McCULLOCH SERVICE BULLETIN

NO. 1578

MODEL MAC 10 Series Saws. DATE November 20, 1974

SUBJECT Manual and Automatic Oil Pump Mount Screw Torques.

To ensure proper operation of both the manual and the automatic oil pumps, it is necessary that the mounting screws be torqued (tightened) correctly.

If the screws are too tight the pump body may be distorted, which can cause the mechanism to bind. If too loose, the pump will not be sealed at the base. In either case, oil will not be delivered to the chain.

It is important to note that when torque specifications are listed they are absolute minimum and maximum figures. The torque must not be less than the minimum, nor more than the maximum stated.

INSTALLATION OF MANUAL OIL PUMP

1. Ensure that Manual Pump Housing, P/N 84156, is properly positioned with Pump Gasket, P/N 62230, underneath.

2. Torque (tighten) Screw-Fil-hd SEMS 8-32 x .50, P/N 103672, to 15 to 20 in.-lb (17.5 to 23 cm-kg).

INSTALLATION OF AUTOMATIC OIL PUMP

A special 10-24 x .88 Torque-Patch Screw, P/N 110865, is used as the pump mounting screw. This screw has a Nylon torque patch on the threads that holds it in place.

NOTE: The torque patch loses some of its holding characteristics with each removal. For this reason, a new Screw, P/N 110865, should be used when a screw has been removed and re-installed a maximum of 5 times.

1. Ensure that Automatic Oil Pump, P/N 89115, is properly seated on oil pump mounting boss (inside chain oil reservoir), with Pump Gasket, P/N 89642 (NEW) underneath.

2. Ensure that Washer, P/N 100003, is in place under head of Torque-Patch Mounting Screw, P/N 110865, and torque (tighten) screw to 23 to 27 in.-lb (26.5 to 31 cm-kg).

McCULLOCH CORPORATION

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