McCULLOCH SERVICE BULLETIN

NO. 1717

MODEL: ELECTRIC CHAIN SAWS: EM-8, EM-10, EM-12A, EM-14A DATE: December 15, 1981

SUBJECT: MODEL INTRODUCTION

A new line of electric chain saws are now being manufactured. McCulloch's ELECTRAMACS are identified by model name and type number. The type number, which is located on the name plate, indicates the building level of the saw. For example, type 1 refers to an 11-level unit. Listed below is the complete line of electric saws and their type (identification) numbers.

MODEL NAME	TYPE NUMBER	SERIAL NUMBER*
Electramac (EM-8)	1	11400010B
Electramac (EM-10)	1	11400011B
Electramac (EM-12A)	1	11400011C
Electramac (EM-14A)	1	11400012B

* Please note that the serial numbers are not located on the units.

The Illustrated Parts Lists for these units are IPL, P/N 215052, covering EM-8 models and IPL, P/N 215078, covering EM-10, EM-12A, and EM-14A models. Your distributor has quantities of these IPL's for you to order.

The new Electramacs provide the same quality features of the gas saws with the economy of an electric. These light weight saws are also backed by a two-year factory warranty program to ensure dependability.

The Electramac's safety features include a Trigger Lock to guard against accidental starts. Each Electramac has been double insulated and is U.L. approved.

In addition, the Electramac Chain Saw includes these features:

- A Chain Catcher which is designed to reduce the hazard of chain breakage.
- A Hand Guard to protect the left hand.
- A Chain Tension Screw that adjusts the bar to ensure proper chain tension.
- A Chain Brake/Hand Guard on the Electramac models 10, 12A, and 14A. In addition to stopping the chain in milliseconds, when activated, a Chain Brake/Switch Interlock kills the motor instantly.
- An Automatic Chain Oiler on the Electramac 10, 12A, and 14A provides positive lubrication that is functional in all cutting positions.
- Automatic Chain Sharpening - a dulled chain can be automatically sharpened by depressing the AUTO-SHARP button provided on the EM 12A and 14A units only.

Listed below is a Technical Specifications Chart that includes information on each of the Electramac models.

	ELECTRAMAC 8	ELECTRAMAC 10	ELECTRAMAC 12A	ELECTRAMAC 14A
Motor Rating:				
Volts	110/120	110/120	110/120	110/120
Amps	7.0	9.5	10.5	11.5
Hertz	50/60	50/60	50/60	50/60
Current	AC	AC	AC	AC
Horsepower *	.75	1.5	1.75	2.0
Oil Tank Capacity (cc)	60	100	100	100
Sprocket Type	Spur	Spur	Spur	Spur
Chain Speed (FPM)	1200	2000	2000	2000
Features	- - -	- - -	AUTO-SHARP	AUTO-SHARP
Weight (with bar, chain)	5.8 lbs.	8.7 lbs.	8.9 lbs.	10.4 lbs.

*** Maximum developed horsepower**

Attached to this Service Bulletin is S.I. 188, which contains the Electramac Chain Saw service parts and pricing information. Please note that the listing is in the same sequence as the parts list in each of the IPL's for these units. Additional copies of S.I. 188 may be obtained from the Product Service Department.

McCULLOCH CORPORATION

Product Service Department

EM-10/12A/14A SERVICE PARTS AND PRICING

(Listed in IPL Sequence)

PART NUMBER	DESCRIPTION	MFG. SUGG. LIST PRICE
120029	Nut - Bar	$ .35
215087	Washer - Flat	.25
977937	Plate - Bar	.50
214918N	① Chain	12.30
215199N	② Chain (AUTO-SHARP)	17.35
214656N	③ Chain (AUTO-SHARP)	19.30
215250	① Bar	14.99
214235	③ Bar	20.49
214234	② Bar	17.99
90658	Screw - Adjusting	.25
84929	Nut - Adjusting	.85
110907	Ring - Retaining	.30
215248	Plate - Support	1.65
215249	① Screw - Support plate	.25
94951	④ AUTO-SHARP Assembly	7.99
92582	④ Knob	.65
94024	④ Bail	2.50
95168	④ Wheel - Grinding	4.15
215062	④ Bracket - AUTO-SHARP	.75
215063	④ Screw - 8-32 x 3/8	.25
215086	Screw - 8-16 x 2.5	.50
215081	Screw - 8-16 x .862	.25
215084	Screw - 10-14 x 1.25	.25
215107	① Handle - Cover	6.25
215041	④ Handle - Cover	7.25
215115	Label - Warning	1.05
215097	Label - Logo	1.05
215047	Shield - Dust	.40
215069	Tube	.35
215088	Screw - 10-32 x .60 (SEMS)	.30
215083	Washer - Thrust	.75
215184	Washer	.25
215077	Sprocket Assembly	6.25
215076	Drum	1.95
215089	Washer - Belleville spring	.35
215177	Washer - Thrust	1.15
215085	Plate - Clamp	2.60
215065	Screw - 10-32 x .62	.25
94339	Plate - Latch	.75
95616	Bolt - Shoulder M8	.65
215067	Screw - 10-32 x 1.0	.25
215066	Nut - Square 10-32	.25
215074	Spring - Compression	.25
215169	Brake/Guard Lever	8.50
213541	Guide - Latch	1.25
215070	Screw - 10-11 x .437	.25
213396	Eyelet	.25
94360	Spring - Compression	.25
213397	Guide - Spring	.25
213989	Band - Brake	2.15
214368	Roller - Bearing	2.35

