McCULLOCH SERVICE BULLETIN

NO. 1645

MODEL Pro Mac 850 Chain Saws DATE July 1, 1977

SUBJECT Model Number 600439 (13-)

Pro Mac 850 chain saws now being manufactured are identified by Model Number 600439 and Serial Number Prefix 13-. The Illustrated Parts List for these models is P/N 93377. Your distributor should provide you with a copy of this IPL in the near future if he has not already done so.

The Pro Mac 850 is an improved Super Pro 81E model with a redesigned CHAIN BRAKE assembly that includes an extended brake housing which completely covers the muffler as well as the clutch assembly.

A flexible, light-weight frame brace made of hardened aluminum has been added to the Pro Mac 850. This new frame brace features a boot loop that will aid in starting the saw, and reduces the handle vibration level.

The manual oiler has been changed from an indirect to direct system, with components similar to those found on standard mount 10 series units.

A new muffler has been designed to fit under the new brake housing and to further reduce engine noise.

The following changes should be made to IPL, P/N 93377.

1. Figure 7, Item 47, Cyliner/Crankcase/Piston Kit, change P/N 93265 to P/N 92450C. (Kit, P/N 93265 can be used only on SP 81E units.)

2. Figure 7: add Spark Arrester Baffle, P/N 93014, for suffix letter A. Also add P/N 93014 to the Accessories List.

Information concerning those parts used in the Pro Mac 850, Model Number 600439, Serial Number Prefix 13-, which differ from the Super Pro 81E is presented in the following table.

IPL Location	Part Number	Description	Qty.	Mfg. Sugg. List Price	Stock Code
Fig 1	93037	Screw-Frame Brace	1	.30	A
"	93096	Screw-Shoulder	1	.30	A
"	100005	Washer-Plain	1	.12	A
"	101191	Nut-Hx Lock 10-24	2	.16	A
"	104395	Screw-Pan 10-24 x 5/8 (B,E,J)	2	.13	A
"	110291	Screw-Pan 10-24 x 1-1/2 (A,D)	2	.21	A
"	110964	Washer #10 (A,D)	2	.12	A
"	92701	Clamp-Bottom	1	.30	A
"	92704	Mount	1	.50	A
"	92703	Hub-Mount	1	.30	A

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IPL Location	Part Number	Description	Qty.	Mfg. Sugg. List Price	Stock Code
"	92700	Clamp-Top	1	1.00	A
"	92698	Frame & Grip Asy (B,E,J)	1	4.00	A
"	92707	Frame & Grip Asy (A,D)	1	20.00	A
"	92696	Brace-Frame	1	.30	A
"	93032	Grommet-Frame Brace	1	.25	A
"	93170	Nameplate	1	.55	A
Fig 2	92988	CHAIN BRAKE Asy	1	25.50	A
"	93076	. Lever Asy	1	10.25	A
"	93077	. . Pin Asy-Roller	1	2.75	A
"	93085	. Spring-Brake	1	.50	A
"	93083	. Latch	1	.50	A
"	93669	. Pivot-Latch	1	.25	A
"	93081	. Band-Brake	1	1.85	A
"	93082	. Pin-Band Anchor	1	.25	A
"	92987	. Housing Asy-Brake	1	12.50	A
Fig 3	69952	Bracket-Air Cleaner	1	.95	A
"	92903	Rod-Oiler	1	1.35	A
"	93002	Tank Assembly-Fuel	1	45.75	A
"	89320	Insert-Handle grip	1	1.10	A
Accessories	91967	Kit-Spike	A/R	2.00	A
"	102388	. Screw-Hd hd 10-24 x 5/8	A/R	.15	A
"	24236	. Washer-Special	A/R	.55	A
"	101191	. Nut-Hx 10-24	A/R	.16	A
Fig 7	110338	Screw-Pan hd 8-32 x 1/2	2	.13	A
"	110613	Washer-#8	2	.12	A
"	84156	Housing-Pump	1	3.95	A
"	62262	Cap-Housing	1	.60	A
"	92902	Plunger-Pump	1	.50	A
"	66687	Spring-Pump	1	.60	A
"	89115B	Pump Asy-Pulse	1	17.10	A
"	110563	Screw-Skt hd 8-32 x 1/4	2	.16	A
"	93016A	Cover-Spark Arrester	1	1.80	A
"	93014	Baffle-Spark Arrester	1		
"	93011	Body & Duct Asy	1	9.00	A
Fig 8	90921A	Fan Housing & Starter Asy	1	27.65	A
"	62191A	. Insert-Starter	1	.75	A
"	93137	. Handle-Starter	1	1.00	A

NOTE: Suffix letters shown in parenthesis after the description denote variations in parts or assemblies in the manufacture of the saw. Domestic (U.S.) parts are identified by suffix letter D.

McCULLOCH CORPORATION

Product Service Department