McCULLOCH SERVICE BULLETIN # 1016

SUBJECT Improved Reed Valve

MODEL S-44 & S-55 DATE 3-6-58

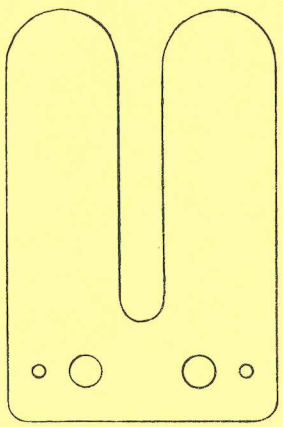
A new reed valve, part number 51809, which has increased dimensions to provide better sealing of the fuel tank bottom outlets, is now being installed on all Model D-44, 55, Super 44, and Super 55 saw engines and is available for service replacements.

The earliest Model D-44 reed valve, part number 51292, and the subsequently improved reed valve, part number 51809, were dimensionally identical though there was a difference in thickness of the material from which they were made. The second valve was intended for use on the Model D-44 and 55 saw engines.

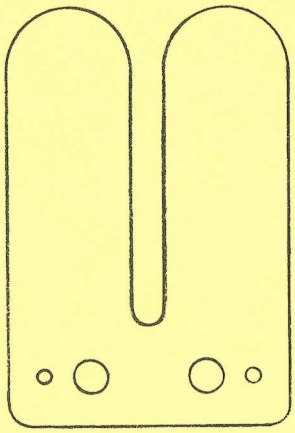
When used on Model Super 44 and Super 55 saw engines, this "improved" reed valve did not always provide complete fuel outlet coverage, and could cause excessive wear on the tank bottom. Incomplete outlet coverage allowed fuel blow back. Wearing of the tank bottom increased the size of the outlet holes, further accentuating the possibility of blow back. This blow back resulted in lean and erratic engine operation.

If a Super 44 or a Super 55 engine does not operate smoothly, and upon removal of the tank, a defective reed valve condition is discovered, it can be corrected by the installation of the latest, dimensionally increased, reed valve, part number 51809, to give ample outlet sealing.

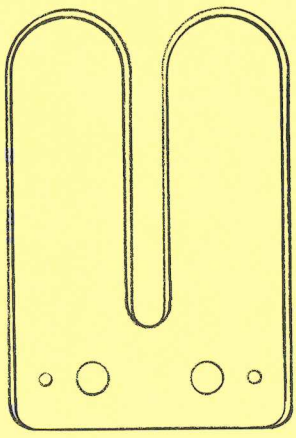
For your convenience in identifying various reed valves, the following exact size outlines are shown:



51292 & EARLY 51809



LATEST 51809



EARLY 51809 SUPERIMPOSED ON LATEST 51809, SHOWING DIFFERENCE IN SIZE.

LITHO IN U.S.A.