



SERVICE BULLETIN

ENGINE - DIFFUSER AND COMBUSTION GROUP - REPLACE THE NO.4 BEARING PRESSURE TUBE ASSEMBLY GASKET - CATEGORY CODE 6 - MOD.ENG-72-0071

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engine before Serial No.V0122

B. Reason

(1) Condition

The gasket on the No.4 Bearing Pressure Tube Assembly did not have a 360 degree sealing surface contact area with the No.4 Bearing Support Assembly in the assembled position.

(2) Background

High oil consumption was found on Engine Serial No.V0049. Oil was leaking by the gasket between the No.4 Bearing Pressure Tube Assembly and the No.4 Bearing Support Assembly.

(3) Objective

To prevent the oil leakage at the No.4 Bearing Pressure Tube Assembly Gasket.

(4) Substantiation

A satisfactory bench pressure test was completed on the new gasket with a sealing surface contact area of 360 degrees.

(5) Effect of Bulletin on workshop procedures:

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

(6) Supplemental Information:

None

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C. Description

- (1) To prevent the oil leakage at the No.4 Bearing Pressure Tube Assembly Gasket; A new gasket is provided with a 360 degree sealing surface.

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 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 part and to all affected spare parts.

F. Manpower

Estimated Manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In Service	Not applicable
(2) At Overhaul	Not applicable

G. Material Price and Availability

- (1) Modification Kit no required.
- (2) See "Material Information" section for prices and availability of future spares.

H. Tooling - Price and Availability

Special tools are not required.

I. Weight and Balance

- | | | | | |
|-------------------|----|----|----|--|
| (1) Weight change | .. | .. | .. | None |
| (2) Moment arm | .. | .. | .. | No effect |
| (3) Datum | .. | .. | .. | Engine front mount centerline (Powerplant station P.P.S. (100)). |

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J. Electrical Load Data

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

K. References

(1) Internal Reference No.

89VA181

(2) Other References

V2500 Engine Manual

L. Other Publications Affected

(1) The V2500 Engine Illustrated Parts Catalog, Chapter/Section 72-42-20, Figure.



2. Accomplishment Instructions

A. Rework Instructions

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

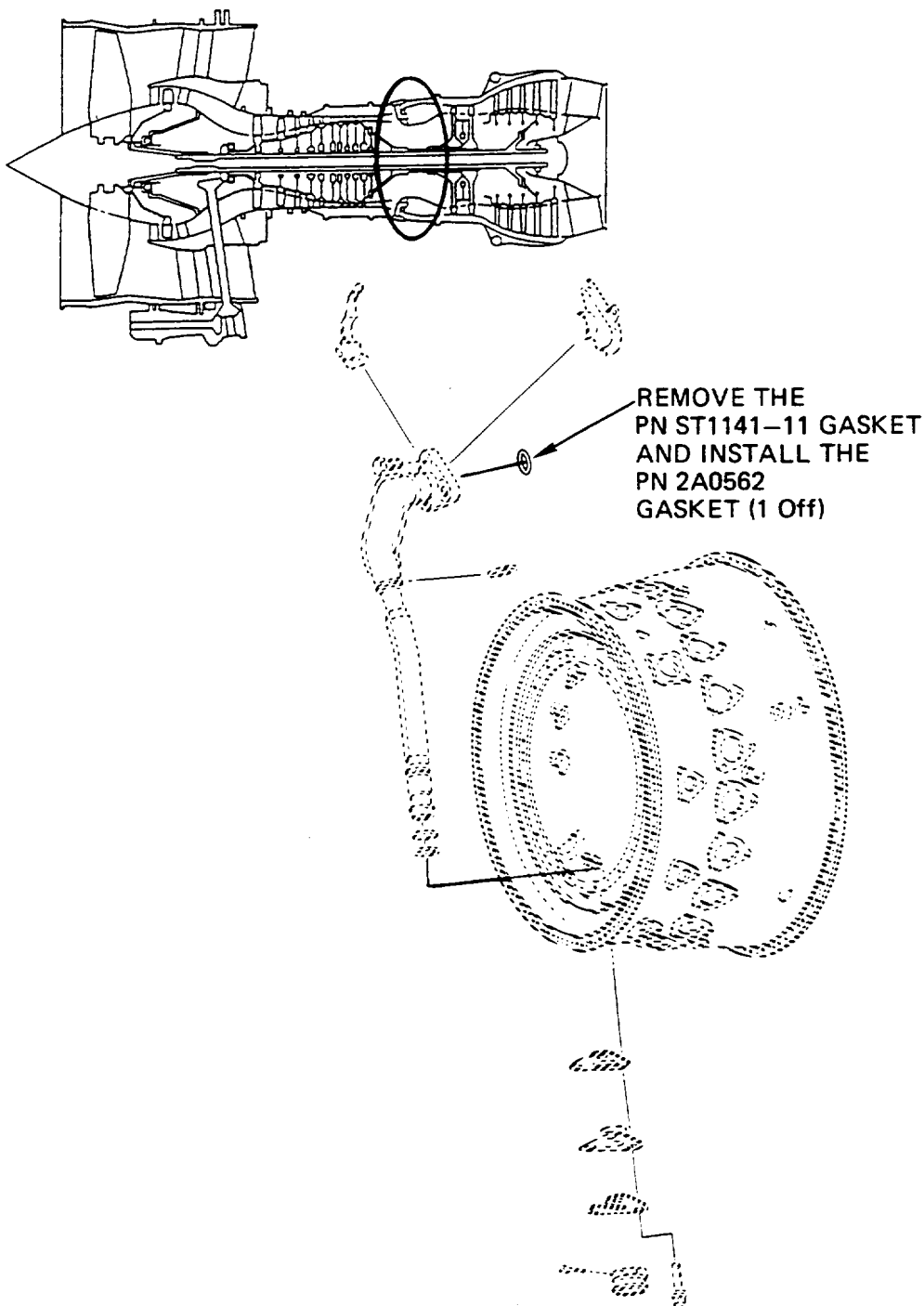
B. Assembly Instructions

- (1) Install the 2A0562 No.4 Bearing Pressure Tube Assembly Gasket (1 off) by the approved procedure in Reference (1), Chapter/Section 72-42-00, Assembly, Figure 1.

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Location of No.4 bearing pressure tube assembly gasket
Fig.1

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3. Material Information

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
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Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin:

None

B. Parts affected by this Bulletin:

2A0562	1	-	Gasket Option	ST1141-11	(A)(B)
(72-42-20)			Consisting of:	(01-040)	
2A0559 or			Gasket	ST1121-11 or	
2A0560			Gasket	ST1111-11	

C. Instruction/Disposition Code Statements:

- (A) New part is currently available.
- (B) Old part will no longer be available.

NOTE: The estimated 1990 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.

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