Colt Industries
Fairbanks Morse
Power Systems Division

APPLICATION FM MAGNETOS WISCONSIN ENGINES

MAGNETO and ENGINE ACCESSORIES SALES • BELOIT, WISCONSIN

Wisconsin Engine Model Numbers	Fairbanks-Morse Magneto	Wis. Part Number Without Drive Gear	Wis. Part Number With Drive Gear	Wis. Drive Gear Part Number		Order Gears by FM Service Symbol
ABN, AKN - Std., Spark Plugs in Offset Position	FM-XD1B7	Y-73-B	Y-73-B-S1	GD-87-B	‡	-
ABM, AKM - Spring Loaded Coupling	FM-XD1B7D	Y-73-C	Y-73-C-S1	GD-87-B	‡	-
ABN, AKN - Extra Spark	FM-X02B7	Y-77	Y-77-S1	GD-87-B	‡	-
ABN, AKN - Radio Shielded	FM-XDE1B7P	Y-83-A	Y-83-A-S1	GD-87-B	‡	-
ACN, BKN - Std., Spark Plugs in Vertical Position	FM-XD1B7S	Y-109	Y-109-S1	GD-87C		V142
ACN, BKN - Fungus Treated - Spark Plugs in Vertical Position	FM-XD1B7T	Y-109-A	Y-109-A-S1	GD-87C		V142
ACN, BKN - Radio Shielded - Spark Plugs in Vertical Position	FM-PE1B7	Y-110	Y-110-S1	GD-87C		V142
ACN, BKN, MACND, MBKND - Radio Shielded - Tachometer Drive	FM-PE1B7A-3	Y-110-B	Y-110-B-S1	GD-87C		V142
ACK, BKN - Radio Shielded, Extra Spark, Spark Plugs in Vertical Position	FM-XE2B7C	Y-112	Y-112-S1	GD-87C		V142
ACN, BKN - Extra Spark, Spark Plugs in Vertical Position	FM-X02B7C	Y-113	Y-113-S1	GD-87C		V142
HACN, HBKN - Engine used in Horizontal Position	FM-XD1B7S-1	Y-109-C	Y-109-C-S1	GD-87C		V142
MACND, MBKND	FM-XDE1B7S-1	Y-110-C	Y-110-C-S1	GD-87C		V142
S-7D - Standard Flywheel	YY-8	-	-	-		-
AEN, AENS - Standard	FM-X1B7E	Y-76	Superseded by Y-117-S1			
AENL, AEN - Extra Spark	FM-X02B7D	Y-87-B	Y-87-B-S1	GD-113		E142
AEN - Radio Shielded	FM-XDE1B7P	Y-83-A-1	Superseded by Y-119-S1			
AEN, AENL - Radio Shielded - Extra Spark	FM-XE2B7D	Y-87-C	Y-87-C1	GD-113		E142
AEN, AENL - Standard - 20° Spark Advance	FM-XD1B7U	Y-117	Y-117-S2	GD-113		E142
AENL - Radio Shielded - 20° Spark Advance	FM-XDE1B7U	Y-119	Y-119-S2	GD-113		E142
HAENL - Engine Used in Horizontal Position	FM-XD1B7U-4	Y-117-D	Y-117-D-S1	GD-113		E142
MAENLD - Radio Shielded - Military - 23° Spark Advance	FM-XDE1B7U	Y-119	Y-119-S2	GD-122-A		AX142
MAENLD	FM-XDE1B7U-2	Y-119-A	Y-119-A-S1	GD-122-A		AX142
AEH, AEHS, AFH, AGH, AHH - Standard	FM-X1A7	Y-72	Base Mtg.	-		-
AEH, AEHS, AFH, AGH, AHH - Radio Shielded	FM-XE1A7F	Y-84	Base Mtg.	-		-
AEM - Spring Loaded Coupling	FM-X1A7E	Y-72-E	Base Mtg.	-		-
AGND - Standard	FM-XD1B7R	Y-107-A	Superseded by Y-107-B-S1			
AGND - Standard	FM-XD1B7R-1	Y-107-B	Y-107-B-S1	GD-125		W142
AGND - Radio Shielded	FM-PE1B7R-1	Y-121-A	Y-121-A-S1	GD-125		W142
TE, TF, TFM - Standard	FM-XF2B7	Y-75	Superseded by Y-80-S1			
TE, TF, TFM - Standard	FM-X1-2B7-1	Y-80	Y-80-S1	GD-93C-1		A142
TE, TF, TFM - Standard	FM-X1-2B7	Y-80	Superseded by Y-80-S1			
TE, TF - Radio Shielded	FM-XFE2B7C-1	Y-85	Y-85-S1	GD-93-C-1		-
TE, TF - Radio Shielded	FM-XFE2B7C	Y-85	Superseded by Y-85-S1			
TE, TF - Extra Spark	FM-X4B7-1	Y-89	Y-89-S1	GD-93C-1		A142
TE, TF - Extra Spark - Frederick Flanders, Inc.	FM-X4B7	Y-89	Superseded by Y-89-S1			
TE, TF - Radio Shielded	FM-XE1-2B7C	Y-93	Superseded by Y-93-A-S1			
TE, TF - Radio Shielded	FM-PE1-2B7C-1	Y-93-A	Y-93-A-S1	GD-93C-1		A142
TFD, Radio Shielded - 2 Spark for Ignition, 1 Spark for Oil Burner, 1 Spark Grounded	FM-XZE4B7A-1	Y-115	Y-115-S1	GD-93C-1		A142
TH, THD - Standard	FM-X1-2B7-1	Y-80-2	Superseded by Y-80-S2			
THD - Standard	FM-X1-2B-7-1	Y-80	Y-80-S2	GD-93C-3		Z142
TH, THD, MTHD - Radio Shielded	FM-PE1-2B7C	Y-93-A-1	Superseded by Y-93-A-S2			
TH, THD, MTHD - Radio Shielded	FM-PE1-2B7C-1	Y-93-A	Y-93-A-S2	GD-93C-3		Z142
TH, THD - Radio Shielded	FM-PE1-2B7E	Y-93-B	Superseded by Y-93-C-S1			
THD, MTHD - Radio Shielded	FM-PE1-2B7E-2	Y-93-C	Y-93-C-S1	GD-93C-3		Z142
MTHD - Radio Shielded	FM-PE1-2B7C-3	Y-93-D	Y-93-D-S1	GD-93C-3		Z142
MTHD - Radio Shielded with Tachometer Drive	FM-PE1-2B7C-5	Y-93-E	Y-93-E-S1	GD-93C-3		Z142
VE4, VF4, VE4D, VF4D - Radio Shielded	FM-XVE4B7G	Y-86	Superseded by Y-86-B-S1			
MVE4D, MVF4D - Radio Shielded	FM-XVE4B7G	Y-86	Superseded by Y-86-B-S2			
VE4, VF4, VE4D, VF4D - Radio Shielded	FM-ZVE4B7	Y-86-A	Y-86-A-S1	GD-93C-5		BX142
VE4, VF4, VE4D, VF4D - Radio Shielded	FM-ZVE4B7G	Y-86-B	Y-86-B-S1	GD-93C-5		BX142
MVE4D, MVF4D - Radio Shielded	FM-ZVE4B7G	Y-86-B	Y-86-B-S2	GD-93C-2		U142
VE4, VF4, VE4D, VF4D - Radio Shielded	FM-ZVE4B7-2	Y-86-C	Y-86-C-S1	GD-93C-5		BX142
VE4, VF4, VE4D, VF4D - Radio Shielded	FM-ZVE4B7-4	Y-86-D	Y-86-D-S1	GD-93C-5		BX142
MVE4, MVF4D - Radio Shielded	FM-ZVE4B7-4	Y-86-D	Y-86-D-S2	GD-93C-2		U142
VE4, VF4 - Standard	FM-ZV4B7	Y-106	Y-106-S1	GD-93C-5		BX142
VEF4 - Two Spark - Schramm	FM-X2B7A	Y-79	Y-79-S1	GD-93C-5		B142
VH4, VH4D - Standard	FM-X4B7A	Y-97-1	Superseded by Y-97-S2			
VH4D - Standard	FM-X4B7A	Y-97	Y-97-S2	GD-93C-4		DX142
VH4, VH4D, MVH4D - Radio Shielded	FM-XZE4B7	Y-98-A	Y-98-A-S2	GD-93C-4		DX142
VH4, VH4D, MVH4D - Radio Shielded	FM-XZE4B7-4	Y-98-C	Y-98-C-S2	GD-93C-4		DX142
VG4D - Standard	FM-X4B7A	Y-97	Y-97-S1	GD-103-1		CX142
VG4D, MVG4D - Radio Shielded	FM-XE4B7	Y-98	Superseded by Y-98-A-S1			

