

Service Bulletin

Fuel Systems

Bulletin No.: RS-89

Date: 9-18-85

Revised: _____

Subject: BENDIX FUEL INJECTION SYSTEM, MODEL RSA-7 SERIES DIAPHRAGM CHANGE.

1. PLANNING INFORMATION:

A. EFFECTIVITY:

<u>Model</u>	<u>Engine Manufacturer</u>	<u>Parts List Number</u>
RSA-7AA1	Lycoming	2524347-4 2524347-6 2524347-7
RSA-7DA1	Teledyne Continental	2524624-2 2524624-3 2524624-4

B. REASON:

To provide instructions for the incorporation of a product improvement in the RSA-7 series fuel injection system.

C. DESCRIPTION:

To provide identification instructions when diaphragm assembly P/N 2539814 is replaced with P/N 2541802.

D. COMPLIANCE:

Operating Activities: Information only.

Overhaul Activities: Comply at next overhaul.

E. APPROVAL:

F. MANPOWER:

Not affected when accomplished during repair or overhaul.

1. PLANNING INFORMATION: (Continued)

G. MATERIAL:

<u>Part Number</u>	<u>Qty</u>	<u>Nomenclature</u>	<u>Availability</u>
2521802	1	Fuel Diaphragm Assembly	Bendix Engine Products Division distributors

H. TOOLING:

Not applicable.

I. WEIGHT AND BALANCE:

Not affected.

J. ELECTRICAL LOAD DATA:

Not applicable.

K. REFERENCES:

Bendix Service Bulletins RS-53, Rev. 3; RS-59, Rev. 3 and RS-71. Small Reciprocating Engine S.I.L. Number 23.

L. OTHER PUBLICATIONS AFFECTED:

<u>Model No.</u>	<u>Component Maintenance Manual with Illustrated Parts List</u>
RSA-7AA1	Form 15-520B
RSA-7DA1	Form 15-633A

2. ACCOMPLISHMENT INSTRUCTIONS:

A. Proceed with normal overhaul except use fuel diaphragm assembly P/N 2541802 in place of P/N 2539814.

B. Calibration remains the same.

C. Identification:

Reidentify modified fuel injectors as follows:

<u>Model</u>	<u>Old Parts List Number</u>	<u>New Parts List Number</u>
RSA-7AA1	2524347-4	2524347-8
	2524347-6	
	2524347-7	
		Less any issue numbers not used.

2. ACCOMPLISHMENT INSTRUCTIONS:

<u>Model</u>	<u>Old Parts List Number</u>	<u>New Parts List Number</u>
RSA-7DA1	2524624-2 2524624-3 2524624-4	2524624-5 Less any issue numbers not used.

3. MATERIAL INFORMATION:

<u>New P/N</u>	<u>Qty</u>	<u>Nomenclature</u>	<u>Old P/N</u>	<u>Disposition</u>
2541802	1	Fuel Diaphragm Assembly	2539814	Scrap



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