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V2500-D5 SERIES PROPULSION SYSTEM SERVICE BULLETIN

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin EV2500-70-0829

Bulletin Initial Issue

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CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED
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LIST OF EFFECTIVE PAGES

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INFORMATION – ENGINE – PROVIDE A NEW NO. 4 BEARING COMPARTMENT GASKET AND LOCK

1. Planning Information

A. Effectivity Data (For Boeing MD-90)

Engine Models Applicable

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

B. Concurrent Requirements

None.

C. Reason

(1) Reason: A new No. 4 Bearing Scavenge Tube Gasket and Lock are available for D5 model for commonality of parts with the A1/A5 models.

(2) Effects of Bulletin on:

Removal/Installation: None.

Disassembly/Assembly: None.

Cleaning: None.

Inspection/Check: None.

Repair: None.

Testing: None.

(3) Supplemental Information

None.

D. Description

A replacement No. 4 Bearing Scavenge Tube Elbow Gasket and Lock are available for commonality with the A1/A5 redesigned parts.

NOTE: The additional hole in the gasket and lock was added to accommodate a locating pin for the V2500-A1-A5 engines and is acceptable for use in the V2500-D5 without the locating pin (commonality only).

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**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Accomplish when supply of superseded parts has been depleted.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

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. IAE V2500 Service Bulletin V2500-ENG-72-0167 (Engine - Diffuser and Combustion Section - Replace the Existing No. 4 Bearing Scavenge Tube Crush Gasket with a Gasket Having Improved Sealing Features).



2. V2500 Engine Illustrated Parts Catalogs (S-V2500-3IA, S-V2500-3IB), Chapter/Section 72-42-20.
3. V2500 Engine Manual (E-V2500-3IA), Chapter/Section 72-42-00.
4. Internal Reference No. - 01VA009J.
5. ATA Locator - 72-42-00.

L. Other Publications Affected

1. V2500 Engine Illustrated Parts Catalogs (S-V2500-3IA, S-V2500-3IB), Chapter/Section 72-42-00.
2. V2500 Engine Manuals (E-V2500-3IA), Chapter/Section 72-42-20 Cleaning, Inspection and Repair, to add the new part.

M. Interchangeability of Parts

Old and new parts are directly interchangeable.

NOTE: It is permissible to indiscriminately incorporate superseded and superseding locks and gaskets in delivered engines.

N. Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (Yes)

Added Data (No)

Revision to Table of Limits (No)

Inspection Procedures (No)

O. 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. Material – Price and Availability

1. The estimated price of new material to do this Service Bulletin using new replacement parts is \$291.60
2. There is no kit provided to do this Service Bulletin.
3. 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.

NOTE: The prices 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 Catalog for current prices.

For V2525-D5, V2528-D5 Engines:

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN (ATA/Figure/Item)	Inst – Disp
2A3816	1	20.60	.Gasket	2A2927 (72-42-20-02-300)	(2)(A) (L)
2A3817	1	271.00	.Lock	2A0346 (72-42-20-02-220)	(2)(A) (L)(I)



D. Instructions/Disposition Code Statements:

Parts Modification Conditions

(2) The new part is a replacement part only, and cannot be obtained by modification of the old part.

Spare Parts Availability

(A) The new part is available.

(C) The old part will continue to be supplied.

(L) The old part will be supplied until the supply is fully used.

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.

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) A record of accomplishment is not required.



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SERVICE BULLETIN

APPENDIX 1

Parts Progression To Show the Changed Part in Relation to Other Parts

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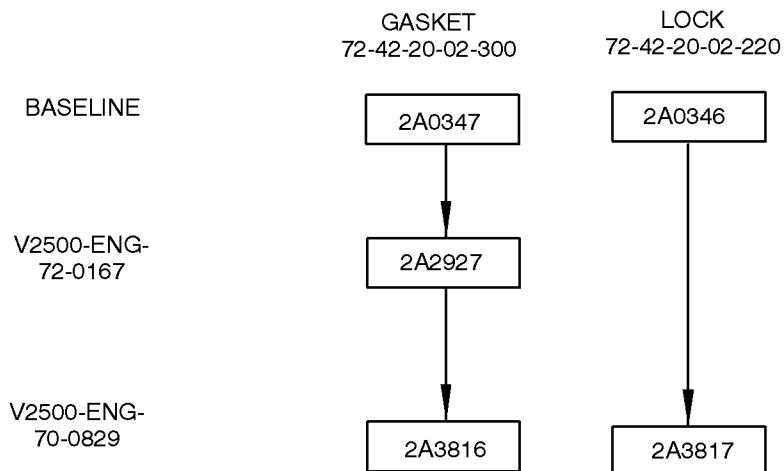
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MODIFICATIONS

PART NUMBER CHANGE



FAMILY TREE GASKET AND LOCK. REF. CATALOG SEQUENCE NUMBER 72-42-20. FIGURE 1 ITEMS 220 AND 300.

Figure 1

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