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V2500-D5 SERIES PROPULSION SYSTEMS SERVICE BULLETIN

This document transmits Revision 1 to Service Bulletin EV2500-79-0062

Document History

Service Bulletin Revision Status
 Initial Issue Apr.24/98

Supplement Revision Status

Bulletin Revision 1

Remove

All pages of the
 Service Bulletin

Incorporate

Pages 1 to 8 of the
 Service Bulletin

Reason for change

To remove oil and fuel tube
 information. For deleted
 items refer to 1.L.
 References.

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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 are as follows:

<u>Page</u>		<u>Revision Number</u>	<u>Revision Date</u>
	Bulletin		
R	1	1	Nov.24/00
R	2	1	Nov.24/00
R	3	1	Nov.24/00
R	4	1	Nov.24/00
R	5	1	Nov.24/00
R	6	1	Nov.24/00
R	7	1	Nov.24/00
R	8	1	Nov.24/00

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AIR - BEARING COMPARTMENT COOLING AND SEALING TUBES - INTRODUCTION OF A REVISED
BIFURCATION TO NO. 4 BEARING SCAVENGE VALVE AIR TUBE ASSEMBLY

1. Planning Information

A. Effectivity

- (1) Boeing - Long Beach Product Division MD 90
V2500-D5 Engines prior to Serial No. V20007
- (2) ATA Locator 75-22-49

B. Concurrent Requirements

None

C. Reason

- (1) Condition

See (2)

- (2) Background

There is limited clearance between the air tube from the LH bifurcation box to the No. 4 bearing scavenge valve and a thrust reverser actuation bracket.

- (3) Objective

To provide tubes which will prevent assembly difficulties.

- (4) Substantiation

Due to the minor nature of the changes, tests are not necessary.

Assembly checks on a mock-up engine were satisfactory.

- (5) Effect of Bulletin on Workshop Procedures:

- (a) Removal/Installation

Affected

- (b) Disassembly/Assembly

Not affected



(c) Cleaning

Affected

(d) Inspection/Check

Not affected

(e) Repair

Not affected

(f) Testing

Not affected

(6) Supplemental Information

None

D. Description

This Bulletin introduces the changes that follow:

A new air tube assembly from the LH bifurcation box to the No.4 bearing scavenge valve. The tube features a 90 degree elbow at the bifurcation box end to provide additional clearance with the thrust reverser actuation fitting.

E. Compliance

Category code 7

Accomplish this Service Bulletin when there are no original parts remaining.

F. Approval

The part number changes and/or part modifications are given in Section 2 and 3 of this Service Bulletin. They comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model listed.

G. Manpower

Estimated manhours necessary to embody this Service Bulletin in full:

(1) In service

Not applicable



(2) At overhaul

Not affected

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

H. Material – Price and Availability

(1) A modification kit is not necessary.

(2) Refer to Material Information section for prices and availability of future spares.

I. Tooling – Price and Availability

Special tools are not necessary.

J. Weight and Balance

(1) Weight change

None

(2) Moment Arm

No effect

(3) Datum

Engine Front Mount Centerline (Power Plant Station – PPS 100)

K. Electrical Load Data

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

L. References

(1) Internal Reference No. EC92VR349.

(2) V2500 Engine Manual, 72-00-32

(3) Service Bulletin 70-0305 Information – Engine – Oil – To announce the availability of a new No. 5 bearing oil tube assembly.

(4) Service Bulletin 73-0120 Engine – Fuel and control – Fuel system tubes – Engine – introduction of revised fuel tube assembly between fuel flowmeter and bifurcation panel.

M. Other Publications Affected

(1) V2500 Illustrated Parts Catalog, Chapter/Section 75-22-49.

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(2) Aircraft Maintenance Manual, Chapter/Section 75-22-49 Cleaning and Installation/Removal Practices.

(3) Component Maintenance Manual, Chapter/Section 75-22-49.

N. Interchangeability of Parts

Not affected



2. Material Information

A. Kits necessary for this Service Bulletin

None

B. Parts affected by this Service Bulletin

Applicability: For each V2500 engine for which this Service Bulletin is necessary.

75-22-49

FIG ITEM NO.	NEW PART NO.	QTY	KEYWORD	OLD PART NO.	INSTR DISP
06100	6A5328	1	Tube assy, air - LH bifurcation box to No.4 bearing scavenge valve (first section)	6A5111	(A)(B)(S1)

NOTE: The unit prices if shown, are an estimate and they are given for the purpose of planning only. For information about actual prices, refer to the IAE Price Catalogue or contact IAE's Spare Parts Sales Department.

