Bendix Energy Controls Division
South Bend, Indiana 46620, U.S.A.

Service Bulletin

Fuel Systems

Bulletin No.: RS-48 Rev. 2

Date: 2-1-78
Revised: 1-8-79

Subject: THE 100 PERCENT REPLACEMENT OF FUEL INLET STRAINERS AT EACH OVERHUL.

1. PLANNING INFORMATION:

A. Effectivity:

All RS and RSA Fuel Injectors.

B. Reason:

To require the 100 percent replacement at overhaul of all fuel inlet strainers, precluding the possibility of reinstalling a partially plugged strainer.

Revision 2 adds additional part number.

C. Description:

Refer to applicable overhaul manuals for removal and installation instructions. Units not equipped with a bypass strainer will require new inlet fitting and plug described in paragraph G of this section. Those units containing the bypass strainers need only replacement of the strainer assembly.

D. Compliance:

Operating Activities: Information only.
Overhaul Activities: "Comply at overhaul."

E. Approval:

None.

F. Manpower:

No additional man-hours required if performed during normal overhaul.

G. Material Availability:

All replacement parts are procurable from Bendix Products Support Center referred to in this Bulletin as B.P.S.C.

1. PLANNING INFORMATION: (Continued)

Model	Part No.	Nomenclature	Availability
RS/RSA5	2537608	Strainer Assembly	B.P.S.C.
	2522710 (AN-4)	Inlet Fitting	B.P.S.C.
	2525202 (AN-6)	Inlet Fitting	B.P.S.C.
	2538044	Inlet Fitting	B.P.S.C. or Rework Fig. 4
	2538889	Plug	B.P.S.C. or Rework Fig. 1
	953541-10	Preformed Packing	B.P.S.C.
	951789	Preformed Packing (2)	B.P.S.C.
RSA7	2538063	Strainer Assembly	B.P.S.C.
	951392	Preformed Packing	B.P.S.C.
RS/RSA10	2537610	Strainer Assembly	B.P.S.C.
	2523903	Inlet Fitting	B.P.S.C.
	2529453	Inlet Fitting	B.P.S.C.
	2538276 (AN-8) 45 Degree	Inlet Fitting	B.P.S.C.
	2523976 (AN-8) Straight	Inlet Fitting	B.P.S.C.
	2538890	Plug	B.P.S.C. or Rework Fig. 2
	2539801	Fuel Pressure Adapter	B.P.S.C. or Rework Fig. 3
	951392	Preformed Packing	B.P.S.C.
	951790	Preformed Packing (2)	B.P.S.C.
	557-S-8	Preformed Packing	B.P.S.C.

H. TOOLING:

Not affected.

I. Weight and Balance:

No change.

J. References:

Bendix Service Bulletin RS-40

K. Pulbications Affected:
All RS and RSA Manuals.

2. ACCOMPLISHMENT INSTRUCTIONS:

RS/RSA 5 and 10.

A. During the course of the normal overhaul of affected units, the following installations must be performed.

1. RS/RSA 5 and 10.

2. ACCOMPLISHMENT INSTRUCTIONS: (Continued)

a. Assemble the preformed packing to the plug, or where applicable the fuel pressure adapter, and install into the body assembly.

b. Assemble the preformed packing to the strainer assembly and install the strainer assembly, with the spring end entering fuel inlet port first.

c. Assemble preformed packing to the appropriate inlet fitting and install to the fuel inlet port of the injector body.

2. RSA-7

a. Assemble the preformed packing to the strainer assembly and install strainer assembly with the spring end entering the fuel inlet port first. The spring must be centered around the mixture control valve stem and up against the mixture control valve.

b. Assemble the preformed packing to the inlet fitting, retained from disassembly, and install into the fuel inlet port of the injector body.

B. Continue reassembly of the unit as outlined in the applicable overhaul manual.

C. Identification of modified units.

1. RSA-5AD1 Parts List No. 2524147-5 change to 2524147-6
Parts List No. 2524291-3 change to 2524291-4

2. RS-10 Reidentify the modified units in accordance with Paragraph A of Planning Information of Bendix Service Bulletin No. RS-40 issued 1-31-73.

3. No other reidentification required.

3. MATERIAL INFORMATION:

New P/N	Nomenclature	Old P/N	Disposition
2537608	Strainer Assembly	367658 or 2537608	Scrap
2537610	Strainer Assembly	367507 or 2537610	Scrap
2538063	Strainer Assembly	2537018 or 2538063	Scrap
2523903	Inlet Fitting	367721 or 367845	Scrap
2525202 (AN-6)	Inlet Fitting	69291	Scrap
2522710 (AN-4)	Inlet Fitting	---	---
2538044	Inlet Fitting	2522271	Rework per Fig. 4
2539801	Fuel Press. Adapter	2523778 or 2538997	Rework per Fig. 3
2538889	Plug	2522709	Rework per Fig. 1
2538890	Plug	2523987	Rework per Fig. 2

3. MATERIAL INFORMATION: (Continued)

New P/N	Nomenclature	Old P/N	Disposition
953541-10	Preformed Packing	953541-10	Scrap
557-S-8	Preformed Packing	557-S-8	Scrap
951392	Preformed Packing	951392	Scrap
951789	Preformed Packing	951789	Scrap
951790	Preformed Packing	951789	Scrap

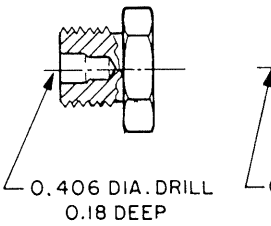


Figure 1.

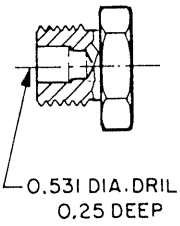


Figure 2.

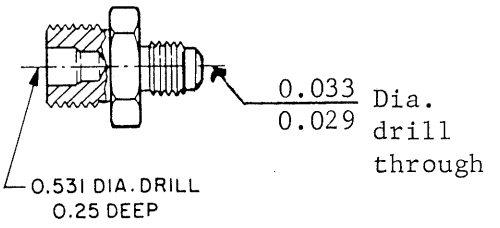
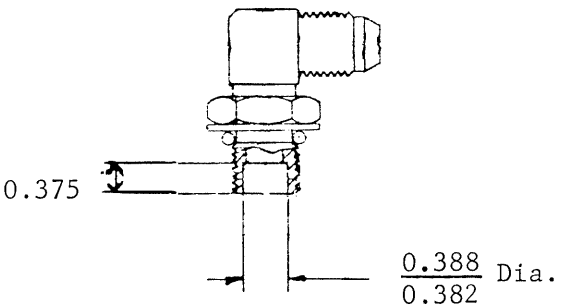


Figure 3.



P/N 2538044

Figure 4.

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