



American General  
Aircraft Corporation

# SERVICE

# BULLETIN

## SERVICE BULLETIN No. 180

DATE: NOVEMBER 28, 1992

SUBJECT: FUEL SYSTEM INSPECTION

SERIALS EFFECTED: AG-5B 99998, AG-5B 10000 THROUGH AG-5B 10130

TIME OF COMPLIANCE: Within the next 50 hours of operation or the next scheduled inspection, whichever comes first and at each 50 hours thereafter until the installation of Service Kit 154

### GENERAL

It has been brought to our attention that the current fuel filtration system of the AG-5B does not have the capacity to meet the fuel straining requirements of the engine. This could lead to power loss or engine stoppage should the carburetor inlet screen become restricted.

### INSPECTION

In order to prevent possible loss of power, accomplish the following:

1. Prepare aircraft for safe maintenance as follows:
  - a. Ensure master switch is "OFF"
  - b. Ground aircraft to a suitable ground
  - c. Observe standard safety precautions

### CAUTION: FUEL SPILLAGE MAY OCCUR

2. Remove the fuel line from the right side of the carburetor
3. Remove the fuel inlet fitting (figure 1) and remove the fuel strainer
4. Clean, inspect and reinstall fuel strainer
5. Reinstall fuel inlet fitting
6. Re-connect fuel line
7. Operate electric fuel pump and inspect for leaks
8. Record inspection in the aircraft log book

Repeat the above inspection each 50 hours of operation until Service Kit No. 154 is installed. This kit provides a new in-line electric fuel pump which provides continuous fuel flow through the pump and it's internal fuel screen during all phases of engine operation.

PARTS AND LABOR CREDIT

Service Kit No. 154 is available from AGAC upon request at no cost. A labor credit of 2 hours will be allowed for installation

No labor credit will be allowed for Service Bulletin inspections.

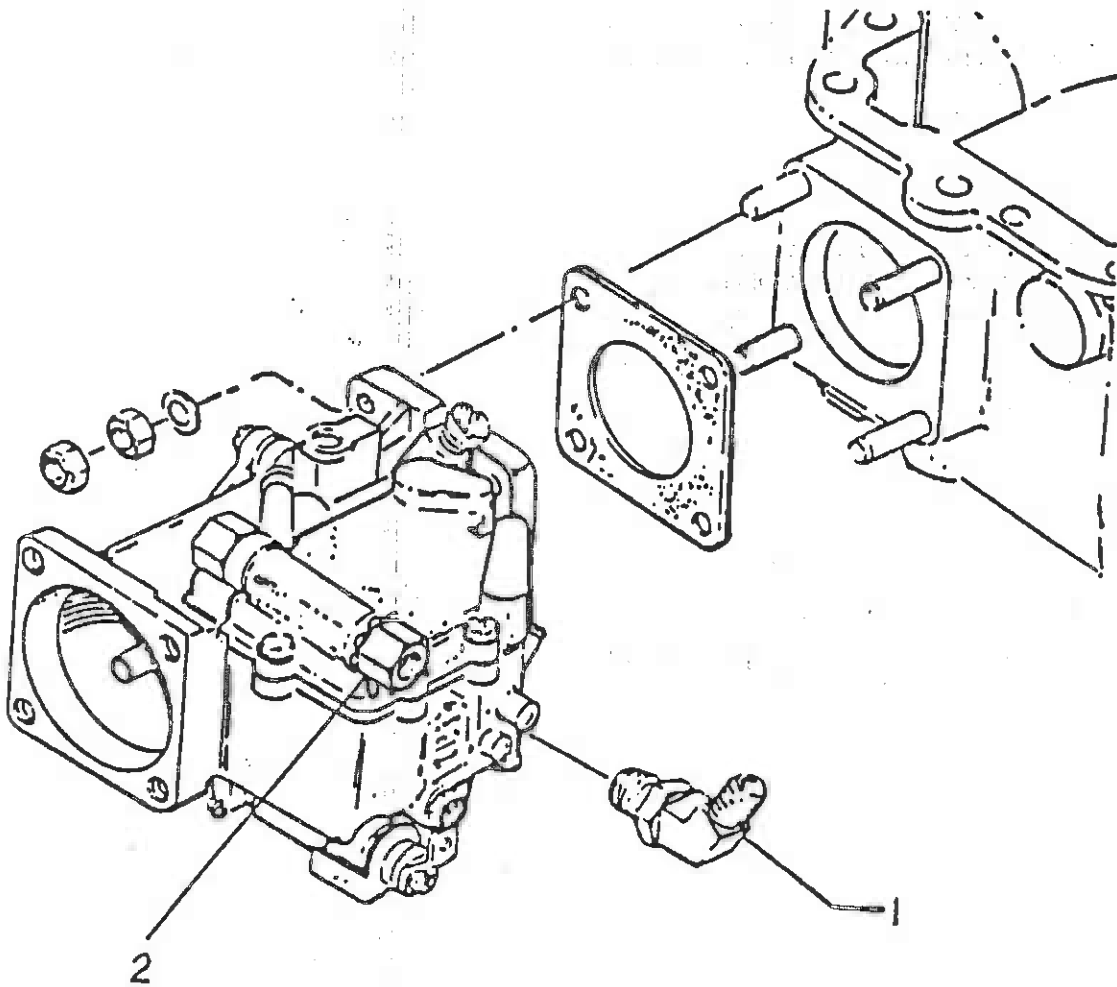


FIGURE 1