



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

DATE: Jun.30/10

## V2500-A5/D5 SERIES PROPULSION SYSTEMS SERVICE BULLETIN

This document transmits the Revision 3 of Service Bulletin V2500-ENG-70-0631.

### Document History

#### Service Bulletin Revision Status

Initial Issue	Dec.18/98
Revision 1	Mar.12/99
Revision 2	Jan.14/10

### Service Bulletin Revision 3

Remove	Incorporate	Reason for change
All Pages of the Service Bulletin.	Pages 1 to 5 of the Service Bulletin.	To correct the Material Information.

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**CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED**  
If any have not been received please advise IAE International Aero Engines AG

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INFORMATION – ENGINE – LP COMPRESSOR – TO ANNOUNCE THE AVAILABILITY OF A NEW RUBBER  
SEAL OF LPC BLEED DUCT ASSEMBLY

1. Planning Information

A. Effectivity

(1) Airbus A319

(a) V2522-A5, V2524-A5, V2527M-A5 Engines prior to Serial No. V10503 (A5 Standard and A5 SelectOne™ Retrofit Standard).

(2) Airbus A320

(a) V2524-A5, V2527-A5, V2527E-A5 Engines prior to Serial No. V10503 (A5 Standard and A5 SelectOne™ Retrofit Standard).

(3) Airbus A321

(a) V2530-A5, V2533-A5 Engines prior to Serial No. V10503 (A5 Standard and A5 SelectOne™ Retrofit Standard).

(4) Boeing MD-90

(a) V2525-D5, V2528-D5 Engines prior to Serial No. V20280 except engines with Serial No. V20272, V20273, V20274, V20275 and V20276.

B. Reason

To introduce a new LPC Bleed Duct Assembly with new rubber seal as there is a possibility of detachment of the rubber seal on the existing LPC Bleed Duct Assembly. The screen assembly and attaching features are deleted because material for frame and mesh in the screen assembly will not be available in the future. While researching and testing alternatives IAE found the screen was not necessary so IAE are deleting the part.

C. Compliance

Category Code 7.

Accomplish when supply of superseded parts has been depleted.

D. Approval

The part number changes and/or part modifications described in sections 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine models listed.

**E. References**

- (1) Internal Reference No.:

Engineering Change No. 97VJ020, 97VJ020-01, 97VJ020-02, 97VJ020-03, 97VJ020-04 and 97VJ020-05.

- (2) IAE V2500 Service Bulletin:

V2500-ENG-72-0485 - ENGINE - LP COMPRESSOR - REWORK THE INSERT HOLES OF LPC BLEED DUCT ASSEMBLY

- (3) ATA Locator - 72-32-00.

**F. Other Publications Affected**

- (1) Illustrated Parts Catalogue (IPC), Chapter/Section 72-32-60.
- (2) A5 Engine Manual (EM), Chapter/Section 72-32-60, Inspection/Check-01 and Repair.
- (3) D5 Engine Manual (EM), Chapter/Section 72-32-60, Inspection/Check-01 and Repair.

**G. General Information**

The Material Information section of this Service Bulletin provides the latest information about the availability of the LPC Bleed Duct Assembly.

## 2. Material Information

### A. Kits necessary for this Service Bulletin:

None.

### B. Parts affected by this Service Bulletin:

Applicability: For V2500-A5 Engines:

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
72-32-60						
01-250	5W2318	1	.Duct Assy. Bleed, LPC	-	5W2268	(S1)(A)(B)
01-264	-		..Insert	-	MS21209 C0410	(S1)(B)(D)
R 01-268	5W2320	1	..Seal	-	5W2220	(S1)(A)(C)
01-330	-		.Screen Assy	-	5W2291	(S1)(B)(D)
01-345	-		..Washer	-	5W2249	(S1)(B)(D)
01-350	-		..Screw		NAS1101 E04-3	(S1)(B)(D)

Applicability: For V2500-D5 Engines:

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
72-32-60						
R 01-250	5W2321	1	.Duct Assy. Bleed, LPC	-	5W2271	(S1)(A)(B)
01-264	-		..Insert	-	MS21209 C0410	(S1)(B)(D)
R 01-268	5W2320	1	..Seal	-	5W2220	(S1)(A)(C)
01-330	-		.Screen Assy.	-	5W2291	(S1)(B)(D)
01-345	-		..Washer	-	5W2249	(S1)(B)(D)

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
72-32-60						
01-350	-		..Screw		NAS1101 E04-3	(S1)(B)(D)

C. Instruction/Disposition Codes:

(S1) New parts must replace old parts as a COMPLETE SET per Engine. Mixing of old and new parts is not permissible.

(A) New part is currently available for sale.

(B) Old part will continue to be supplied until existing stock is exhausted.

(C) Old part will continue to be available.

(D) This part must not be used with P/N 5W2318 and P/N 5W2321 LPC Bleed Duct Assembly. And also the part can be deleted from an Engine equipped with P/N 5W2218, P/N 5W2231, P/N 5W2247, P/N 5W2268, P/N 5W2271, P/N 5W2280, P/N 5W2282 and P/N 5W2298 LPC Bleed Duct Assembly.

**3. Accomplishment Instructions.**

None.