McCULLOCH

# SERVICE BULLETIN

NO. 1657

MODEL Pro Mac 850 Chain Saws DATE September 1, 1977

SUBJECT Model Number 600439 (14-)

Pro Mac 850 chain saws now being manufactured are identified by Model Number 600439 and Serial Number prefix 14-. The Illustrated Parts List for these models is P/N 93715-R1. Your distributor should provide you with a copy of this IPL in the near future if he has not already done so. IPL P/N 93715-R1 supercedes and replaces all previous Pro Mac 850 IPL's.

The Pro Mac 850 now features a new one piece McCulloch Electronic Ignition System. This single piece ignition system completely replaces the two piece system formerly used on the PM 850, and is used in conjuction with the standard 10 series flywheel.

This is the same electronic ignition assembly used on the Pro Mac 700. Refer to SB 1652 regarding service procedures for this system.

The shock mount components of the PM 850, serial number prefix 14-, have been changed to make the saw more compatible to long bar operation. Front Mount, P/N 93926 and Rear Mount, P/N 93925, are basically the same "solid" mounts used on the SP81E series. The lower mount components are also the same as those used on the SP81E.

NOTE: The following two assemblies are listed in IPL P/N 93715-R1 (Figure 5 and Figure 8, items 28-32), but are not being used on models currently in production. These two assemblies and their components will not be available until late September, 1977. Do not order these parts until you are advised of their availability through a later Service Bulletin.

1. Flywheel Assembly, P/N 86068A. This is a 24-fin flywheel assembly which will provide improved engine cooling efficiency. This assembly is interchangeable with Flywheel Assembly, P/N 86068, as an assembly. However, the assembly components are not interchangeable.

2. Carburetor Assembly (Zama C-2), P/N 93789. Service information and specifications will be made available for this carburetor in a later FSN.

Information concerning those parts used in the Pro Mac 850, Model Number 600439, serial number prefix 14-, which differ from the previous Pro Mac 850 IPL is presented in the following table.

| IPL Location | Part Number | Description | Qty. | Mfg. Sugg. List Price | Stock Code |
|---|---|---|---|---|---|
| Fig 1 | 84978A | Shield-Sawdust | 1 | 6.40 | A |
| " | 103353 | Screw-Hx hd 10-24 x 1-1/2 | 2 | .15 | A |
| " | 93736 | Clamp-Frame | 1 | .55 | A |
| " | 83828A | Wire Asy-Ground | 1 | 1.20 | A |
| " | 93932 | Clamp - Top | 1 | 1.00 | A |
| " | 13643 | Washer-Special | 1 | .45 | A |
| " | 110679 | Screw-Hx hd 1/4-20 x 2 | 1 | .52 | B |
| " | 110845 | Washer-Plain | 1 | .21 | A |
| " | 84661 | Grommet | 1 | .65 | A |
| " | 85898 | Mount | 1 | 4.85 | A |
| Fig 4 | 83661 | Wire Asy-Stop Switch | 1 | .75 | B |
| Fig 8 | 93925 | Mount-Rear | 1 | 4.65 | B |
| " | 86068 | Flywheel Asy | 1 | 20.05 | A |
| " | 110127 | Screw-Hx hd 10-24 x 7/8 | 1 | .15 | A |
| " | 100002 | Washer #10 | 2 | .12 | A |
| " | 83512 | Stud-Special | 1 | 2.05 | C |
| " | 92785 | Electronic Ignition Asy | 1 | 19.95 | A |
| " | 92796 | . Wire Asy-Spark plug | 1 | 2.00 | A |
| " | 102556 | . . Connector | 1 | .40 | A |
| " | 85758 | . . Boot | 1 | 1.05 | A |
| " | 110995 | . Grommet | 1 | .20 | A |
| Fig 9 | 93926 | Mount-Front | 1 | 4.65 | A |
| " | 60260B | Piston Asy-Pump | 1 | 1.80 | A |
| " | 92450C | Kit-Cyl/C'case, piston | 1 | 68.95 | A |

McCULLOCH CORPORATION

Product Service Department