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Wisconsin Engine Model Numbers	Fairbanks-Morse Magneto	Wis. Part Number Without Drive Gear	Wis. Part Number With Drive Gear	Wis. Drive Gear Part Number	Order Gears by FM Service Symbol
VG4D, MVG4D - Radio Shielded	FM-XZE4B7	Y-98-A	Y-98-A-S1	GD-103-1	CX142
VG4D, MVG4D - Radio Shielded - Ventilated	FM-XZE4B7B	Y-98-B	Y-98-B-S1	GD-103-1	CX142
VG4D, MVG4D - Radio Shielded	FM-XZE4B7-4	Y-98-C	Y-98-C-S1	GD-103-1	CX142
VP4, VP4D - Radio Shielded	FM-XVE4B7G	Y-74-A-2	Superseded by Y-86-B-S3		
VP4, VP4D - Radio Shielded	FM-ZVE4B7G	Y-86-B	Y-86-B-S3	GD-103	C142
VP4, VP4D - Standard	FM-ZV4B7	Y-106	Y-106-1-S1	GD-103	C142
VR4D - Standard	FM-X4A7B	Y-94	Base Mtg.	-	-
VR4D - Radio Shielded	FM-XE4A7A	Y-91	Base Mtg.	-	-
VR4D - Radio Shielded	FM-XZE4A7A	Y-91-A	Base Mtg.	-	-
V-460D, V-461D - Radio Shielded	FM-XZE4B7C	Y-127	-	GD-103-A	-
V-460D, V-461D - Standard Magneto	FM-X4B7D	Y-128	Y-128-S1	GD-103-A	-

