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**V2500-A1/A5/D5 SERIES PROPULSION SYSTEM SERVICE BULLETIN**

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin EV2500-70-0826 and the Initial Issue of the Supplement

Bulletin Initial Issue

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Supplement Initial Issue

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INFORMATION – ENGINE – REIDENTIFY COVER PLATE FOR BLADE OUTER AIR SEAL

1. Planning Information

A. Effectivity Data

(1) Airbus A319

Engine Models Applicable

V2522-A5, V2524-A5, V2527M-A5 Engine Serial Nos. V10001 thru V11466, V11468, V11470, V11472, V11474, V11476, V11478

(2) Airbus A320

Engine Models Applicable

V2500-A1 Engine Serial Nos. V0001 thru V0361

V2527-A5, V2527E-A5 Engine Serial Nos. V10001 thru V11466, V11468, V11470, V11472, V11474, V11476, V11478

(3) Airbus A321

Engine Models Applicable

V2530-A5, V2533-A5 Engine Serial Nos. V10001 thru V11466, V11468, V11470, V11472, V11474, V11476, V11478

(4) Boeing MD-90

Engine Models Applicable

V2525-D5, V2528-D5 Engine Serial Nos. V20001 thru V20285

B. Concurrent Requirements

There are no concurrent requirements.

C. Reason

- (1) Condition: The new coverplate is used on more than one Blade Outer Air Seal (BOAS).
- (2) Background: Current coverplate does not have a detailed drawing of its own and is currently part of two assembly drawings.
- (3) Objective: Reidentify coverplate to create a new part number and drawing to facilitate manufacturing and traceability.



(4) Substantiation: Configuration has already been engine tested and is currently in production. This EC will update the Bill of Material to reflect the original intent of EC98VA028D.

(5) Effects of Bulletin on:

Removal/Installation: Not applicable.

Disassembly/Assembly: Not applicable.

Cleaning: Not applicable.

Inspection/Check: Not applicable.

Repair: Not applicable.

Testing: Not applicable.

(6) Supplemental Information

None.

#### D. Description

Provide new Cover Plate part number.

#### E. Compliance

Category 8

Accomplish based upon experience with the prior configuration.

#### F. Approval Data

The part number changes and/or part modifications 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.

#### G. Manpower

Estimated man-hours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
In Service	Not Applicable
At Overhaul	Not Applicable

H. Weight and Balance

Weight Change	None
Moment	No Effect
Datum	Engine Front Mount Centerline (Power Plant Station (PPS) 100)

I. Electrical Load Data

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

J. Software Accomplishment Summary

Not Applicable.

K. 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 72-45-23-01-060 and 066.
2. V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-45-23.
3. V2500 Engine Manual (E-V2500-3IA), Chapter/Section 72-45-23.
4. Internal Reference No. 98VA028H.
5. ATA Locator 72-45-00.

L. 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 72-45-23, to add the new part.
2. V2500 Engine Manuals (E-V2500-1IA and E-V2500-3IA), Chapter/Section 72-45-23 Cleaning, Inspection and Repair, to add the new part.

M. Interchangeability of Parts

Old and new parts are directly interchangeable.



N. Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (No)

Revision to Table of Limits (No)

Inspection Procedures (No)

O. General Information

The Material Information section of this Service Bulletin provides the latest information concerning the availability of the affected parts.



## 2. Material Information

### A. Material – Price and Availability

1. The estimated price of new material to do this Service Bulletin using new replacement parts is \$50.00.
2. There is no kit provided to do this Service Bulletin.
3. Part availability information is provided in material data Instructions – Disposition.

### B. Industry Support Program

Not Applicable.

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

For V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, V2528-D5 Engines:

72-45-23

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01062	2A3561	1	.Cover, HPT Duct Segment	-	2A3061-02	(2)(B) (L)(I)

### D. Instructions/Disposition Code Statements:

#### Parts Modification Conditions

(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 March, 2003.  
(L) The old part will be supplied until the supply is fully used.

#### 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

A. None.

(1) Recording Instructions not required.

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SUPPLEMENT – 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. Parts supplied as single line items

2. New Production Parts

Part No.	Desc.	Unit Price US Dollars
2A3561	Cover, HPT Duct Segment	50.00

