OTC#MT26
OMT60	Snap Ring Pliers	4.10	Remove snap rings	OTC#MT60
OMT71	Driving Mandrel	2.00	Handle for OMT12, OMT16, OMT18, OMT22	OTC#813
OMT72	Point Hone	.85	Smooth points	OTC#JD10
OMT73	Hex Socket - 3/4", 1/2" Drive	1.50	Coupling nut	OTC#124
OMT74	Thickness Gauge - 20 blades & file	4.45	Adjust contact point gap	OTC#864
OMT75	Taper Punch - 1/8" bit	1.25		OTC#TP8
OMT76	Pinion Gear Puller	5.15	Remove rotor gear or pinion	OTC#ED979
OMT77	Needle Nose Pliers	4.55		OTC#708
OMT79	Hammer, Pyralin Tips	3.75		OTC#PT16
OMT80	Hex Socket - 7/8", 1/2" Drive	1.65	Coupling nuts	OTC#128
OMT82	Inner Race Driver	1.40	Replace inner races	OTC#MT1
OMT83	Coupling Spring Winding Tool	4.80	See OMT83-C	OTC#MT2
OMT83-C	Coupling Spring Winding Tool - Complete OMT83-C Always includes:	7.00	Insert & wind up cplg. drive spring	
(OMT83)	(1) Coupling spring winding tool			
(OMT15)	(1) Coupling spring tool adapter			
(OMT21)	(1) Handle, cplg. spring winding tool.		Also for use with OMT4	
OMT90	Metal Box-9½"x15"x1-7/8" Black Crackle Finish	5.30		OTC#MT90
370TD	Hand Screw Press - Complete 370TD Always includes:	7.70	Replace bearings, remove rotor	370TD3
	(1) Screw press plate - upper			TD2270A1
	(1) Screw press plate - lower			TD2271A1
	(1) Bearing press screw			TD2267A1
	(1) Bearing press screw handle			TD2268A1
	(2) Bearing press studs			TD2266A3
	(4) Stud nuts (3/8" - 16 thd.)			11FM25A
	(4) Stud jam nuts (3/8" - 16 thd.)			11FM27A
(TD2269A)	(1) Brass protective cap			TD2269A
TD1127B	Contact Point Wrench	.45	Adjust stationary contact point (2 needed)	TD1127B2
TD1129A	Inner Bearing Race Puller - Complete TD1129A Always includes:	18.60	Remove rotor inner races	TD1129A
(TD1129B)	(1) Inner Race Puller Clamp (E15 Brg.)			
(TD1129J)	(1) Inner Race Puller Clamp (E13 Brg.)			
(TD1130A)	(1) Inner Race Adapter - Drive End			
(TD1130B)	(1) Inner Race Adapter - Gear End			
	(2) Race Puller Studs			TD1129C
	(1) Race Puller Plate - Upper			TD1129D
	(1) Race Puller Plate - Lower			TD1129H1
	(2) Hex Nuts (5/16" - 18 Thd.)			
	(1) Screw			TD1129E
	(1) Cross Bar (Handle)			TD1129F1
TD1129B	Inner Race Puller Clamp (Matched Pairs)	2.80	Use with TD1129A (E15 Brg.)	TD1129B2
TD1129J	Inner Race Puller Clamp (Matched Pairs)	2.80	Use with TD1129A (E13 Brg.)	TD1129J
TD1130A	Inner Race Adapter - Drive End	2.75	Use with TD1129A	TD1130A1
TD1130B	Inner Race Adapter - Gear End	2.75	Use with TD1129A	TD1130B1
TD2250A	Rotor Bearing Tool	2.40	Replace rotor sleeve bearing	TD2250A1
TD2252A	Distributor Bearing Tool	2.10	Replace distributor sleeve bearing	TD2252A1
TD2269A	Brass Protective Cap	1.05	Use in 370TD	TD2269A
TD2272A	Bearing Plate Support Block	.45	Support bearing plate in 370TD press	TD2272A1
TD2678A	Universal Rotor Charging Blocks	20.25	Magnetize rotor	TD2678A
TD2695A	Contact Point Gauge (.012" & .020")	.55	Set contact point gap	TD2695A
TD2717	Contact Support Alignment Tool	1.95	Straighten Magneto Contact Support.	TD2717
	Miscellaneous Supplies			
1C4	FMC09 Bearing Grease(4¼ oz. tube)	0.75	Repack bearings	
1C4	FMC09 Bearing Grease(12 tube carton)	7.50	Repack bearings	
2C1	FMC02 Gasket Sealing Varnish(½ pt. can)	1.10	Coat gasket joints	
6C1	Distributor Polishing Paper(10 pc.)	0.45	Resurface distributors and rotors	
MM2	Magneto Service Manual	5.00net	Complete service reference	

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318667-125310M-CWM

Printed in U.S.A.