

Service Information

Letter - Fuel Systems

SMALL RECIP-
ROCATING ENGINES

No. 21
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SUBJECT: INTRODUCTION OF ALUMINUM HARDCOATED MANUAL MIXTURE CONTROL VALVES IN
RSA MODEL FUEL INJECTORS.

EFFECTIVITY: All RSA Model Fuel Injectors to improve service life of manual mixture
control valves.

CAUTION: DO NOT ATTEMPT TO LAP MIXTURE CONTROL VALVES WHICH HAVE A DARK
GRAY FINISH. THESE VALVES ARE HARDCOATED ALUMINUM AND WILL BE
PERMANENTLY DAMAGED IF THEY ARE LAPPED.

Hardcoated aluminum manual mixture control valves are now being produced. These
valves, which may be identified by their dark gray finish, have greater durability
than the original brass.

All applicable RSA models, brass-vs-hardcoated aluminum valve part numbers and parts
list numbers follows:

NOTE: This is a use stock change.

1. Model RSA-5AB1 P/N 2525195 is replaced by P/N 2541265 at the following parts
list issue numbers:

<u>P/L</u>	<u>P/L</u>	<u>P/L</u>
2524199-11	2524262-9	2524858-10
2524216-11	2524378-10	
2524254-9	25244712-10	

2. Model RSA-5AD1 P/N 2525195 is replaced by P/N 2541265 at the following parts
list issue numbers:

2524054-11	2524328-10	2524592-8
2524119-8	2524335-10	2524623-7
2524145-12	2524341-10	2524634-7
2524147-13	2524348-11	2524640-9
2524171-11	2524450-9	2524673-9
2524189-11	2524459-8	2524682-8



Bendix Energy Controls Division

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<u>P/L</u>	<u>P/L</u>	<u>P/L</u>
2524213-11	2524475-9	2524688-9
2524242-10	2524550-8	2524723-8
2524243-11	2524575-8	2524742-9
2524291-11	2524590-8	2524840-3
2524287-10	2524592-8	2524948-2
2524307-10	2524623-7	

3. Model RSA-5AD1 P/N 2525842 is replaced by P/N 2541565 at the following parts list issue number:

2524359-11

4. Model RSA-10AD1 P/N 2525196 is replaced by P/N 2541562 at the following parts list issue numbers:

2524030-10	2524175-10	2524311-9
2524152-10	2524255-9	2524318-9
2524163-14	2524256-10	2524757-7

5. Model RSA-10DB1 P/N 2525197 is replaced by P/N 2541563 at the following parts list issue numbers:

2524267-10	2524423-12	2524649-11
2524275-15	2524593-9	2524855-4

6. Model RSA-10DB2 P/N 2537628 is replaced by P/N 2541564 at the following parts list issue number:

2524501-9	2524708-9	2524896-4
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7. Model RSA-10ED1 P/N 2525196 is replaced by P/N 2541562 at the following parts list issue numbers:

2524273-12	2524492-9	2524709-8
2524298-12	2524500-9	2524733-8
2524366-9	2524534-9	2524811-5
2524420-11	2524556-9	2524846-3
2524422-9	2524582-8	2524859-3
2524477-12	2524601-10	2524880-4
2524491-9	2524693-11	

8. Model RSA-10ED2 P/N 2537628 is replaced by P/N 2541564 at the following parts list issue number:

<u>P/L</u>	<u>P/L</u>	<u>P/L</u>
2524791-7		

MATERIAL AVAILABILITY

THIS IS A "USE STOCK" CHANGE. ALUMINUM HARD-COATED VALVES WILL BE SUPPLIED ONLY AFTER ALL BRASS VALVES HAVE BEEN EXHAUSTED. CONTINUE TO ORDER BRASS VALVES UNTIL ADVISED BY ENGINE PRODUCTS DIVISION OR THEIR DISTRIBUTORS THAT BRASS VALVES ARE NO LONGER AVAILABLE. PRICES ON ALUMINUM VALVES ARE IN PREPARATION AND WILL BE ADVISED BY CATALOG SUPPLEMENT OR BY ORDER ACKNOWLEDGEMENT.



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