



# SERVICE BULLETIN

ENGINE - LP COMPRESSOR - PROVIDE A NO.2 BEARING OIL JET ASSEMBLY WITH A REVISED LENGTH LOCATION PIN - CATEGORY CODE 6 - MOD.ENG-72-0047

## 1. Planning Information

### A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engines prior to Serial V0107

### B. Reason

#### (1) Condition

The locating pin in existing No.2 bearing Oil Jet Assemblies may not provide adequate engagement.

#### (2) Background

As length of existing locating pin is shorter than oil passage inner diameter, the pin could fall into the oil passage. A longer locating pin has been provided. One end of the new pin reaches to the opposite inner wall or the oil jet body through the oil passage.

#### (3) Objective

The change in configuration recommended in this Service Bulletin is designed to provide a locating pin of greater length.

#### (4) Substantiation

The changes introduced by this Service Bulletin have no effect on the oil flow and the assembly.

#### (5) Effects of Bulletin on the following shop functions:

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.

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**SERVICE BULLETIN****C. Description**

(1) The changes introduced by this Service Bulletin are as follows:

- (a) 5R0071 No.2 bearing oil jet assembly supersedes 5R0574 No.2 bearing oil jet assembly.

**D. Approval**

The part number changes described in Section 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 sub-assembly (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
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(1) In service	Not applicable
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(2) At Overhaul (Note: The parts affected by this Service Bulletin are accessible at Overhaul).	
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(a) To accomplish the installation of the new No.2 bearing oil jet ..	No extra time required
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**G. Material - Price and Availability**

(1) Modification Kit not required.

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

**H. Tooling - Price and Availability**

Special tools are not required.

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# SERVICE BULLETIN

## I. Weight and Balance

- (1) Weight change .. .. . None
- (2) Moment arm .. .. . No effect
- (3) Datum .. .. . Engine front mount centreline  
(Power Plant Station (PPS) 100)

## J. Electrical Load Data

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

## K. References

- (1) Internal Reference No.

89VJ022

- (2) Other References

V2500 Engine Illustrated Parts Catalog; 72-32-17.

V2500 Engine Manual; 72-32-10, Disassembly and Assembly.

## L. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalog; 72-32-17.
- (2) V2500 Engine Manual; 72-32-10, Cleaning and Inspection/Check.

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2. Accomplishment Instructions

A. Rework Instructions

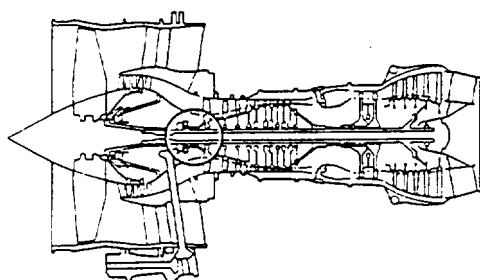
(1) There are no rework instructions necessary for this Service Bulletin.

B. Assembly Instructions

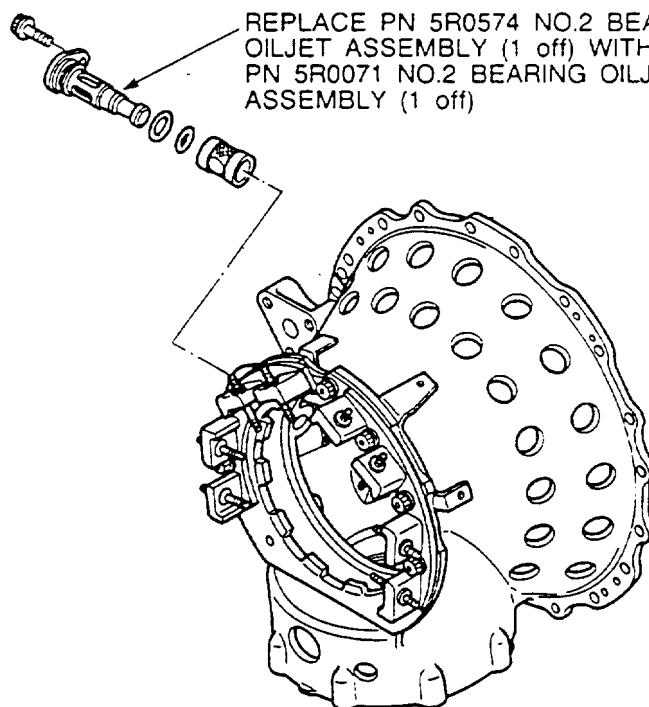
(1) Install 5R0071 No.2 bearing oil jet assembly by Figure 1 and approved procedure in Reference (2), Chapter/Section 72-32-10, Assembly.

C. Recording Instructions

(1) A record of accomplishment is necessary.



REPLACE PN 5R0574 NO.2 BEARING OILJET ASSEMBLY (1 off) WITH PN 5R0071 NO.2 BEARING OILJET ASSEMBLY (1 off)



View showing No.2 bearing oil jet assembly  
Fig.1

ded0000535



### 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.)	Instructions Disposition
5R0071 (72-32-17)	1	288.00	Oil jet, A/) No.2 bearing	5R0574 (01-700)	(A)(A)(B)

#### C. Instruction/Disposition Code Statements:

- (A) New part is currently available.
- (B) Old part will no longer be available for sale.
- (1) Old and new parts are freely and fully interchangeable, both physically and functionally.

NOTE: The estimated 1991 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.