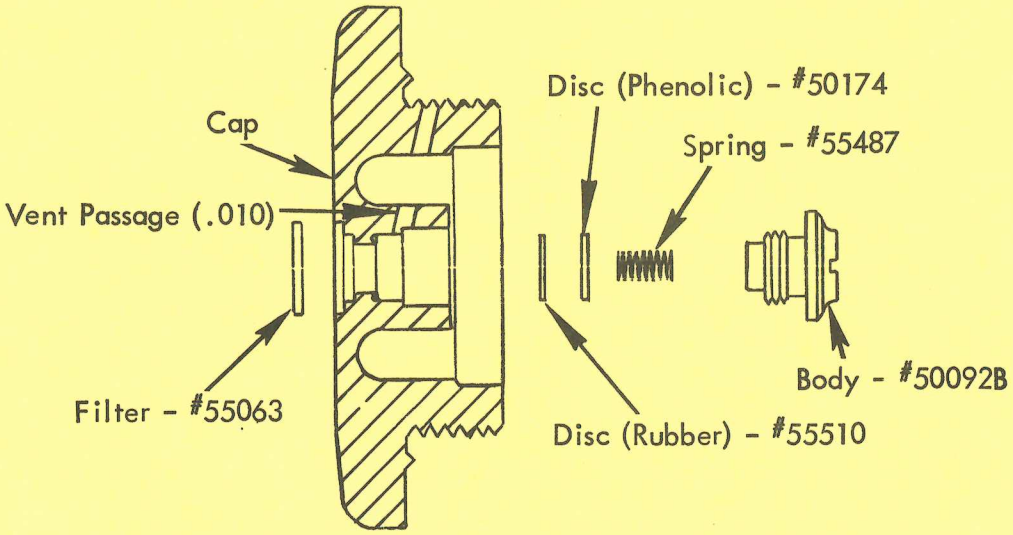
McCULLOCH

SERVICE BULLETIN # 1066

SUBJECT VENTED FUEL CAP

MODEL 1-60, 1-70, 1-80 DATE 7/30/59

Fuel tank venting on 1-60, 1-70, and 1-80 chain saw engines is made possible through the use of a fuel tank pressure vent valve and a new vented fuel cap assembly, P/N 55488. For servicing information on the pressure vent valve see Service Bulletin #1061A.



The vented fuel cap assembly contains a one-way valve which only permits air to pass into the fuel tank (see illustration). Neither air nor fuel can pass out from the tank through the valve in the vented fuel cap.

When fuel tank pressure becomes lower than atmospheric pressure and a partial vacuum is created in the fuel tank, then atmospheric pressure opens the valve in the fuel cap and air passes into the fuel tank and relieves the vacuum.

The filter in the cap and the vent passage will become clogged by dirt in time. When this occurs, the partial vacuum in the tank will make the engine run lean and no adjustment of the carburetor will correct the condition. The valve parts can be cleaned by removing them from the fuel cap and washing them in a solvent or gasoline. The filter in the fuel cap and the vent passage can be cleaned by first soaking the fuel cap in clean gasoline and then blowing compressed air (12-15 lbs pressure) through the filter and vent passage from the inside of the fuel cap. Before re-installing valve parts in the fuel cap, check each part to be sure it is in good condition.

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