

**International Aero Engines****RR-DERBY**

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

DATE: **Sep. 1/03**

P.O. BOX 31, DERBY
 TELEGRAMS - 'ROYCAR' DERBY
 TELEX - 37645
 TELEPHONE - DERBY 242424

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

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin EV2500-70-0831 and the Initial Issue of the Supplement

Bulletin Initial Issue

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Supplement Initial Issue

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LIST OF EFFECTIVE PAGES

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Printed in Great Britain



INFORMATION - ENGINE - PROVIDE ADDITIONAL DIMENSIONS FOR CLASSES 4, 5, AND 6 OF THE
DIFFUSER CASE BUSHING INSERT

1. Planning Information

A. Effectivity Data

(1) Airbus A319

Engine Models Applicable

V2522-A5, V2524-A5, V2527M-A5 Engine Serial Nos. V10001 thru V11589

(2) Airbus A320

Engine Models Applicable

V2527-A5, V2527E-A5 Engine Serial Nos. V10001 thru V11589

(3) Airbus A321

Engine Models Applicable

V2530-A5, V2533-A5 Engine Serial Nos. V10001 thru V11589

(4) Boeing MD-90

Engine Models Applicable

V2525-D5, V2528-D5 Engine Serial Nos. V20001 thru V20285

B. Concurrent Requirements

There are no concurrent requirements.

C. Reason

(1) Problem: Insert part number classes CL4, CL5 and CL6 were never identified.

(2) Background: To satisfy the need for part number classes CL4, CL5 and CL6.

(3) Objective: Provide additional dimensioning for select diffuser case bushing inserts.

(4) Substantiation: Adding dimensions for bushing classes has no effect on the function of the part.

(5) Effects of Bulletin on:

Removal/Installation: Not affected.

Disassembly/Assembly: Not affected.

Cleaning: Not affected.

Inspection/Check: Not affected.

Repair: Not affected.

Testing: Not affected.

(6) Supplemental Information

None.

D. Description

Add Classified Parts

E. Compliance

N/A

There is no category code for the addition of classified parts.

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

Estimated man-hours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
In Service	Not Applicable
At Overhaul	Not Applicable

H. Weight and Balance

Weight Change	None
Moment	No Effect
Datum	Engine Front Mount Centerline (Power Plant Station (PPS) 100)

I. Electrical Load Data

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

J. Software Accomplishment Summary

Not Applicable.

K. References

1. V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA, S-V2500-2IA, S-V2500-2IB, S-V2500-3IA, S-V2500-3IB, S-V2500-5IA, S-V2500-5IB, S-V2500-6IA, S-V2500-6IB, S-V2500-7IA, and S-V2500-7IB), Chapter/Section 72-42-11.
2. V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-42-11.
3. V2500 Engine Manual (E-V2500-3IA), Chapter/Section 72-42-11.
4. V2500 Standard Practices/Processes Manual (E-V2500-3IA), Chapter/Section 72-42-11.
5. Internal Reference No. - 03VA022.
6. ATA Locator - 72-42-00.

L. Other Publications Affected

1. V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA, S-V2500-2IA, S-V2500-2IB, S-V2500-3IA, S-V2500-3IB, S-V2500-5IA, S-V2500-5IB, S-V2500-6IA, S-V2500-6IB, S-V2500-7IA, and S-V2500-7IB), Chapter/Section 72-42-11.
2. V2500 Engine Manuals (E-V2500-1IA and E-V2500-3IA), Chapter/Section 72-42-11 Cleaning, Inspection and Repair, to add the new part.

M. Interchangeability of Parts

Old and new parts are directly interchangeable.

N. Information in the Appendix

Alternate Accomplishment Instructions (No)



Progression Charts (No)

Added Data (No)

Revision to Table of Limits (No)

Inspection Procedures (No)

0. General Information

The Material Information section of this Service Bulletin provides the latest information concerning the availability of the affected parts.

The CSN numbers for Inserts class 1, 2, 3, 7, 8, and 9 and Washer 774502 are changed. New Inserts class 4, 5, 6 are added.



2. Material Information

A. Material – Price and Availability

1. There is no kit provided to do this Service Bulletin.
2. Part availability information is provided in material data Instructions – Disposition.

B. Industry Support Program

Not Applicable.

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

For V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, V2528-D5 Engines:

72-42-11

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01182		64	..Insert, Screw Thread	2A0308CL1	(C1)
01194	2A0308CL1	64	..Insert, Screw Thread		(T)
01184		64	..Insert, Screw Thread	2A0308CL2	(C1)
01196	2A0308CL2	64	..Insert, Screw Thread		(T)
01186		64	..Insert, Screw Thread	2A0308CL3	(C1)
01198	2A0308CL3	64	..Insert, Screw Thread		(T)
01200	2A0308CL4	64	..Insert, Screw Thread		(F)
01202	2A0308CL5	64	..Insert, Screw Thread		(F)
01204	2A0308CL6	64	..Insert, Screw Thread		(F)
01187		64	..Insert, Screw Thread	2A0308CL7	(C1)
01206	2A0308CL7	64	..Insert, Screw Thread		(T)
01188		64	..Insert, Screw Thread	2A0308CL8	(C1)
01208	2A0308CL8	64	..Insert, Screw Thread		(T)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01189		64	..Insert, Screw Thread	2A0308CL9	(C1)
01210	2A0308CL9	64	..Insert, Screw Thread		(T)
01190		AR	..Washer, Flat	774502	(C1)
01500	774502	AR	..Washer, Flat		(T)

D. Instructions/Disposition Code Statements:

Spare Parts Availability

(C1) The old part will continue to be supplied for use at other locations.

(F) The new part will be available on a Full Manufacturing lead time quote basis only.

(T) The new part was transferred to this CSN location.

E. Tooling – Price and Availability

Special tools are not required to accomplish this Service Bulletin.

F. Reidentified Parts

Not Applicable.

G. Other Material Information Data

Not Applicable.

3. Accomplishment Instructions

(1) None

(2) Recording Instructions

(a) Not required.



INFORMATION - ENGINE - PROVIDE ADDITIONAL DIMENSIONS FOR CLASSES 4, 5, AND 6 OF THE
DIFFUSER CASE BUSHING INSERT

SUPPLEMENT - 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. New Production Parts:

Part No.	Desc.	Unit Price US Dollars
2A0308CL1	Insert	24.90
2A0308CL2	Insert	24.90
2A0308CL3	Insert	24.90
2A0308CL4	Insert	24.90
2A0308CL5	Insert	24.90
2A0308CL6	Insert	24.90
2A0308CL7	Insert	24.90
2A0308CL8	Insert	24.90
2A0308CL9	Insert	24.90
774502	Washer	2.71

