

# Service Bulletin

## Fuel Systems

Bulletin No.: RS-75

Date: 10-25-80

Revised: \_\_\_\_\_

Subject: BENDIX FUEL INJECTOR MODEL RSA-7DA1, P/L 2524624-1, MODIFICATION TO  
ISSUE 2.

1. PLANNING INFORMATION:

A. Effectivity:

Model No.

Parts List No.

RSA-7DA1

2524624-1

2524633 A, B, C

B. Reason:

To provide detailed instructions for modification of Fuel Injector, listed above, to incorporate an updated bellows-type center body seal and associated parts.

To provide commonality of parts.

C. Description:

Replace existing center body bellows assembly, tube bushing and fuel diaphragm with new bellows assembly, tube bushing and fuel diaphragm. The new parts provide better concentricity and greater clearance between piece parts and also allows adjustment of the fuel diaphragm assembly for ease of calibration.

D. Compliance:

Operating Activities: Information only.

Overhaul Activities: Comply at overhaul.

E. Approval: None.

F. Manpower:

No change in manhours.

G. Material Availability:

<u>Part Number</u>	<u>Nomenclature</u>	<u>Availability</u>
2540538	Bellows Assembly	Bendix Product Support Centers
2539560	Spring, Helical	Bendix Product Support Centers
2539561	Seal, Servo Stem	Bendix Product Support Centers
2540542	Bushing, Tube	Bendix Product Support Centers
2539814	Diaphragm, Fuel	Bendix Product Support Centers

H. Tooling:

Not affected.

I. Weight and Balances:

No change.

J. References:

None.

K. Publications Affected:

Overhaul Manual for Model RSA-7DA1 Form No. 15-633.

## 2. ACCOMPLISHMENT INSTRUCTIONS:

A. During the course of normal overhaul replace bellows assembly P/N 2538311 with P/N 2540538.

B. Replace bushing, tube, P/N 2538297 with P/N 2540542.

C. Remove O-Ring P/N 951388 and scrap.

D. Replace Fuel Diaphragm, P/N 2538528 with P/N 2539814.

E. Add spring P/N 2539560 and seal servo stem, P/N 2539561.

F. Identification:

(1) All RSA-7DA1 Fuel Injectors must be reidentified.

(2) If the Identification Plate is reused, it is permissible to overstrike the Parts List Number, less any issue changes not incorporated during this and/or previous overhauls.

(3) If new plate is used, reidentify as follows:

(a) Transfer the exact model number from the old identification plate.

- (b) Reidentify the unit with new applicable Parts List Number, less any issue changes not incorporated during this and/or previous overhauls.
- (c) Reidentify the unit with new applicable Basic number.
- (d) I.C. this block should be left blank.
- (e) Transfer the exact Serial Number from the old Identification plate.

(4)	<u>Model No.</u>	<u>Old Parts List No.</u>	<u>New Parts List No.</u>
	RSA-7DA1	2524624-1	2524624-2
	<u>Model No.</u>	<u>Old Basic No.</u>	<u>New Basic No.</u>
	RSA-7DA1	2524633-C	2524633-D

3. MATERIAL INFORMATION:

<u>New Part No.</u>	<u>Qty.</u>	<u>Nomenclature</u>	<u>Old Part No.</u>	<u>Disposition</u>
2540538	1	Bellows Assembly	2538311	Scrap
2539560	1	Spring		
2539561	1	Seal, Servo Stem		
2540542	1	Bushing, Tube	2538297	Scrap
	1	O-Ring	951388	Scrap
2539814	1	Diaphragm, Fuel	2538528	Scrap

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