McCULLOCH SERVICE BULLETIN

NO. 1637

MODEL SP 81E DATE June 1, 1977

SUBJECT Problem caused by reed/reed stop removal

We have received several reports about the rear handle on the SP 81E becoming hot and causing undue heat in the air box/fuel tank area.

In all cases we have found the problems were caused by the reed and reed stop being removed from the muffler. When these parts are removed, exhaust heat is deflected back on to the air box/fuel tank assembly.

The symptoms have been reported in several ways:

1. Easy to start cold--hard to start hot.
2. Good performance cold--low performance hot.
3. Rear handle becomes uncomfortably hot.
4. Unit sputters and performs erratically when hot. This symptom sounds like an ignition miss which has been blamed on the C.D.I. system and is quite likely lean running caused by fuel partially vaporizing in the carburetor.

The heating problem does not exist if:

1. The reed and reed stop are re-installed.
2. The reed stop is re-installed.
3. Louvered Muffler Cover, P/N 84603 is installed.

We recommend that the reed and reed stop be re-installed because this will cure the heating problem as well as reduce the exhaust noise.

McCULLOCH CORPORATION

Product Service Department

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