

**AMERICAN GENERAL SINGLE ENGINE AIRCRAFT SERVICE KIT NO. 152**

**SUBJECT:**

Fuel primer line replacement.

**PURPOSE/DISCUSSION:**

The purpose of this service kit is to remove the fuel primer line assembly in the aircraft and replace it with the primer line supplied with this kit.

Some of the fuel primer line assemblies may have been assembled using low temperature solder instead of silver brazing. This could result in failure of the line after a short time in service.

**DESCRIPTION:**

This Service Kit contains the parts and instructions required to replace the existing fuel primer line assembly with a new primer line assembly.

**PARTS REQUIRED:**

PART NUMBER	NOMENCLATURE	QUANTITY
5401121-540	Tube Assy	1

**SPECIAL TOOLS/EQUIPMENT REQUIRED:**

Standard aircraft mechanic's tools.

**EFFECTIVITY:**

AG-5B/ Tiger Serial Number 99998 and 10000 thru 10033.

**WEIGHT AND BALANCE:**

The effect of this accessory kit on the aircraft's basic weight and balance will be negligible.

**PRICE:**

N/A

One half hour at normal shop rate may be charged back to American General Aircraft Corporation using standard warranty claim procedures.

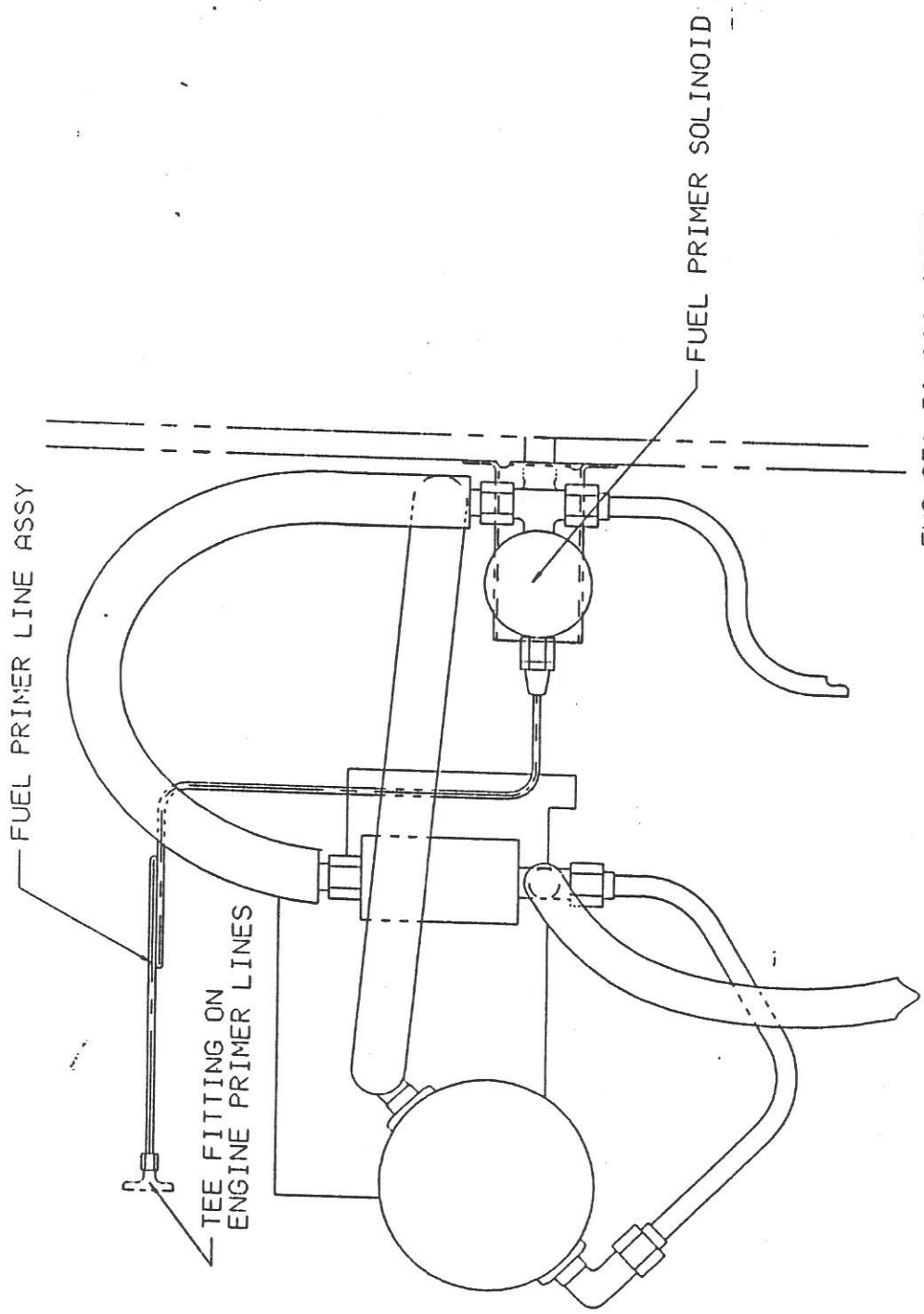
**MODIFICATION INSTRUCTIONS:**

The following instructions in step-by-step format are written as a guide to perform this modification. Compliance with safe maintenance practices as recommended in the Maintenance Manual and FAA regulations is mandatory. Please read all instructions and review all diagrams before starting this modification.

- A. Prepare aircraft for safe maintenance as follows:
  - A-1 Ensure all cockpit switches are off.
  - A-2 Ensure aircraft is grounded and battery is disconnected.
  - A-3 Observe all common aircraft maintenance safety practices.
- B. Replace the fuel primer line assembly with the new primer line assembly as follows:
  - B-1 Remove the primer line from the aircraft as shown in Figure 1.
  - B-2 Install the 5401121-540 Tube assy where the original primer line was removed (see Figure 1).
- C. Return aircraft to flight status.
- D. Record compliance in the aircraft logbook.
- E. Please fill in the attached compliance card and return it and the old primer line assembly to:

American General Aircraft Corp.  
P.O. Box 5757  
Greenville, MS 38703

FAA (DER) Approval of this Service Kit has been granted.



FUS STA 50.000 (REF)

FIGURE 1  
VIEW LOOKING DOWN (INSIDE COWL)