Bulletin FM156

FAIRBANKS-MORSE

IMPROVEMENTS IN TYPES FM-R AND FM-OR MAGNETOS

During the past two years the FM-R and FM-OR series of magnetos have undergone several distinct improvements, each involving the substitution of one set of parts for another. Although these improvements have been included in the parts list of Instructions 2884A which supplements Instructions 2884, a summary of the improvements is given in the tables below.

TABLE I. CHANGE IN DISTRIBUTOR BEARING FROM OILITE TO BALL BEARINGS

EFFECTIVE WITH MAGNETO SERIAL NO. 2341301

Part No.	Oilite Distributor Bearing. Used on Magnetos Prior to Serial No. 2341301	No. Used per Mag.	Part No.	Ball Bearing Distributor. Effective with Magneto Serial No. 2341301	No. Used per Mag.
. . . .	No corresponding part	. . . .	D867	Distributor Bearing Seal	1
D1498	Distributor Shaft Snap Ring	1	A1498	Distributor Shaft Snap Ring	1
. . . .	No corresponding part	. . . .	A1498A	Distributor Bearing Snap Ring	1
A2665	Distributor Shaft Flat Washer	1	. . . .	No corresponding part	. . . .
P4631	Bearing & Breaker Support Assembly, CW .	1	A4631	Bearing & Breaker Support Assembly, CW .	1
Q4631	Bearing & Breaker Support Assembly, CCW .	1	B4631	Bearing & Breaker Support Assembly, CCW .	1
S5939	Dist. Shaft & Gear Assembly (FM-R6,FM-OR6)	1	U5939	Dist. Shaft & Gear Assembly (FM-R6,FM-OR6)	1
T5939	Dist. Shaft & Gear Assembly (FM-R4,FM-OR4)	1	V5939	Dist. Shaft & Gear Assembly (FM-R4,FM-OR4)	1
A5950C	Sleeve Bearing (Distributor)	1	B5949C	Ball Bearing (Distributor)	1

TABLE II. OPTIONAL SEALING OR VENTING OF MAGNETO FRAME

EFFECTIVE WITH MAGNETO SERIAL NO. A-960799

(See Bulletin FM138)

Part No.	Hooded Vent Screen Group. Installed on Frames of Magnetos Prior to Serial No. A-960799	No. Used per Mag.	Part No.	Optionally Sealed or Vented Magneto Frame, Effective with Magneto Serial No. A-960799	No. Used per Mag.
A6032EC	Hooded Vent Screen Group	2	A6032FC	Hooded Vent Screen Group	2
	A6032EC always includes:			A6032FC always includes:	
(A1218)	Vent hood gasket	2	(A1218)	Vent hood gasket	2
(A1232)	Vent hood	2	(B1232)	Vent hood	2
(A1236)	Vent hood rivet gasket	2	(A6032A)	Vent screen	2
(A2448)	Vent screen locking washer	2	(6S8N)	Vent hood machine screw .(#6-32x1/2")	2
(A5961A)	Vent screen rivet	2	(6LW1)	Vent hood lockwasher . . . . . (#6)	2
(A6030)	Vent screen washer	4			
(A6032A)	Vent screen	2	A6032GC	Sealing Group	2
				A6032GC always includes:	
			(A1218)	Vent gasket	2
			(B6030B)	Sealing plate	2
			(6S4N)	Sealing plate machine screw (#6-32x1/4")	2
			(6LW1)	Sealing plate lockwasher . . . . (#6)	2

TABLE III. CHANGE IN END CAP COVER DESIGN

Part No.	Two Hole End Cap Cover Formerly Used	No. Used per Mag.	Part No.	Four Hole End Cap Cover Now Used	No. Used per Mag.
C682	End Cap Cover Gasket	1	D682	End Cap Cover Gasket	1
L800	End Cap Cover (FM-R4, FM-OR4)	1	P800	End Cap Cover (FM-R4, FM-OR4)	1
K800	End Cap Cover (FM-R6, FM-OR6)	1	Q800	End Cap Cover (FM-R6, FM-OR6)	1
RX2430	End Cap	1	TX2430	End Cap	1
8S9A	End Cap Cover Screw . . (#8-32x9/16")	2	8S9A	End Cap Cover Screw . . (#8-32x9/16")	4
8LW3	End Cap Cover Screw Lockwasher . . (#8)	2	8LW3	End Cap Cover Screw Lockwasher . . (#8)	4
G23	Gasket Kit	1	GK25	Gasket Kit	1

TABLE IV. MISCELLANEOUS CHANGES

Part No.	Parts Formerly Used	No. Used per Mag.	Part No.	Parts Now Used	No. Used per Mag.
			L2433	Condenser (FM-OR4, FM-R6, FM-OR6) . . .	1
M2433	Condenser (All FM-R, FM-OR)	1	M2433	Condenser (FM-R4)	1
K2477	Coil (All FM-OR)	1	P2477	Coil (All FM-OR)	1
A6030A	Vent Screen Washer	1	. . . .	No corresponding part	. . . .
A6032B	Vent Screen	1	. . . .	No corresponding part	. . . .

Bulletin FM156
July 1, 1949

File Section - *TYPES FM, FM-K, FM-O, FM-R, FM-OR*

359220-064904M-BDN