McCULLOCH SERVICE BULLETIN

NO. 1673

MODEL Pro Mac 610/650 Series DATE October 1, 1978

SUBJECT Manufacturing Changes and Illustrated Parts List (P/N 93716-R1) Update.

Due to recent manufacturing changes in Pro Mac 610/650 model chain saws, the following revisions should be made to Illustrated Parts List, P/N 93716-R1.

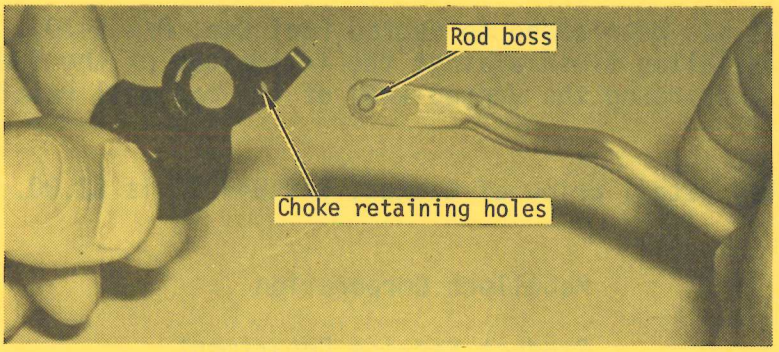
1. Figure 1, Item 15; Change the description to Kit-Clutch shoes, and the quantity from 2 to 1. The kit contains both clutch shoes.

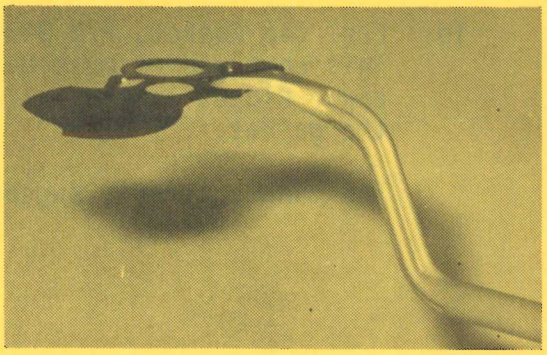
2. Figure 1, Item 47; Change Carburetor Choke, P/N 91992 to P/N 94151.

3. Figure 1, Item 54; Change Choke Rod, P/N 92001 to 94171.

   NOTE: Carburetor Choke, P/N 94151, and Choke Rod, P/N 94171, are contained in Choke and Rod Kit, P/N 94482. All orders for the old carburetor choke and choke rod will be filled with this kit. When this kit is used as replacement on models originally equipped with the old components, the cotter pin and washer used as retainers must be discarded.

   To assemble the new choke and rod, position the rod bosses in the retaining holes in the choke as shown. The manufacturer's suggested list price for this kit is $1.00.





4. Pro Mac 610 units are now being built with Tillotson HK 19A Carburetor Assembly, P/N 93739, as an alternate carburetor. Along with this SB, you will be receiving Service Information 149 which will include the parts list and IPL drawing of this carburetor and should be used as a supplement to IPL, P/N 93716. Be certain to identify the carburetor before ordering replacement parts. The manufacturer's suggested list price for this carburetor is $21.00.

   The settings for this carburetor are:

   Idle Speed Needle: seated, then one turn out
   Hi Speed Needle: seated, then one turn out
   Inlet Lever: flush to .010" below fuel control chamber (module) floor
   Pressure Test (to inlet lever): 5 PSI

5. Figure 5, Item 1; Change Screw, P/N 120035, Pan hd M4 x 16 (SEMS) to P/N 120036, Pan hd M4 x 25 (SEMS).

6. Figure 5, Delete item 2.

7. Figure 5, Item 45; Change Screw Asy, P/N 62105 to Screw, P/N 62106.

8. Figure 5, Item 46; Change Sealing Washer, P/N 62842 to P/N 111025 (P/N 111025 is an aluminum washer).

9. Pro Mac 650 units are now being manufactured with Cylinder/Crankcase Assembly, P/N 94536 and DSP Valve, P/N 94533.

   Since the valve and cylinder configurations of these components are slightly different from those of the original PM 650 valve and cylinder (DSP valve, P/N 94372 and Cyl/C'case Asy, P/N 94305), the old and new parts are not interchangeable. It is extremely important that each DSP valve is used with the correct cylinder. Severe damage could result to the cylinder if the wrong valve is used. Please match these components as indicated in this table:

Use	Use
DSP Valve, P/N 94372	DSP Valve, P/N 94533
With	With
Cyl/C'case Asy, P/N 94305	Cyl/C'case Asy, P/N 94536

   S.I. 149 contains full size drawings of the two DSP valves which should be used to identify both the old and new valves.

10. Fuel Cap Gasket, P/N 94707Z has been added to vented Fuel Cap, P/N 94107. This cork gasket must be installed flush against the inside top of the fuel cap. Ridges in the walls and around the vented area of the cap will retain the gasket.

    The manufacturer's suggested retail price of Gasket, P/N 94707Z is $2.00.

McCulloch Corporation

Product Service Department

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