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**V2500-A1/A5/D5 SERIES PROPULSION SYSTEMS SERVICE BULLETIN**

This document transmits Revision 1 to Service Bulletin EV2500-70-0282

**Document History**

Service Bulletin Revision Status  
 Initial Issue                      Jul.20/94

Supplement Revision Status

**Bulletin Revision 1**

Remove  
 All pages of the  
 Service Bulletin

Incorporate  
 Pages 1 to 4 of the  
 Service Bulletin

Reason for change  
 to revise the effectivity  
 and Material information

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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 1 are as follows:

<u>Page</u>		<u>Revision Number</u>	<u>Revision Date</u>
	Bulletin		
R	1	1	Jul.10/01
R	2	1	Jul.10/01
R	3	1	Jul.10/01
R	4	1	Jul.10/01

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INFORMATION - ENGINE - LP COMPRESSOR - TO ANNOUNCE THE AVAILABILITY OF VARIOUS  
REVISED MATERIAL FRONT COMPRESSOR PARTS

1. Planning Information

A. Effectivity

- R (1) Airbus A319
- R (a) V2522-A5, V2524-A5 Engines
- R (b) V2527M-A5 Engines
- R (2) Airbus A320
- R (a) V2500-A1 Engines
- R (b) V2527-A5, V2527E-A5 Engines
- R (3) Airbus A321
- R V2530-A5 Engines
- (4) Boeing Longbeach Division MD-90
- R (a) V2525-D5, V2528-D5 Engine
- R (5) ATA Locator
- 72-32-00

B. Reason

The material has been revised from nitrided steel to non nitrided steel for the PT0 retaining plate, adjusting washers on PT0 bevel gear and adjusting washers on No.3 bearing seal seat.

C. Compliance

Category 7

Accomplish when supply of superseded parts has been depleted.

D. Approval

- R The part number transaction shown under the Material Information section of
- R this Service Bulletin has been shown to comply with the applicable Federal
- R Aviation Regulations and are FAA approved for the engine models listed.



E. References

- (1) Internal Reference No.

IAE Engineering Change Numbers 92VJ140, 92VJ140A and 92VJ140B

F. General Information

- (1) The Material Information section of this Bulletin provides the latest information concerning the availability of various revised material front compressor parts.

G. Other Publications Affected

- (1) The V2500-A1, V2500-A5 and V2500-D5 Engine Illustrated Parts Catalog, Chapter/Section 72-32-16 and 72-32-26.



## 2. Material Information

### A. The material information section of this Bulletin provides the latest information concerning availability

72-32-16

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
(1) For V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2525-D5 and 2528-D5 Engines					
01-170	5A1600	1	Plate, retaining	5A0778	(A)(B)(S1)
01-660	5A1569	1	Washer, flat adjusting	5A0744	(A)(B)(S1)
01-661	5A1570	1	Washer, flat adjusting	5A0745	(A)(B)(S1)
01-662	5A1571	1	Washer, flat adjusting	5A0746	(A)(B)(S1)
01-663	5A1572	1	Washer, flat adjusting	5A0747	(A)(B)(S1)
01-664	5A1573	1	Washer, flat adjusting	5A0748	(A)(B)(S1)
01-665	5A1574	1	Washer, flat adjusting	5A0749	(A)(B)(S1)
01-666	5A1575	1	Washer, flat adjusting	5A0750	(A)(B)(S1)
01-667	5A1576	1	Washer, flat adjusting	5A0751	(A)(B)(S1)
01-668	5A1577	1	Washer, flat adjusting	5A0752	(A)(B)(S1)
01-669	5A1578	1	Washer, flat adjusting	5A0753	(A)(B)(S1)
01-670	5A1579	1	Washer, flat adjusting	5A0754	(A)(B)(S1)
01-671	5A1580	1	Washer, flat adjusting	5A0755	(A)(B)(S1)
01-672	5A1581	1	Washer, flat adjusting	5A0756	(A)(B)(S1)
01-673	5A1582	1	Washer, flat adjusting	5A0757	(A)(B)(S1)
01-674	5A1583	1	Washer, flat adjusting	5A0758	(A)(B)(S1)
01-675	5A1584	1	Washer, flat adjusting	5A0759	(A)(B)(S1)
01-676	5A1585	1	Washer, flat adjusting	5A0760	(A)(B)(S1)
01-677	5A1586	1	Washer, flat adjusting	5A0761	(A)(B)(S1)
01-678	5A1587	1	Washer, flat adjusting	5A0762	(A)(B)(S1)
01-679	5A1588	1	Washer, flat adjusting	5A0763	(A)(B)(S1)
01-680	5A1589	1	Washer, flat adjusting	5A0764	(A)(B)(S1)
01-681	5A1590	1	Washer, flat adjusting	5A0765	(A)(B)(S1)
01-682	5A1591	1	Washer, flat adjusting	5A0766	(A)(B)(S1)
01-683	5A1592	1	Washer, flat adjusting	5A0767	(A)(B)(S1)
01-684	5A1593	1	Washer, flat adjusting	5A0768	(A)(B)(S1)
01-685	5A1594	1	Washer, flat adjusting	5A0769	(A)(B)(S1)
01-686	5A1595	1	Washer, flat adjusting	5A0770	(A)(B)(S1)
01-687	5A1596	1	Washer, flat adjusting	5A0771	(A)(B)(S1)
01-688	5A1597	1	Washer, flat adjusting	5A0772	(A)(B)(S1)
01-689	5A1598	1	Washer, flat adjusting	5A0773	(A)(B)(S1)
01-690	5A1599	1	Washer, flat adjusting	5A0774	(A)(B)(S1)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-501	5A1521	1	Washer, adjusting HPC	5A1023	(A)(B)(S1)
01-502	5A1522	1	Washer, adjusting HPC	5A1024	(A)(B)(S1)
01-503	5A1523	1	Washer, adjusting HPC	5A1025	(A)(B)(S1)
01-504	5A1524	1	Washer, adjusting HPC	5A1026	(A)(B)(S1)
01-505	5A1526	1	Washer, adjusting HPC	5A1027	(A)(B)(S1)
01-506	5A1528	1	Washer, adjusting HPC	5A1028	(A)(B)(S1)
01-507	5A1530	1	Washer, adjusting HPC	5A1029	(A)(B)(S1)
01-508	5A1532	1	Washer, adjusting HPC	5A1030	(A)(B)(S1)
01-511	5A1525	1	Washer, adjusting HPC	5A0890	(A)(B)(S1)
01-512	5A1527	1	Washer, adjusting HPC	5A0891	(A)(B)(S1)

R (2) For V2500-A1

R	01-500	5A1520	1	Washer, adjusting HPC	5A1022	(A)(B)(S1)
	01-513	5A1529	1	Washer, adjusting HPC	5A1500	(A)(B)(S1)
	01-514	5A1531	1	Washer, adjusting HPC	5A1501	(A)(B)(S1)

R (3) For V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5,  
R V2525-D5 and 2528-D5

R	01-509	5A1533	1	Washer, adjusting HPC	5A0888	(A)(B)(S1)
R	01-510	5A1534	1	Washer, adjusting	5A0889	(A)(B)(S1)

R B. Instructions Disposition Codes

(A) New part is currently available.

(B) Old part will no longer be available for sale.

(S1) Old and new part is freely and fully interchangeable, both physically and functionally.

3. Accomplishment Instructions

None