



ENGINE – PROVIDE A NEW DEOILER SEAL ASSEMBLY – CATEGORY CODE 6 – MOD.ENG-72-0183

1. Planning Information

A. Effectivity

(1) Aircraft: Airbus A320

(2) Engine: V2500-A1 engines before serial number V0362

B. Reason

(1) Condition

Oil coking build up may occur on the carbon seal surface. The oil coking causes oil leaking and lead to unscheduled carbon seal assembly removal

(2) Background

This condition was observed in service.

Objective

To improve engine reliability.

(4) Substantiation

A controlled service use (CSU) has been carried out successfully on ten preselected engines.

(5) Effects of Bulletin on Workshop Procedures

Removal/Installation	Not affected
Disassembly/Assembly	Not affected
Cleaning	Not affected
Inspection/Check	Not affected
Repair	Not affected
Testing	Not affected

C. Description

The new deoiler carbon seal features a pressure balanced design and an aluminium seal support to improve thermal dispersion.

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# SERVICE BULLETIN

Printed in Great Britain

#### D. Approval

The part number changes and part modifications described in Section 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulation and are FAA-APPROVED for the Engine Model listed.

### E. Compliance

Category Code 6

Accomplish when the subassembly (i.e. modules, accessories, components, build groups) is disassembled sufficiently to afford access to the affected parts and to all affected spare parts.

## F. Manpower

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

Venue	Estimated Man-hours
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(1) In service	Not applicable
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(2) At overhaul	Not affected
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#### G. Material - Price and Availability

(1) Modification Kit is not provided

(2) See "Material information" section for prices and availability of future spares.

## H. Tooling – Price and Availability

Special tools are not required to accomplish this Service Bulletin

## I. Weight and Balance

(1) Weight change .. .. No significant

(2) Moment arm .. .. No effect

(3) Datum Engine front mount centerline  
(Powerplant Station (P.P.S) 100)

## J. Electrical Load Data

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

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K. References

- (1) Internal Reference No.

EC93VF033

- (2) Other References

V2500 Aircraft Maintenance Manual, Chapter/Section 72-60-31  
Removal/Installation.

V2500 Engine Manual, Chapter/Section 72-60-31, Assembly.

L. Other Publications Affected

- (1) The V2500 Illustrated Parts Catalog, Chapter/Section 72-60-31 to add the new parts.
- (2) The V2500 Power Plant Illustrated Parts Catalog, Chapter/Section 72-60-31 to add the new part.



2. Accomplishment Instructions

A. Rework Instructions

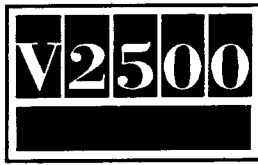
- (1) There are no rework instructions necessary to accomplish this Service Bulletin

B. Assembly instructions.

- (1) Install the new seal 4T0277 in the air port casing. Refer to the approved procedure in Reference 2
- (2) Cross by ink 4A0302 and write 4A0401 on the air port casing
- (3) Install the 4A0401 seal assembly. Refer to the approved procedure in Reference (1)

C. Recording Instruction

- (1) A record of accomplishment is necessary

3. Material Information

Applicability: For each V2500 Engine to incorporate this bulletin.

A. Kits associated with this Bulletin

None

B. Parts affected by this Bulletin

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instruction Disposition
4A0401 (72-60-31)	1		.Seal, Assembly	4A0302 (01-092)	(A) (B) (S1)
4T0277 (72-60-31)	1		..Seal	4T0231 (01-150)	(A)(B)(C)(S1)

C. Instructions/Disposition Code Statements:

(A) New part is currently available for sale

(B) Old part will be no longer available .

(C) Old part was an interch. control dwg.

(S1) Old and new parts coded (S1) are directly interchangeable.

NOTE: The estimated 1996 Unit Prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices

