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DATE **Jun.15/03**
V2500-A1/A5/D5 SERIES PROPULSION SYSTEM INFORMATION SERVICE BULLETIN

Printed in Great Britain

This document transmits Revision 2 to Service Bulletin EV2500-70-0823

Document History

Service Bulletin Revision Status	Supplement Revision Status
Initial Issue Oct.15/02	
Revision 1 Mar.15/03	

Bulletin Revision 2

Remove	Incorporate	Reason for change
All pages of the Service Bulletin	Pages 1 to 8 of the Service Bulletin	To update Engine Effectivity.

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CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED

If any have not been received please advise Publication Services, Rolls-Royce plc, Derby, England

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LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin following incorporation of Revision 2 are as follows:

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INFORMATION – ENGINE – PROVIDE IDENTIFICATION FOR CAST TO SIZE DUCT SEGMENTS

1. Planning Information

A. Effectivity

(1) Airbus A319

Engine Models Applicable

V2522-A5, V2524-A5, V2527M-A5 Engines Serial Nos. V10001 thru V11466, V11468, V11470, V11472, V11474, V11476, V11484

(2) Airbus A320

Engine Models Applicable

V2500-A1 Engines Serial Nos. V0001 thru V0361

V2527-A5, V2527E-A5 Engines Serial Nos. V10001 thru V11466, V11468, V11470, V11472, V11474, V11476, V11484

(3) Airbus A321

Engine Models Applicable

V2530-A5, V2533-A5 Engines Serial Nos. V10001 thru V11466, V11468, V11470, V11472, V11474, V11476, V11484

(4) Boeing MD-90

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

B. Concurrent Requirements

There are no concurrent requirements.

C. Reason

(1) Reason: Reidentify cast to size Duct Segments by providing new part numbers to reflect the omission of the anti-rotation pin.

(2) Effects of Bulletin on:

Removal/Installation: Not applicable.

Disassembly/Assembly: Not applicable.

Cleaning: Not applicable.

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Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).



Inspection/Check: Not applicable.

Repair: Not applicable.

Testing: Not applicable.

(3) Supplemental Information

None.

D. Description

Provide new cast to size Duct Segment Assembly

E. Compliance

Category 7

Accomplish when supply of superseded parts has been depleted.

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.

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**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.

- R
4. Internal Reference Nos. 98VA028D, 98VA028D-01, 98VA028D-03.
 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 Duct segments are interchangeable. Any mixture of old and new Duct segments is permissible. The old detail Pin can only be used in the old Duct segment.

N. Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (No)

Revision to Table of Limits (No)

Inspection Procedures (No)



0. 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 \$9764.00.
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.

NOTE: The prices 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 Catalog for current prices.

For V2500-A1 Engines:

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN (ATA/Fig/Item)	Inst/Disp
2A3515-01	38	2564.00	.Duct Segment, HPT, 1st Stage Assembly of	2A3295-01 (72-45-23 01-060)	(2)(A) (L)(I)
	1		..Pin, Straight Headless	2A3062 (72-45-23 01-066)	(C)
			OR		
	1		..Pin, Straight Headless	2A3062CL1 (72-45-23 01-068)	(C)
			OR		
	1		..Pin, Straight Headless	2A3062CL2 (72-45-23 01-070)	(C)
			OR		
	1		..Pin, Straight Headless	2A3062CL3 (72-45-23 01-072)	(C)
			OR		



New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN (ATA/Fig/Item)	Inst/Disp
	1		..Pin, Straight Headless	2A3062CL4 (72-45-23 01-074)	(C)
			OR		
	1		..Pin, Straight Headless	2A3062P3 (72-45-23 01-076)	(C)
			OR		
	1		..Pin, Straight Headless	2A3062P3 (72-45-23 01-078)	(C)

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

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN (ATA/Fig/Item)	Inst/Disp
2A3579-01	38	2564.00	.Duct Segment, HPT, 1st Stage Assembly of	2A3061-01 (72-45-23 01-060)	(2)(A) (L)(I)
	1		..Pin, Straight Headless	2A3062 (72-45-23 01-066)	(C)
			OR		
	1		..Pin, Straight Headless	2A3062CL1 (72-45-23 01-068)	(C)
			OR		
	1		..Pin, Straight Headless	2A3062CL2 (72-45-23 01-070)	(C)
			OR		
	1		..Pin, Straight Headless	2A3062CL3 (72-45-23 01-072)	(C)
			OR		
	1		..Pin, Straight Headless	2A3062CL4 (72-45-23 01-074)	(C)
			OR		
	1		..Pin, Straight Headless	2A3062P3 (72-45-23 01-076)	(C)
			OR		
	1		..Pin, Straight Headless	2A3062P5 (72-45-23 01-078)	(C)



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

(A) The new part is available.

(C) The old part will continue to be supplied.

(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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