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V2500-A1 PROPULSION SYSTEMS SERVICE BULLETIN

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin EV2500-70-0808

Bulletin Initial Issue

Remove	Incorporate Pages 1 to 8 of the Service Bulletin	Reason for change Initial issue
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CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED
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LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin are as follows:

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Bulletin

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INFORMATION – ENGINE – LP COMPRESSOR – INTRODUCTION OF A NEW ANNULUS FILLER WITH
REDESIGNED SOURCE MATERIAL

1. Planning Information

A. Effectivity

- (1) Airbus A320
V2500-A1 Engines.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

There is a requirement to increase the manufacturing capacity of the V2500 – A1 annulus filler. A forging closer to the finished profile of this part is to be introduced. This minimises machining and increases the manufacturing capacity.

(2) Background

See (1) problem.

(3) Objective

The purpose of this Service Bulletin is to redesign the source material to improve production efficiency of the Annulus Filler.

(4) Substantiation

None.

(5) Effect of Bulletin on:

(a) Removal/Installation

Not affected.

(b) Disassembly/Assembly

Not affected.

(c) Cleaning

Not affected.

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(d) Inspection/Check

Not affected.

(e) Repair

Not affected.

(f) Testing

Not affected.

(6) Supplemental Information

None.

D. Description

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

(a) The profile of the Annulus Filler is changed to minimize machining during the manufacturing process.

(2) For relationship with other Service Bulletins, see Fig. 1 'Family Tree'.

(3) Existing part can not be reworked to a new part.

E. Compliance

Category Code 7

Accomplish when supply of superseded parts has been depleted.

F. Approval

The part number changes and/or part modification described in Section 2 and 3 of this Modification Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA APPROVED for the Engine Models listed.



G. Manpower

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

(1) In service

Not applicable

(2) At Overhaul

Not applicable

NOTE: The parts affected by this Service Bulletin are accessible at overhaul.

H. Weight and Balance

(1) Weight Change

None.

(2) Moment Arm

None.

(3) Datum

Engine front mount centeline (Power Plant Station - PPS100).

I. Electrical Load Data

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

J. Software Accomplishment Summary

Not applicable.

K. References

(1) Engineering Change No.00VJ012.

(2) ATA Locator - 72-31-00.



L. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalogue, Chapter/Section 72-31-11 will be revised to incorporate the new part number.
- (2) V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-31-11, Cleaning-01, Config-01 will be revised to incorporate the new part number.
- (3) V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-31-11, Inspection/Check-01, Config-02 will be revised to incorporate the new part number.
- (4) V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-31-11, Repair Scheme VRS1004, VRS1009, VRS1007, VRS1008, VRS1010, VRS1019, VRS1016 and VRS1013 will be revised to incorporate the new part numbers.

M. Interchangeability of Parts

Not affected.



2. Material Information

A. Material – Price and Availability

The prices as 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.

(1) Modification Kit

Modification kit is not required.

(2) New production

Part Number	Qty	Unit Price	Comments
5A1854	22		

B. Industry Support Information

None

C. Kit necessary for this Service Bulletin

None

D. Parts affected by this Service Bulletin

V2500-A1 Engines

72-31-11

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01100	5A1854	22	Filler Annulus	-	5A1638	(A)(B)(S1)

E. Instructions disposition codes:

(A) New part will become available when existing stock of old parts has been exhausted.

(B) Old parts will continue to be supplied until existing supplies have been depleted.

(S1) Old and new part is freely and fully interchangeable both physically and functionally.



F. Tooling – Price and Availability

Not applicable.



3. Accomplishment Instructions

A. Rework Instructions

Not applicable.

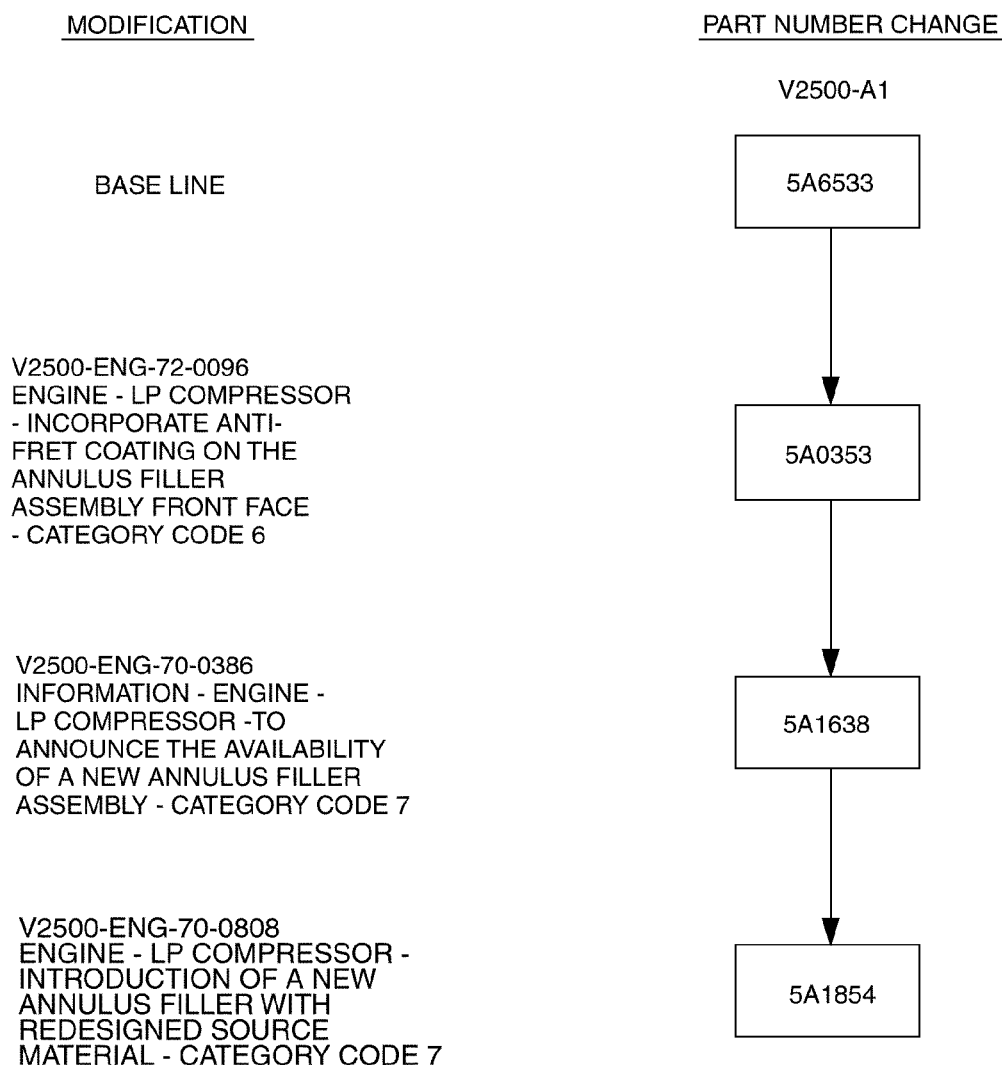
B. Assembly Instructions

Not applicable.

C. Recording Instructions

Not applicable.

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Family Tree - Annulus Filler (72-31-11, Fig 01, Item 100)
Figure 1

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