



400 MAIN STREET, MAIL STOP 121-10
EAST HARTFORD, CT 06108, USA.
TELEPHONE:- 860 565 5515
FAX:- 860 565 0600

DATE: Jul.30/04

P.O. BOX 31, DERBY
TELEGRAMS - 'ROYCAR' DERBY
TELEX - 37645
TELEPHONE:- 44 (0) 1332 242424
FAX:- 44 (0) 1332 249936

V2500-A1 SERIES PROPULSION SYSTEM SERVICE BULLETIN

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin EV2500-70-0886 and the Initial Issue of the Supplement

Bulletin Initial Issue

Remove	Incorporate	Reason for change
	Page 1 and 2 of the	Initial issue
	Summary	
	Pages 1 to 5 of the	Initial issue
	Service Bulletin	

Supplement Initial Issue

Remove	Incorporate	Reason for change
	Page 1	Initial issue

V2500-ENG-70-0886

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
© Rolls-Royce plc (date as above) Printed in Great Britain

LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin are as follows:

<u>Page</u>	<u>Revision Number</u>	<u>Revision Date</u>
Summary		
1		Jul.30/04
2		Jul.30/04
Bulletin		
1		Jul.30/04
2		Jul.30/04
3		Jul.30/04
4		Jul.30/04
5		Jul.30/04
Supplement		
1		Jul.30/04

Printed in Great Britain

SUMMARY

1. PLANNING

A. EFFECTIVITY

Engine	Serial No.
V2500-A1	V0001 to V0298

B. CONCURRENT REQUIREMENTS

None.

C. REASON

Various number 5 Bearing nozzle parts are being transferred to a non-modular chapter to conform with current engine build requirements.

D. DESCRIPTION

Transfer number 5 bearing parts from Chapter/Section 72-50-51 Figure 20 to Chapter/Section 72-58-02 Figure 01.

E. COMPLIANCE

Category Code 7

Accomplish when supply of superseded parts has been depleted.

F. MANPOWER

In service - Not applicable.

At overhaul - Not applicable.

G. INTERCHANGEABILITY OF PARTS

Old and new parts are directly interchangeable.

2. MATERIAL INFORMATION

A. PARTS PRICES

Part No.	Description	Unit Price US Dollars
2A1211	Nozzle	951.00
2A1212	Tube	675.00



Part No.	Description	Unit Price US Dollars
AS3209-107	Packing	4.46
AS3209-110	Packing	1.37
MS9452-05	Bolt	4.83
MS9581-10	Washer	0.78
MS9886-07	Bolt	5.73

INFORMATION – ENGINE – TRANSFER NUMBER 5 BEARING PARTS TO A NON-MODULAR CHAPTER1. Planning InformationA. Effectivity Data (For Airbus A320)

Engine Models Applicable

V2500-A1

Engine Serial Nos.V0001 thru V0298

B. Concurrent Requirements

There are no concurrent requirements.

C. Reason

(1) Various number 5 Bearing nozzle parts are being transferred to a non-modular chapter to conform with current engine build requirements.

(2) Supplemental Information

None.

D. Description

Transfer number 5 bearing parts from Chapter/Section 72-50-51 Figure 20 to Chapter/Section 72-58-02 Figure 01.

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**(1) In Service**

Not Applicable.

(2) At Overhaul

Not Applicable.

H. Material – Price and Availability

1. The parts in this Service Bulletin have been transferred from Chapter/Section 72-50-51 Figure 20 to Chapter/Section 72-58-02 Figure 01.

I. Tooling – Price and Availability

Special tools are not required to accomplish this Service Bulletin.

J. Industry Support Program

Not Applicable.

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

None.

(2) Moment Arm

No Effect.

(3) Datum

Engine Front Mount Centerline (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

1. V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA) Chapter/Section 72-50-51.
2. Internal Reference No. - 93VK014.
3. ATA Locator - 72-00-00.

O. Other Publications Affected

1. V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA), Chapter/Section 72-50-51 Figure 20 to remove the parts.
2. V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA), Chapter/Section 72-58-02 Figure 1 to add the parts.

P. Interchangeability of Parts

Old and new parts are directly interchangeable.

Q. Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (No)

Revision to Table of Limits (No)

Inspection Procedures (No)

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

For V2500-A1 Engines:

72-50-51

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
20-010	-	2	.Bolt, Mach Hex	-	MS9452-05	(1)(I)
20-020	-	2	.Washer, Key Cres	-	MS9581-10	(1)(I)
20-030	-	1	.Tube, Transfer, Packing, #5 Bearing	-	2A1212	(1)(I)
20-040	-	3	.Packing, Preformed	-	AS3209-107	(1)(I)
20-060	-	2	.Bolt, Mach Dbl Hex Ext	-	MS9886-07	(1)(I)
20-070	-	1	.Nozzle, #5 Brg	-	2A1211	(1)(I)
20-080	-	1	.Packing	-	AS3209-110	(1)(I)

72-58-02

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-010	MS9452-05	2	.Bolt, Mach Hex	-	-	(2)(I)
01-020	MS9581-10	2	.Washer, Key Cres	-	-	(2)(I)
01-030	2A1212	1	.Tube, Transfer, Packing, #5 Brg	-	-	(2)(I)
01-040	AS3209-107	3	.Packing, Preformed	-	-	(2)(I)
01-060	MS9886-07	2	.Bolt, Mach Dbl Hex Ext	-	-	(2)(I)
01-070	2A1211	1	.Nozzle, #5 Brg	-	-	(2)(I)
01-080	AS3209-110	1	.Packing	-	-	(2)(I)

Printed in Great Britain

B. Instructions/Disposition Code Statements:**Parts Modification Conditions**

- (1) Parts are transferred to Chapter/Section 72-58-02 Figure 1.
- (2) Parts were transferred from Chapter/Section 72-50-51 Figure 20.

Spare Parts Availability**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.

3. Accomplishment Instructions

- (1) None.
- (2) Recording Instructions
 - (a) A record of accomplishment is not required.

INFORMATION – ENGINE – TRANSFER NUMBER 5 BEARING PARTS TO A NON-MODULAR CHAPTERSUPPLEMENT – 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. Parts required:

Part No.	Description	Unit Price US Dollars
2A1211	Nozzle	951.00
2A1212	Tube	675.00
AS3209-107	Packing	4.46
AS3209-110	Packing	1.37
MS9452-05	Bolt	4.83
MS9581-10	Washer	0.78
MS9886-07	Bolt	5.73