C. Instructions disposition codes

(A) New parts are currently available

(B) Old parts are no longer available

(S1) Old and new parts are freely and fully interchangeable



3. Accomplishment Instructions

A. Rework Instructions

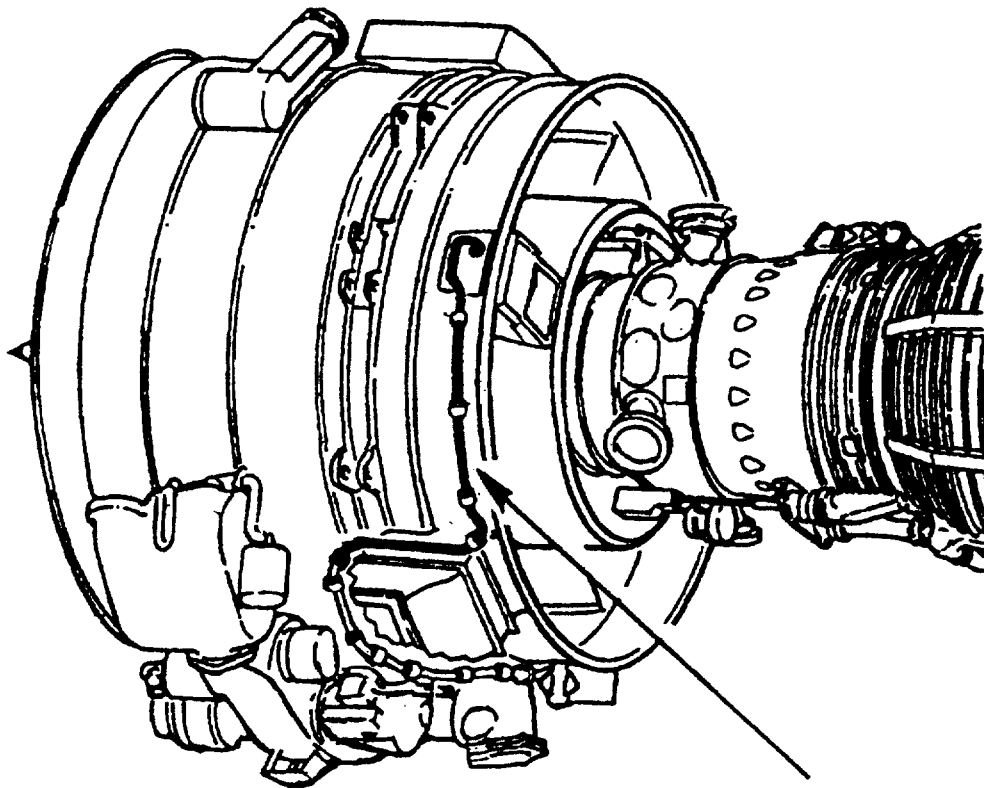
Not applicable

B. Assembly Instructions

Install the new tube assembly, refer to Aircraft Maintenance Manual, Chapter/Section, 75-22-49.

C. Recording Instructions

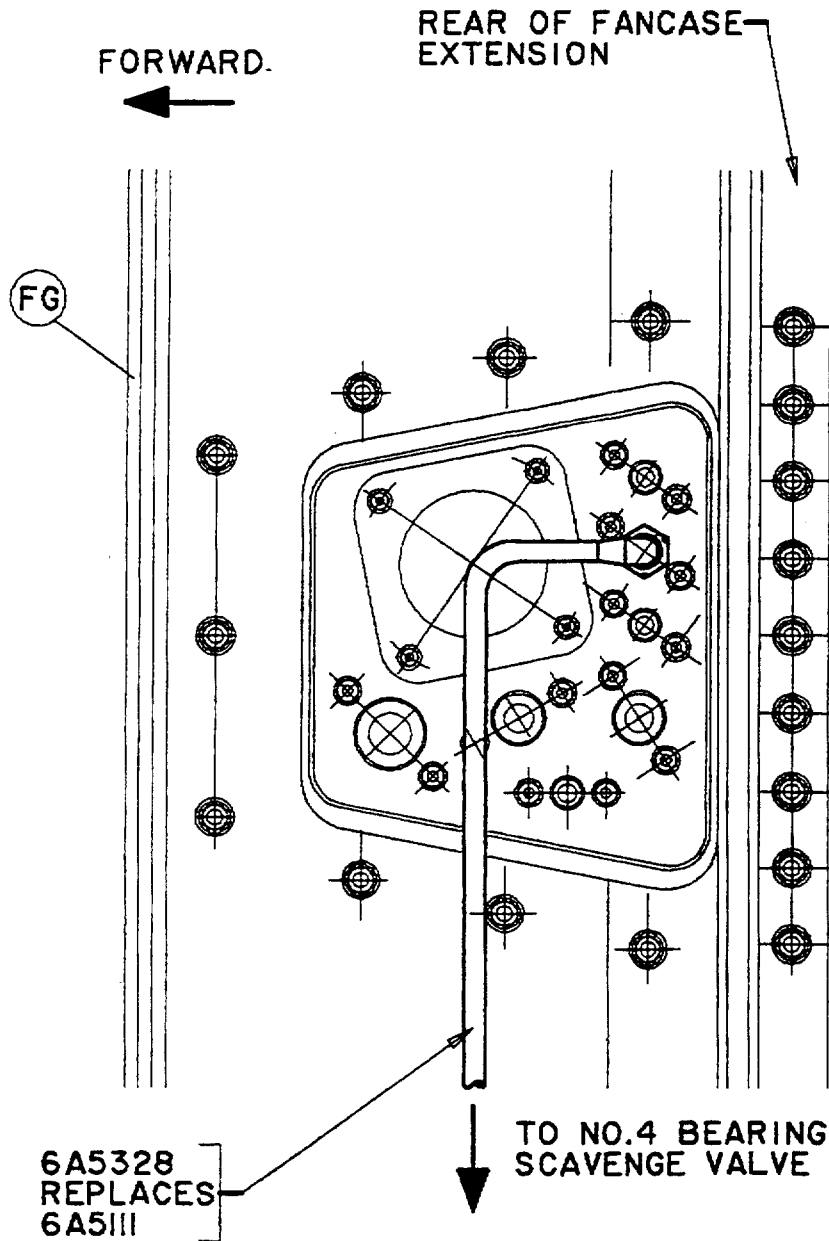
A record of accomplishment is required.



REMOVE 6A5111 AND
INSTALL 6A5328

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General view
Fig 1



ENLARGED VIEW
SHOWING LEFT HAND BIFURCATION

Before and after alteration
Fig 2

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