Fairbanks, Morse Magneto Parts for Wisconsin Engine Magnetos

Magneto Model	Point Set	Condenser	Coil	End Cap	End Cap Cover	Impulse Coupling	Repair Kit
FM-XD1B7S	A2437A	R2433§	T2477C	BZ2430	- - -	LV2563C	SK8
FM-XD1B7T	A2437A	R2433§	T2477C	BZ2430	- - -	LV2563C	SK8
FM-PE1B7	Q2437A	S2433*	T2477C	J2430A	- - -	LV2563C	- -
FM-PE1B7A-3	Q2473A	PX2433	T2477C	KY2430A	- - -	LV2563C	- -
FM-XE2B7C	A2473A	X2433*	R2477C	E2430A	- - -	LV2563C	- -
FM-X02B7C	A2437A	S2433*	R2477C	LX2430	- - -	LV2563C	- -
FM-XD1B7S-1	A2437A	R2433§	T2477C	BZ2430	- - -	LV2563C	- -
FM-PE1B7A-4	Q2437A	QX2433	T2477C	MY2430A	- - -	LV2563C	- -
FM-X02B7D	A2437A	S2433*	R2477C	LX2430	- - -	SV2563C	SK19
FM-XE2B7D	A2437A	X2433*	R2477C	E2430A	- - -	SV2563C	- -
FM-XD1B7U	A2437A	R2433§	T2477C	BZ2430	- - -	SV2563C	- -
FM-XDE1B7U	A2437A	S2433*	T2477C	J2430A	- - -	SV2563C	- -
FM-XD1B7U-4	A2437A	R2433§	T2477C	BZ2430	- - -	SV2563C	- -
FM-XDE1B7U-2	A2437A	R2433§	T2477C	JY2430A	- - -	SV2563C	- -
FM-X1A7	B2437A	R2433§	T2477C	AX2430	- - -	W2563C	SK7
FM-XE1A7F	B2437A	R2433§	T2477C	J2430A	- - -	WY2563C	SK29
FM-X1A7E	B2437A	R2433§	T2477C	AX2430	- - -	WY2563C	SK7
FM-XD1B7R-1	B2437A	R2433§	T2477C	BZ2430	- - -	XV2563C	- -
FM-X1-2B7-1	A2437A	S2433*	Q2477C	BY2430	- - -	ZV2563C	- -
FM-XFE2B7C-1	A2437A	X2433*	R2477C	L2430A	- - -	WY2563C	- -
FM-X4B7-1	A2437A	R2433§	R2477C	AZ2430	- - -	YV2563C	- -
FM-PE1-2B7C-1	Q2437A	RX2433	QT2477C	P2430A	- - -	ZV2563C	- -
FM-XZE4B7A-1	A2437A	X2433*	R2477C	NA2430C	- - -	YV2563C	- -
FM-PE1-2B7E	Q2437A	PX2433	QT2477C	DY2430A	- - -	ZV2563C	- -
FM-PE1-2B7C-3	Q2437A	QX2433	QT2477C	NY2430A	- - -	ZV2563C	- -
FM-ZVE4B7	A2437A	EX2433	QS2477C	P2430C	E800A	GX2563C	- -
FM-ZVE4B7G	A2437A	S2433*	QS2477C	QX2430A	E800A	GX2563C	- -
FM-ZVE4B7-2	A2437A	EX2433	QS2477C	P2430C	E800A	TU2563C	- -
FM-ZVE4B7-4	A2437A	EX2433	QS2477C	AA2430C	L800A	GX2563C	- -
FM-ZV4B7	A2437A	S2433*	QS2477C	TY2430	G800	GX2563C	- -
FM-X2B7A	A2437A	R2433§	R2477C	LX2430	- - -	BW2563C	SK6
FM-X4B7A	A2437A	R2433§	R2477C	AZ2430	W800	BW2563C	SK13
FM-XZE4B7	A2437A	MX2433	RS2477C	NX2430A	- - -	BW2563C	- -
FM-XZE4B7-4	A2437A	MX2433	RS2477C	MA2430C	- - -	BW2563C	- -
FM-X4A7B	A2437A	R2433§	R2477C	VX2430	C800	T2563C	- -
FM-PE1B7R-1	Q2437A	X2433*	T2477C	TX2430	- - -	XV2563C	- -

§ AX-M-R2433 - Condenser

* SXY2433 - Condenser

‡ Y-109-S1 Used only on ACN - BKN
Y-113-S1 for Y-73-B, C & Y-77
Y-110-S1 & Y-83-A