



POWER PLANT - NACELLE - POWERPLANT - GEARBOX BREATHER OUTLET DUCT SEAL - REPLACEMENT OF
- CATEGORY CODE 4 - MOD.NAC-71-0075

1. Planning Information

A. Effectivity

- (1) Airplane: Airbus A320
- (2) Nacelle: V2500-A1 Engine Buildup units prior to
Serial No. 113

B. Reason

(1) Condition

During certain flight conditions the gearbox breather outlet duct seal may depressurize, which results in oil staining of the fan cowl door.

(2) Background

This was discovered during flight trials and backed by tests made at Rolls-Royce, Derby.

(3) Objectives

To maintain an effective seal at the joint of the gearbox outlet ducts.

(4) Substantiation

Trials in the pressure chamber at R.R. Derby and subsequent in-flight trials proved satisfactory.

(5) Effect of Bulletin On:

(a) Removal/Installation	Not Affected
(b) Disassembly/Assembly	Not Affected
(c) Cleaning	Not Affected
(d) Inspection/Check	Not Affected
(e) Repair	Not Affected
(f) Testing	Not Affected

(6) Supplemental Information

Not applicable.

C. Description

- (1) The change introduced by this Bulletin is as follows:-

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SERVICE BULLETIN

- (a) The silicone seal on the gearbox breather outlet duct is removed and replaced by a perforated seal.

D. Approval

The technical content of this Service Bulletin is covered by an Airbus Industrie Modification No. P3179/21948 which is under DGAC (Direction Generale de L'Aviation Civile - France) approval.

E. Compliance

Category 4.

Accomplish at the first visit of the nacelle or nacelle component to a maintenance base capable of compliance with the Accomplishment Instructions regardless of the planned maintenance action for the nacelle or nacelle component.

F. Manpower

Estimated Manhours to incorporate the full intent of this Service Bulletin:

VENUE	ESTIMATED MANHOURS
(1) In Service	
(a) To gain access	0.2 M/Hrs.
(b) To embody	0.4 M/Hrs.
(c) To return Nacelle to service	0.2 M/Hrs.
Total	0.8 M/Hrs.

G. Material - Cost and Availability

The parts to accomplish this Service Bulletin are available from the manufacturer as Kit No V2571075-551 at no cost to the operator.

Operators with units listed in Paragraph 1.A should submit a no-charge purchase order for the applicable quantity of kits. The purchase order must specify this service bulletin number and only the parts listed herein. Operators will have one year from the issue date of this Service Bulletin to place an order. After one year, kits will no longer be available and Operators will have to order parts individually at catalog price, if they desire to incorporate this change.

Direct Purchase order to:

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Rohr International Sales Corporation
P.O. Box 878
Chula Vista, CA 91912
USA

Attn: Customer Support Manager, Bldg 107A
(Service Bulletin No V2500-NAC-71-0075)

H. Tooling Cost and Availability

None required.

I. Weight and Balance

- (1) Weight change None
- (2) Moment arm No effect
- (3) Datum Engine Front Mount Centerline
..... (Powerplant Station PPS 100.00)

J. Electrical Load Data

Not affected.

K. References

- (1) Internal Reference No.

89VN089
- (2) Other References

A320 Aircraft Maintenance Manual 71-13-00.

L. Other Publications Affected

A320/V2500-A1 Illustrated Parts Catalogue 72-61-49

A320/V2500-A1 Powerplant Buildup Manual 71-00-02

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2. Accomplishment Instructions

A. Pre-requisite Instructions

- (1) Open the right fan cowl door with instructions in the A320 Aircraft Maintenance Manual, Task 71-13-00-010-010.

