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V2500-A1 SERIES PROPULSION SYSTEM SERVICE BULLETIN

Printed in Great Britain

This document transmits Revision 1 to Service Bulletin EV2500-75-0002 and Revision 1 to the Supplement

Document History

Service Bulletin Revision Status
Initial Issue Feb.23/90

Supplement Revision Status
Initial Issue Feb.23/90

Bulletin Revision 1

Remove
All pages of the
Service Bulletin

Incorporate
Pages 1 to 6 of the
Service Bulletin

Reason for change
To revise Instruction
Disposition code (S1). SB
to latest format.

Supplement Revision 1

Remove
All pages

Incorporate
Page 1

Reason for change
To revise Instruction
Disposition code (S1). SB
to latest format.

V2500-ENG-75-0002

Transmittal - Page 1 of 2

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 1 to the Bulletin and Revision 1 to the Supplement are as follows:

<u>Page</u>		<u>Revision Number</u>	<u>Revision Date</u>
Bulletin			
R	1	1	Dec.13/05
R	2	1	Dec.13/05
R	3	1	Dec.13/05
R	4	1	Dec.13/05
R	5	1	Dec.13/05
R	6	1	Dec.13/05
Supplement			
R	1	1	Dec.13/05

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AIR – PROVIDE REPLACEMENT LP TURBINE CASE-TO-ACC MANIFOLD ATTACHING BOLTS1. Planning InformationA. Effectivity

(1) Airbus A320

(a) V2500-A1 Engines prior to Serial No.V0073

B. Concurrent Requirements

None.

C. Reason

(1) Problem

The clearance between HPT-ACC rear tubes and LPT-ACC front attaching bolts may not (under maximum tolerance conditions) be sufficient. Interference may occur with the actual double hex bolt head and the rear HPT-ACC tubes.

(2) Evidence

The new bolt standard introduced by this Service Bulletin is to prevent interference between the bolt head at the front attaching of the LPT ACC and the rear HPT ACC tubes.

(3) Objective

The double hex bolts at the front attaching location will be changed to hex bolts to prevent possible interference.

(4) Substantiation

Testing of new ACC configuration was not required.

(5) Effect of Bulletin on:

(a) Operation

Not affected.

(b) Disassembly/Assembly

Not affected.

(c) Cleaning

R Affected (See Supplemental Information).

(d) Inspection/Check

R Affected (See Supplemental Information).

(e) Repair Schemes

Not affected.

(f) Testing

Not affected.

D. Description

R The changes introduced by this Service Bulletin are as follows:

R – Use of hex bolts instead of double hex bolts at the front attaching location of the LPT ACC.

E. Compliance

Category Code 6

Accomplish when the LPT-ACC is disassembled sufficiently to afford access to the affected part.

F. Approval

R The part number changes and/or part modification described in Section 2 and 3 of this Service Bulletin has been shown to comply with the applicable Federal Aviation Regulations and is FAA- APPROVED for the Engine Model listed.

G. Manpower

(1) In service

Not affected.

R NOTE: The parts affected by this Service Bulletin are accessible in
R service.

(2) At overhaul

Not affected.

R NOTE: The parts affected by this Service Bulletin are accessible at
R overhaul.

H. Material Price and Availability

Modification kit not required; parts supplied as single line items.

For prices and availability of future spares see Supplement to this bulletin.

I. Tooling Price and Availability

Not applicable.

J. Industry Support Information

Not applicable.

K. Weight and Balance**(1) Weight Change**

None.

(2) Moment Arm

None.

(3) Datum

Engine front mount centreline (Power Plant Station PPS 100).

L. Electrical Load Data

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

M. Software Accomplishment Summary

Not applicable.

N. References

R (1) Internal Reference Nos. EC 88VM022, 88VM022-01.

(2) Engine Illustrated Parts Catalogue.

(3) Aircraft Maintenance Manual.

(4) Engine Manual.

O. Other Publications Affected

(1) Illustrated Parts Catalogue Chapter/Section 72-24-49, Figures 02, 03 and 04.



- (2) V2500 Aircraft Maintenance Manual Chapter/Section 75-24-49,
Removal/Installation will be revised to show the change being introduced
by this bulletin.
- (3) V2500 Engine Manual Chapter/Section 72-00-50, Removal 01 and Installation
07 will be revised to show the change being introduced by this bulletin.

P. Interchangeability of Parts

Refer to section 2 Material Information

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2. Material Information

A. The kit required consists of the following parts:

Not applicable.

B. Parts to be reworked:

Not applicable.

C. New production parts:

See Supplement to this bulletin.

D. Redundant parts:

Not applicable.

R E. Parts affected by this Bulletin:

75-24-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02-060	AS3303-08	6	.Bolt, Machine, Hex,Hd	-	MS9696-08	(A)(B)(S1)
03-060	AS3303-08	6	.Bolt, Machine, Hex,Hd	-	MS9696-08	(A)(B)(S1)
04-050	AS3303-08	2	.Bolt, Machine, Hex,Hd	-	MS9696-08	(A)(B)(S1)
04-450	AS3303-08	2	.Bolt, Machine, Hex,Hd	-	MS9696-08	(A)(B)(S1)

F. Instructions disposition codes:

(A) New Part No. currently available for sale.

(B) Old Part No. no longer available as saleable part at specific location.

R (S1) Old and new parts are not interchangeable.

3. Accomplishment Instructions**A. Rework Instructions**

Not applicable.

B. Assembly Instructions

Not applicable.

C. Recording Instructions

R A record of accomplishment is required.

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SUPPLEMENT PRICE AND AVAILABILITY

The prices shown are for estimating purposes only and 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.

1. Modification Kit:

Not applicable.

2. Parts required:

	Part No.	Description	Unit Price US Dollars
R	AS3303-08	Bolt, Machine, Hex Hd	17.20