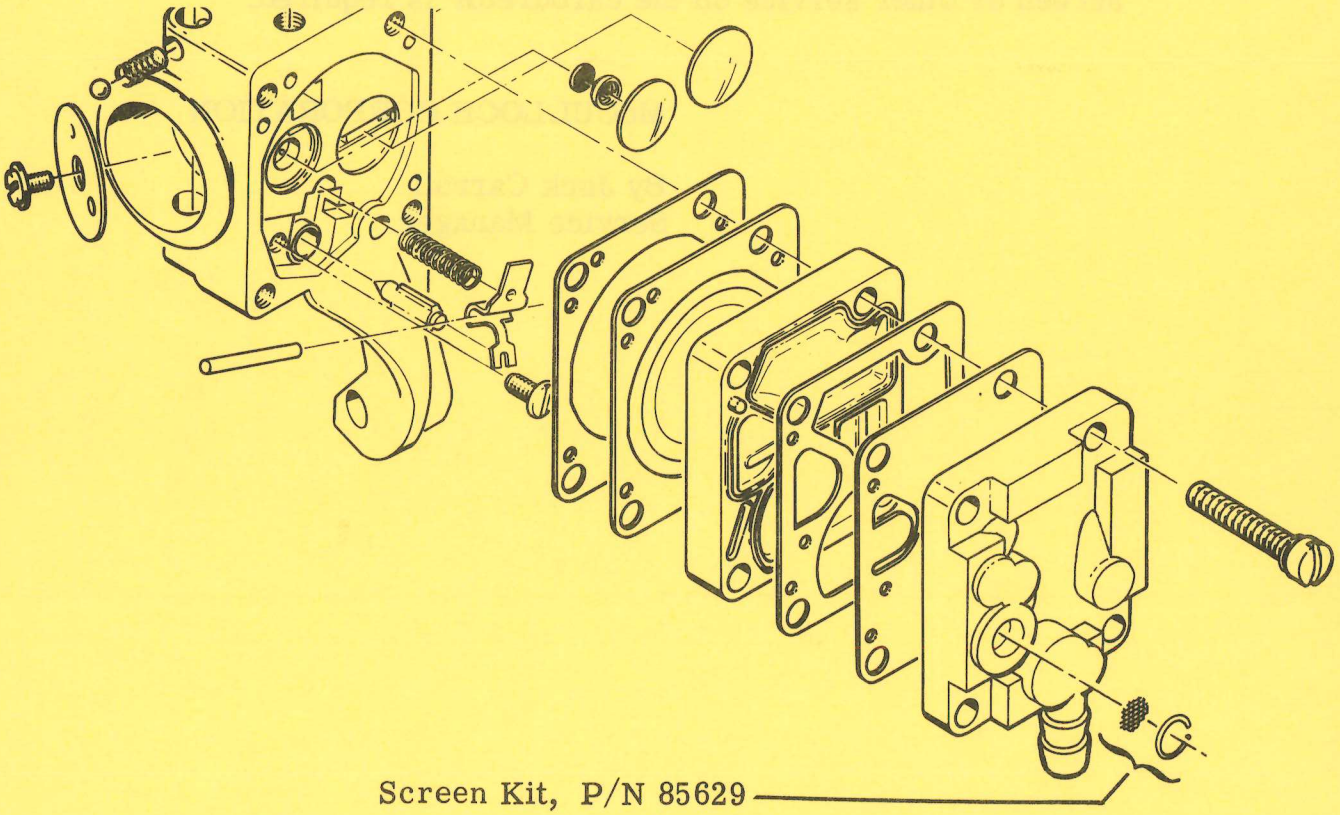
McCULLOCH CORPORATION
SERVICE BULLETIN

1501

MODEL: Mini-Mac 6 & 6A — March 4, 1971

SUBJECT: CARBURETOR FLOODING

Persistant carburetor flooding on the Mini-Mac 6 and 6A engine has been traced to fuel mix coating and closing the atmospheric vent screen in the fuel pump cover. See illustration below.



Screen Kit, P/N 85629

The effect of fuel mix sealing the screen is restriction of movement of the metering diaphragm and holding the fuel inlet needle in the open position.

To eliminate this problem, a vent screen of coarser mesh and a screen retaining ring is provided in Screen Kit, P/N 85629. The coarser screen is designed to prevent the capillary seal effect of fuel which was possible on the original screen.

(See page 2)

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The old retaining ring and screen can easily be removed by lifting them out of the fuel pump cover with the point of a knife or small pick.

Note: When servicing and troubleshooting problems on the Mini-Mac 6 carburetor, other factors affecting carburetor performance such as air leaks, dirt and lever setting, should not be overlooked. These factors were covered in detail in Service Bulletin No. 1498. This bulletin should be reviewed when installing the new vent screen or other service on the carburetor is required.

McCULLOCH CORPORATION

By Jack Carroll
Service Manager