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DATE: Jul. 3/12

V2500-A1/A5/D5 PROPULSION SYSTEMS SERVICE BULLETIN

This document transmits the Initial Issue of Service Bulletin V2500-ENG-70-0994.

Service Bulletin Initial Issue

Remove	Incorporate	Reason for change
	Pages 1 to 7 of the Service Bulletin.	Initial Issue.
	Page 1 of the Appendix.	Initial Issue.
	Page 1 of the Supplement.	Initial Issue.

V2500-ENG-70-0994
 Transmittal - Page 1 of 1

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INFORMATION – ENGINE – PROVIDE NEW SEALING PLUGS FOR THE DATA ENTRY PLUG**1. Planning Information****A. Effectivity****(1) Airbus A319****(a) V2522-A5, V2524-A5, V2527M-A5**

Engines from Serial No. V10001 thru V13190.

(b) V2522-A5, V2524-A5, V2527M-A5

Engines from Serial No. V15001 thru V16508.

(2) Airbus A320**(a) V2500-A1**

Engines from Serial No. V0001 thru V0361.

(b) V2527-A5, V2527E-A5

Engines from Serial No. V10001 thru V13190.

(c) V2527-A5, V2527E-A5

Engines from Serial No. V15001 thru V16508.

(3) Airbus A321**(a) V2530-A5, V2533-A5**

Engines from Serial No. V10001 thru V13190.

(b) V2530-A5, V2533-A5

Engines from Serial No. V15001 thru V16508.

(4) Boeing MD-90**(a) V2525-D5, V2528-D5**

Engine Serial Nos. V20001 thru V20285.

(5) Concurrent Requirements

There are no concurrent requirements.

B. Reason

- (1) Condition: The current sealing plug will no longer be available when the supply is depleted.
- (2) Background: Not applicable.
- (3) Objective: Provide a new sealing plug option that includes the current aftermarket sealing plug and a new sealing plug.
- (4) Effects of Bulletin on:
 - Removal/Installation: Not affected.
 - Disassembly/Assembly: Not affected.
 - Cleaning: Not affected.
 - Inspection/Check: Not affected.
 - Repair: Not affected.
 - Testing: Not affected.
- (5) Supplemental Information
 - None.

C. Description

Provide new sealing plugs that are readily procurable.

D. Compliance

Category 7

Accomplish when supply of superseded parts has been depleted.

E. Approval Data

The part number changes and/or part modification specified in the Accomplishment Instructions and Material Information sections of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model(s) given.

The compliance statement and the procedures described in this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model listed.

F. Manpower

- (1) In Service: Not Applicable.
- (2) At Overhaul: Not Applicable.

G. Weight and Balance

- (1) Weight Change
None.
- (2) Moment Arm
No effect.
- (3) Datum
Engine Front Mount Centerline (Power Plant Station (PPS) 100).

H. Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

I. Software Accomplishment Summary

Not Applicable.

J. References

- (1) V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA, S-V2500-2IA, S-V2500-2IB, S-V2500-3IA, S-V2500-3IB, S-V2500-5IA, S-V2500-5IB, S-V2500-6IA, S-V2500-6IB, S-V2500-7IA and S-V2500-7IB), Chapter/Section 73-22-35.
- (2) V2500 Engine Illustrated Parts Catalogs (S-V2500-2SA, S-V2500-2SB, S-V2500-5SA, S-V2500-5SB, S-V2500-6SA, S-V2500-6SB, S-V2500-7SA, S-V2500-7SB), Chapter/Section 73-22-35.
- (3) V2500 Component Maintenance Manual Miscellaneous Mechanical, Chapter/Section 73-22-35.
- (4) Internal Reference No. – EC 10VZ007.
- (5) ATA Locator – 73-22-35.

K. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA, S-V2500-2IA, S-V2500-2IB, S-V2500-3IA, S-V2500-3IB, S-V2500-5IA, S-V2500-5IB, S-V2500-6IA, S-V2500-6IB, S-V2500-7IA and S-V2500-7IB), Chapter/Section 73-22-35.
- (2) V2500 Engine Illustrated Parts Catalogs (S-V2500-2SA, S-V2500-2SB, S-V2500-5SA, S-V2500-5SB, S-V2500-6SA, S-V2500-6SB, S-V2500-7SA, S-V2500-7SB), Chapter/Section 73-22-35.
- (3) V2500 Component Maintenance Manual Miscellaneous Mechanical, Chapter/Section 73-22-35.

L. Interchangeability of Parts

Old and new parts are directly interchangeable.

M. Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (Yes)

Revision to Table of Limits (No)

Inspection Procedures (No)

2. Material Information

A. Material – Price and Availability

Modification kit is not required.

For Price and availability of spares refer to the supplement of this Service Bulletin.

B. Industry Support Program

Not Applicable.

C. The material data that follows is for each engine.

For V2500-A1/A5/D5 Engines:

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
73-22-35						
01-190	2A4288	AR	OPTION, PLUG	-	MS27488 -20-1	(2)(B)(01)(I) (C)
	MS27488 -20-1	REF	PLUG, SEALING	-		(02)(A)
	or					
	MS27488 -20-2	REF	PLUG, SEALING	-		(03)(A)

D. Instruction/Disposition Code Statements:

Parts Modification Conditions

(A) Alternative part.

(2) The new part is a replacement part only, and cannot be obtained by modification of the old part.

Spare Parts Availability

(B) The new part will be available approximately October 1, 2012.

(C) The old part will continue to be supplied until approximately October 1, 2012.

(01) PN 2A4288 is a Order Option only, including the part coded (02) or (03).

(02) This part is not available for order.

(03) This part is not available for order.

Cleaning, Inspection and Repair Information

(I) The cleaning, inspection and repair requirements are the same for the old and new part. The applicable engine manuals will be revised.

E. Tooling – Price and Availability

Special tools are not required to accomplish this Service Bulletin.

F. Reidentified Parts

Not Applicable.

G. Other Material Information Data

Not Applicable.

3. Accomplishment Instructions

- (1) Not applicable.
- (2) Recording Instructions

A record of accomplishment is not required.

APPENDIXAdded Data

Internal Reference Information

Revision No.	Reference Document	Origination
Original	EC10VZ007	DTL/JDH

INFORMATION – ENGINE – PROVIDE NEW SEALING PLUGS FOR THE DATA ENTRY PLUGSUPPLEMENT – PRICES AND AVAILABILITY

The prices (if shown) are for estimating purposes only and as such are given in good faith, without commercial liability for advanced planning purposes only. Refer to IAE Spares and/or current price catalogue for current prices.

1. Modification Kit:

Not applicable.

2. New Production Parts:

Part No.	Description	Unit Price
		US Dollars
2A4288	PLUG OPTION	5.01

The new part will be available approximately October 1, 2012.

3. Tools

None.



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<u>Explanatory notes:</u>			

Operator:	Overhaul Site:
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