PART NUMBER	DESCRIPTION	MFG. SUGG. LIST PRICE
213531	Pin - Latch	$ .65
215054	Actuator	.35
215071	Power Cord	2.95
215094	Lead	.45
215093	Lead	.50
215055	Switch	2.50
215053	Trigger	.50
215124	Spring - Compression	.25
215123	Button - Lock off	.25
215040	Handle - Housing	6.25
215086	Screw - 8-16 x 2.5	.50
215043	Handle - Auxiliary	5.75
215092	Screw - 8-16 x 1.5	.25
215042	Boss - Cover	.25
215080	Screw - 8-16 x .937	.25
214515	Cap - End	1.15
214516	Plug - End cap	.25
214507	Heat Sink & Bearing Asy	2.10
214514	Brush	.25
215105	Holder - Brush	.40
215181	Lead - Brush	.60
215182	Spring - Brush	.25
215080	Screw - 8-16 x .937	.25
215178	Screw - 10-32 x 2.5	.25
215180	Nut	.25
215168	Case - Field	10.50
215108	① Plate - Name	.40
215106	② Plate - Name	.40
215103	③ Plate - Name	.40
215099	Screw - 10-32 x 2.375	.45
215065	Screw - 10-32 x .62	.25
215045	Gear Case Cover Assembly	12.50
94524	Bolt - Bar	.30
215046	Spindle, Gear, Rotor Asy	9.25
978981	Kit - Vane/Spring	.25
215185	Washer - Spring	.25
215098	Kit - Oiler valve	1.10
215051	Hose - Oil pickup	.40
215044	Gear Case Assembly	17.95
215183	Spacer	.25
214512	Washer - Fiber	.25
215050	Hose - Oil pickup	.35
215048	Reservoir - Oil	1.95
215049	Cap - Reservoir (vented)	.25
215104	Armature & Fan Assembly	37.95
215260	③ Armature & Fan Assembly	44.95
214511	Washer - Spring	.25
214509	Field Assembly	15.95
215261	③ Field Assembly	18.95
215068	Baffle - Fan	.60
93797	Wrench - Combination	1.59
215202	Extension Cord - 50 ft.	29.95

① Used on EM 10 units only.

② Used on EM 12A units only.

③ Used on EM 14A units only.

④ Used on EM 12A & EM 14A units only.

EM-8 SERVICE PARTS AND PRICING

(Listed in IPL Sequence)

PART NUMBER	DESCRIPTION	MFG. SUGG. LIST PRICE
120029	Nut - Bar	$ .35
215100	Cover - Chain	1.05
214261N	Chain - MM37O GL	10.70
213698	Bar	12.99
90658	Screw - Bar adjusting	.25
84929	Nut - Bar adjusting	.85
110907	Ring - Retaining	.30
215080	Screw - 8-16 x .94	.25
215061	Screw - 8-16 x 1.25	.25
215072	Screw - 8-16 x .62	.25
215115	Label - Warning	1.05
215060	Housing - Cover	3.50
215125	Power Cord	2.75
215128	Trigger - Oil pump	.35
215126	Switch	2.50
215124	Spring	.25
215123	Button - Lock off	.25
215053	Trigger	.50
215127	Housing - Motor	3.50
215082	Handle - Aux	4.75
215058	Hand Guard	3.50

PART NUMBER	DESCRIPTION	MFG. SUGG. LIST PRICE
215122	Screw - 7-18 x .43	$ .25
215121	Cap - End	1.05
215120	Brush, Spring & Plate Asy	2.35
215130	Field Case & Field Assembly	16.50
215073	Plate - Name	1.05
215079	Screw - 8-32 x .50	.25
215119	Baffle	.30
215059	Screw - .25-14 x 1.375	.50
215110	Cover - Gear case	.30
215109	Gear Case Assembly	28.95
215129	Push Rod - Oil pump	.45
215056	Reservoir - Oil	1.75
215057	Cap - Reservoir	.25
94524	Bolt - Guide bar	.30
215118	Tubing	.25
215117	Lead - Black	.30
215116	Lead - White	.35
215113	Washer - Fibre	.25
215114	Washer - Spring	.25
215111	Armature & Fan Assembly	24.95
93797	Wrench - Combination	1.59

McCULLOCH Corporation

ELECTRIC CHAIN SAW
TWO YEAR LIMITED WARRANTY

McCulloch Corporation warrants that it will repair, without charge, any defects in this electric chain saw that are due to faulty material or workmanship, for a period of two (2) years from the date of original purchase when the chain saw is used for personal, family or household purposes or when used for Farm/Ranch purposes providing that they are not professional cutting or commercial purposes. No warranty is extended when this chain saw is used commercially (e.g. Rental, or Professional use).

Simply return the complete unit, transportation prepaid, to the dealer from whom it was purchased, or the nearest McCulloch Authorized Service Center (M.A.S.C.), or to a Black and Decker Service Center (for addresses see back cover of owner's manual). Transportation costs are to be borne by the customer.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For problems that cannot be resolved by local servicing outlets, contact McCulloch Corporation, Product Service Department.

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