

# Service Letter

NUMBER: 20-109

DATE: 3-18-63

This Service Letter reidentified as  
Service Bulletin M 20-109  
per Service Instruction M20-15.

**SUBJECT:** Inspection of Fuel Line Between Firewall and Fuel Strainer  
for Chafing with Carburetor Heat Control

**MODELS AFFECTED:** M20, M20A, Serial Numbers 1002 through 1700A

**TIME OF COMPLIANCE:** Inspection within the next 10 hours of operation  
Modification within the next 25 hours of operation

## INTRODUCTION

It is necessary for the owners of the above affected aircraft to inspect the fuel line and secure the carburetor heat control to prevent possible fuel line chafing by the carburetor heat control.

## INSTRUCTIONS

1. Check to see which side of the fuel line the carburetor heat control passes by. If it passes by the right side, all that is necessary is to clamp it to the gas line; but if it passes to the left side of the fuel line, it must be rerouted to pass on the right side.
2. Install the MS21919DG6 clamp about one inch from the nut on the aft end of the gas line.
3. Install the AN742-3 clamp above the MS21919DG6 on the carburetor heat control as shown in Figure 1.
4. Install the hardware furnished in the kit to secure the clamps to one another.

## COMPLIANCE

Upon compliance with this service letter, please fill out the enclosed compliance card and return it to Mooney Aircraft for our files.

## PARTS LIST

|                    |   |
|--------------------|---|
| MS21919DG6 Clamp   | 1 |
| AN742-3 Clamp      | 1 |
| AN426-1032R9 Screw | 1 |
| AN960-10 Washer    | 1 |
| AN365-1032 Nut     | 1 |

This kit (S.L. Kit 20-109) may be purchased from Mooney Aircraft, Inc. Spare Parts Department, P. O. Box 72, Kerrville, Texas, at a cost of \$1.00.

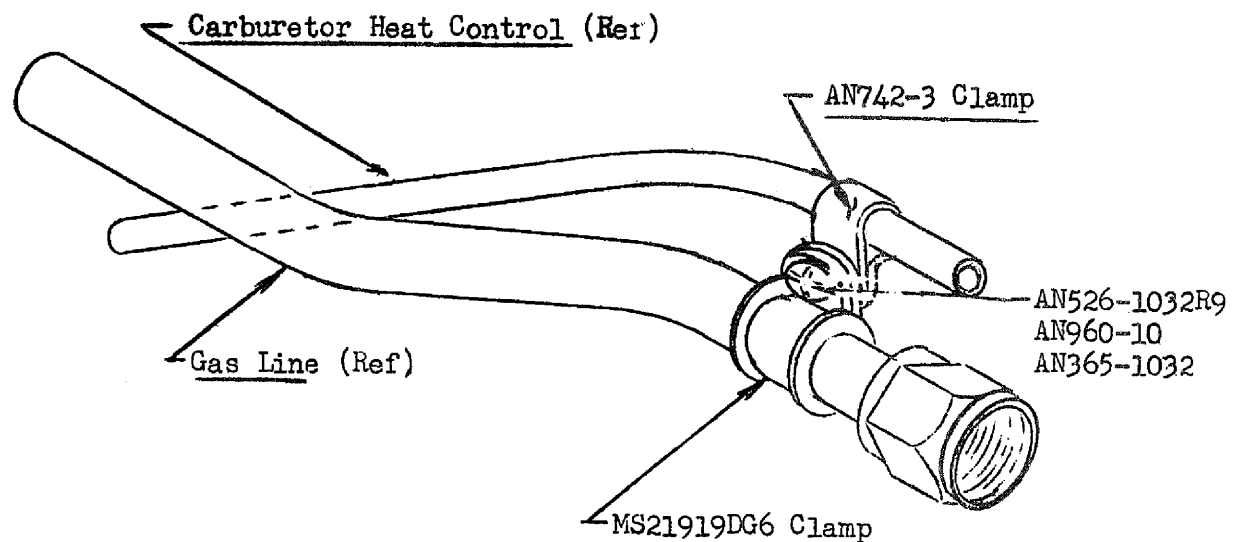


FIGURE 1