

Service Bulletin

Fuel Systems

Bulletin No.: RS-51

Date: 5-15-78

Revised: _____

Subject: REWORK OF FUEL PRESSURE FITTING P/N 2538997 FOR MODELS RSA-10ED1 AND
RSA-10AD1 FUEL INJECTORS

1. PLANNING INFORMATION:

- A. EFFECTIVITY: All RSA-10 Models using fuel pressure fitting Bendix P/N 2538997.
- B. REASON: To maintain adequate fuel pressure to the fuel inlet pressure gage, when the cabin heater is put into operation.
- C. DESCRIPTION: Rework fuel pressure fitting P/N 2538997 at the time of normal overhaul.
- D. COMPLIANCE:
Operating Activities: Information only.
Overhaul Activities: Comply at overhaul.
- E. APPROVAL: Compliance with this bulletin does not alter FAA TSO-conformance.
- F. MANPOWER: During normal overhaul, an estimated 15 minutes will be required to accomplish the rework.

G. MATERIAL AVAILABILITY:

<u>Part Number</u>	<u>Nomenclature</u>	<u>Availability</u>
951790	Packing, Preformed	Bendix Products Support Centers

- H. TOOLING: None.
- I. WEIGHT AND BALANCE: None.
- J. REFERENCES: None.
- K. PUBLICATIONS AFFECTED:
RSA-10EDI Manual Form No. 15-458D
RSA-10AD1 Manual Form No. 15-433C

2. ACCOMPLISHMENT INSTRUCTIONS:

A. During the course of the normal overhaul of the affected units, perform the following rework on the fuel pressure fitting P/N 2538997.

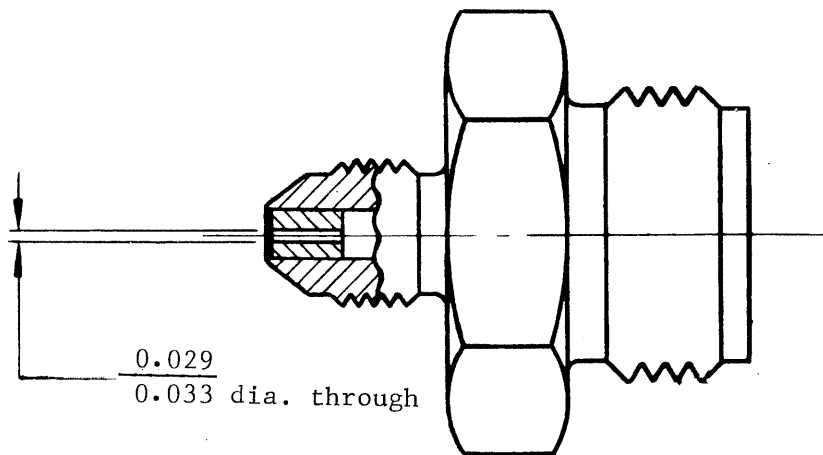
- (1) Enlarge the orifice of the fuel pressure fitting from $\frac{0.020}{0.027}$ dia. to $\frac{0.029}{0.033}$ dia. by using a 1/32 inch (#68) twist drill (See Figure 1).
- (2) Clean reworked fitting thoroughly, ensuring that all loose material has been removed.
- (3) Refer to the applicable overhaul manual for reassembly instructions.

B. IDENTIFICATION:

The fuel pressure fitting does not have a part number stamped on it, it is therefore required to check the dimension of the orifice to identify the correct part number fitting.

3. MATERIAL INFORMATION:

<u>New P/N</u>	<u>Quantity</u>	<u>Nomenclature</u>	<u>Old P/N</u>	<u>Disposition</u>
2539801	1	Adapter, Fuel Pressure	2538997	Rework per Figure 1
951790	1	Packing, Preformed	951790	Scrap



LA-5980

Figure 1.