B. Rework or Modification Instructions

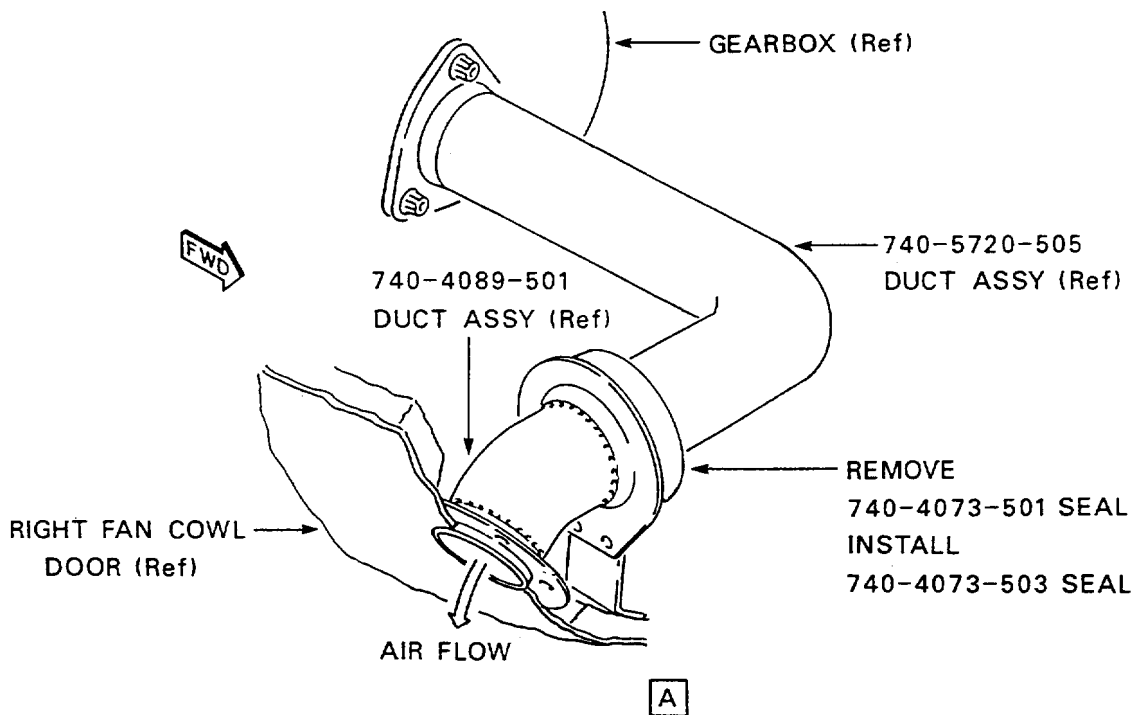
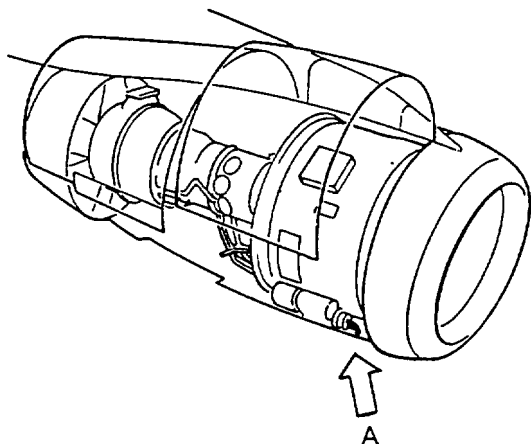
- (1) Locate the 740-4073-501 seal on the 740-5720-505 duct assembly at the engine gearbox. (Refer to figure 1). Remove and discard the seal.
- (2) Install the 740-4073-503 seal on the 740-5720-505 duct assembly.

C. Post-requisite Instructions

- (1) Close the right fan cowl door with instructions in the A320 Aircraft Maintenance Manual, Task 71-13-00-410-010.

E. Recording Instructions

A record of accomplishment is necessary.



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REPLACEMENT OF GEARBOX BREATHER OUTLET DUCT SEAL
Fig.1

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SERVICE BULLETIN

3. Material Information

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	INSTR/ DISPOS
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Applicability: For each V2500 Nacelle to incorporate this Bulletin.

A. Kits associated with this Bulletin:

V2571075-551 1	Kit	(A)
consisting of:		

740-4073-503 1	Seal
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B. Parts affected by this Bulletin:

740-4073-503 1	Seal	740-4073-501 (B)(1D)
(72-61-49)		(01-040)

C. Instructions/Disposition Code Statements:

- (A) Kit is available.
- (B) New part supplied as detail of the kit.
- (1D) Discard the old part.

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