McCULLOCH

SERVICE BULLETIN # 1092

SUBJECT: CAPILLARY SEAL REPLACEMENT

MODEL MC 10

DATE 4/19/60

The capillary seal, P/N 55063, on McCulloch carburetors can be plugged by either dirt or water when the carburetor is used on a kart engine (MC 10 or other). When the capillary seal becomes plugged, the high speed mixture goes lean and the engine can be seriously damaged.

The usual symptom of a plugged seal can be detected when continued backing out of the main fuel needle does not enrich the mixture or correct the lean condition at high speeds.

To correct this condition, remove the capillary seal and replace it with a new Screen, P/N 36447. A new Expansion Plug, P/N 104145, will be required.

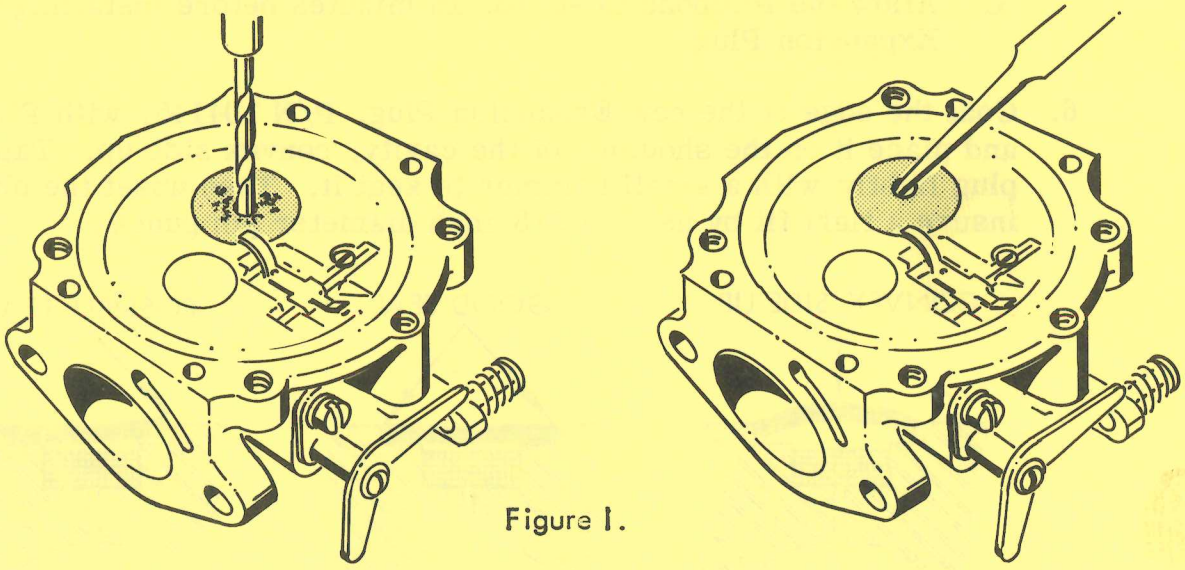


Figure 1.

1. Drill a 1/8" diameter hole through the center of the expansion plug. Drill the hole to just break through the plug.
2. Insert a pick or punch into the drilled hole and carefully pry out the expansion plug.
3. Remove plugged capillary seal.
4. Thoroughly clean the cavity with a solvent to remove oil film.
5. Apply Pliobond, or an equivalent sealing compound, around the edges of a new Screen, P/N 36447, and install the Screen in the cavity.

COPYRIGHT 1960 McCULLOCH CORPORATION

LITHO IN U.S.A.

A. Make sure that no Pliobond is on the bottom section of the Screen.

B. Install the Screen with turned edge up (Figure 2).

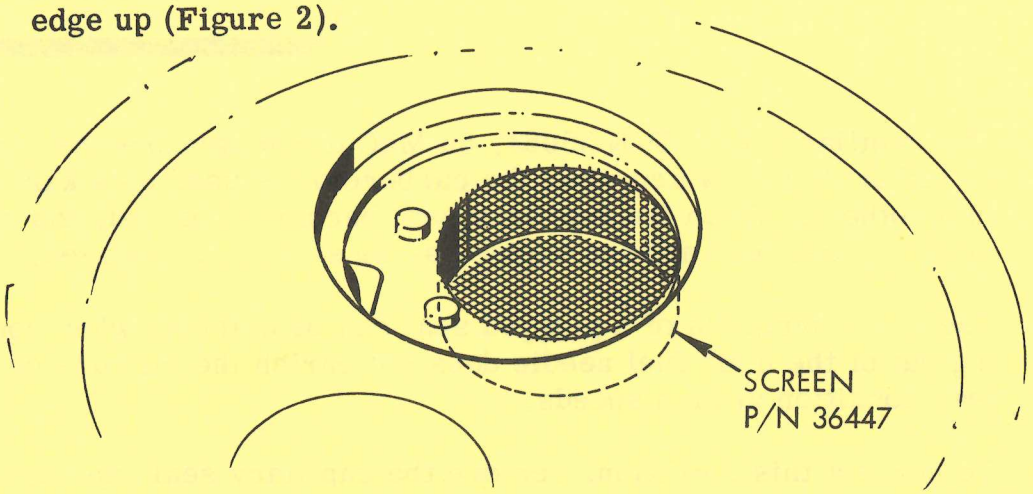
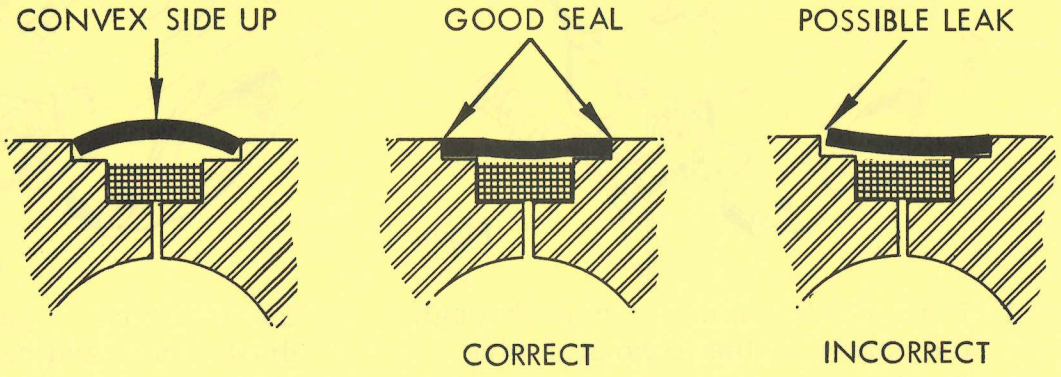


Figure 2.

C. Allow the Pliobond to set for 15 minutes before installing the new Expansion Plug.

6. Coat the edge of the new Expansion Plug, P/N 104145, with Pliobond and place it on the shoulder of the cavity, convex side up. Tap the plug lightly with a small hammer to seat it. Then upset the plug to insure a tight fit by using a 3/8-inch diameter pin punch.



CAUTION: Do not over depress or cut the expansion plug with the edge of the punch!