McCULLOCH SERVICE BULLETIN

NO. 1675

MODEL Pro Mac 610/650 Throttle Rod

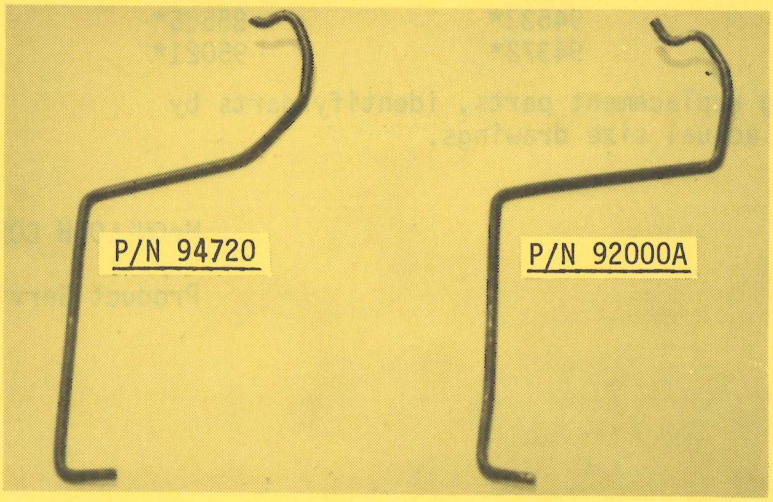
DATE January 1, 1979

SUBJECT 1. Pro Mac 610/650 Throttle Rod

2. PM 650 DSP Washer/Spacer, P/N 95021

1. There have been reports from the field about not being able to obtain an idle speed low enough to prevent chain movement on some PM 610/650 units. Investigation of the reports revealed that under certain conditions the choke rod can restrict rearward travel of the throttle rod. This, in turn, can prevent the throttle valve from closing enough to obtain an idle R.P.M. below clutch engagement R.P.M.

A throttle rod, P/N 94720(Z), is now available which will eliminate this problem, even though the choke is pushed too far. The original throttle rod 92000A(Z) and the new throttle rod are illustrated below.

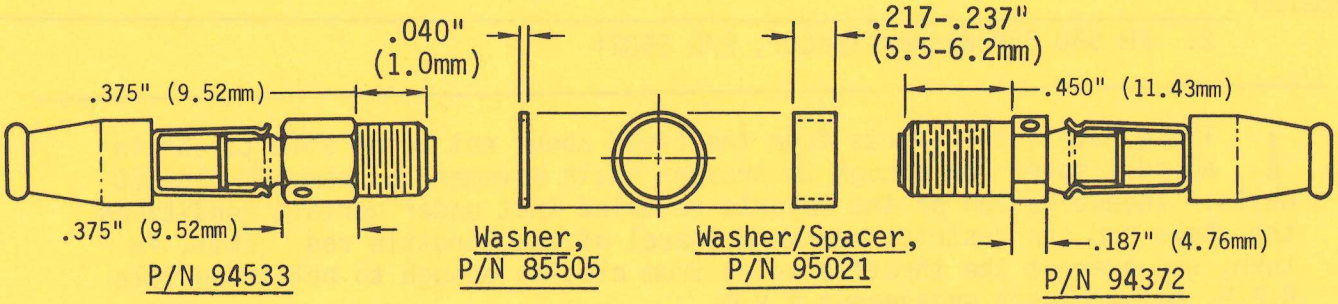


2. As noted in Service Bulletin 1673 and Service Information 149, Pro Mac 650 chain saws have been manufactured with two different compression release (DSP) valves. In both the S.B. and the S.I. it was pointed out that DSP Valve, P/N 94372 could only be used with Cylinder/Crankcase Assembly, P/N 94305, and that DSP Valve, P/N 94533 could only be used with Cylinder/Crankcase Assembly, P/N 94536.

However, due to a vendor supply problem, the P/N 94533 valve has been available only in limited quantities. Therefore, Spacer/Washer, P/N 95021, is now being used on PM 650 units now being manufactured with the P/N 94536 cylinder. This spacer/washer allows for the use of the P/N 94372 valve in the P/N 94536 cylinder. Please note that Spacer/Washer, P/N 95021, is used only when Valve, P/N 94372, is to be used in Cylinder/Crankcase Assembly, P/N 94536.

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There is considerable difference between the washer/spacer and the DSP Washer, P/N 85505. This difference will allow for easy identification of the parts by visual comparison. Actual size drawings of these two components and the two DSP valves currently being used are shown below, along with a reference table showing where the components are correctly used. Use these drawings to identify the component(s) the unit is equipped with before ordering replacement parts.



Cyl/C'case	equipped with	DSP Valve	must use	Washer
94305		94372*		85505*
94536		94533*		85505*
94536		94372*		95021*

*Before ordering replacement parts, identify parts by comparing with actual size drawings.

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