McCULLOCH CORPORATION

SERVICE BULLETIN

1562

MODEL: Power Mac 6 Automatic

June 15, 1974

SUBJECT: MANUFACTURING LEVEL CHANGE

Current production units of Power Mac 6 saws are identified by serial number prefix 14- (manual models) and 13- (automatic models). Saws manufactured with these serial number prefixes (changed from 13- and 12- units respectively) are covered in Illustrated Parts List, P/N 90681. Important differences in the new build level include:

Bar - 14" Sprocket nose. Requires no lubrication other than that provided by chain oil. Use only Mini Mac or Mini Pro chain.
Chain - 3/8" Pitch, Mini Pro 370G
Sprocket & Drum Assy - 3/8" Pitch
Stack muffler with louvered cover. (Muffler gasket no longer required.)

These and other new, added or changed parts for the Power Mac 6 models are listed as follows: (indicated in the I.P.L. by a dash (-) preceding the part number).

Figure 1.

Part No.	Description
88435	Wire Assy - Stop switch
87900	Housing - Air cleaner
90708	Drum, Sprocket, Bearing Assy Note: Changed to P/N 90150.
90690	Spacer - Clutch Note: This spacer has been removed from the latest production units. Delete the part number from the list.
90691	Washer - Sprocket Note: Changed to P/N 90389
101391	Nut - Hex 3/8-24
84957	Coil & Lamination Assy

Figure 3.

100080	Washer - #8

Figure 4.

86439	Crankshaft
87165	Ring Set - Piston
110674	Screw - Hex hd 10-24 x 1/2
89684	Cover - Muffler
110746	Screw - Hex hd 10-24 x 1/2
89682	Body - Muffler

Figure 5.

Part No.	Description
110264	Washer - Special
90447	Carburetor Assy
90444	Kit - Body & Gasket
88785	Gasket
85059	Kit - Needle and lever
83758	Kit - Check valve
90470	Throttle Shaft Assy
84990	Choke Shaft
90409	Repair Kit
83751	Body Assy - Carburetor, delete (No longer available)

Figure 6.

105490	Washer
87851	Handle - Starter

Accessories, page 11.
Corrections of Description

89685	Screen - Spark arrester
68768	Kit - Louver muffler

New Parts - Prices (Not previously released)

Part Number	Description	Manufacturer's Suggested List Price	Stock Code
90150	Drum, Sprocket, Bearing Assy	$ 5.95	A
90447	Carburetor Assy	19.85	A
90550	Bar	18.65	A

Service Specifications

Spark Plug	AC CS 45T
Spark Plug Gap	.025 inch (.63 mm)
Lamination Gap	.010 to .015 inch (.254 to .381 mm)
Breaker Point Gap	.018 inch (.46 mm)
Timing	26° BTDC

Carburetor Adjustment
- Idle Needle - Preliminary adjustment 1 turn open
  Adjust for smooth idle and acceleration
- Main Needle - Preliminary adjustment 1 turn open
  Adjust for maximum power under load

Clutch Engagement Speed - 2600 to 3000 RPM

Torques
- Connecting Rod Screws - 35 to 40 inch/pounds (40 to 46 cm/kg)
- Clutch Nut - 125 to 150 inch/pounds (144 to 173 cm/kg)
- Flywheel Nut - 240 to 300 inch/pounds (276 to 345 cm/kg)

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