

International Aero Engines

SERVICE BULLETIN

AIR - LP COMPRESSOR BLEED MASTER ACTUATOR - INTRODUCTION OF REVISED BSBVA
MASTER MOUNTING BRACKET

MODEL APPLICATION

V2522-A5
V2524-A5
V2527-A5
V2527E-A5
V2530-A5
V2533-A5

BULLETIN INDEX LOCATOR

75-31-00

Compliance Category Code

7

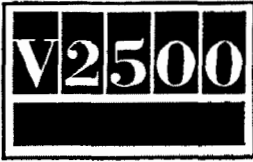
Internal Reference No.

EC98VR019

Mar. 12/99

V2500-ENG-75-0080

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**AIR - LP COMPRESSOR BLEED MASTER ACTUATOR - INTRODUCTION OF REVISED BSBVA
MASTER MOUNTING BRACKET**

1. Planning Information

A. Effectivity

(1) Aircraft:

- (a) Airbus A319.
- (b) Airbus A320.
- (c) Airbus A321.

(2) Engines:

- (a) V2522-A5 Engines prior to Serial No. V10575.
- (b) V2524-A5 Engines prior to Serial No. V10575.
- (c) V2527-A5 Engines prior to Serial No. V10575.
- (d) V2527E-A5 Engines prior to Serial No. V10575.
- (e) V2530-A5 Engines prior to Serial No. V10575.
- (f) V2533-A5 Engines prior to Serial No. V10575.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

Cracks on the master bracket of the booster-stage bleed-valve actuator (BSBVA) can occur.

The cracks were found to start from a lozenge hole which forms a bend in the inner stand-off legs.

(2) Evidence

The problem was found after maintenance checks of in-service brackets.



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(3) Substantiation

A satisfactory engineering analysis and a successful vibration test have been done on the changes introduced by this Service Bulletin.

(4) Objective

The purpose of this Service Bulletin is to maintain reliability.

(5) Effect of Bulletin on:

(a) Operation

Not affected.

(b) Maintenance

Not affected.

(c) Overhaul

Affected.

(d) Repair Schemes

Not affected.

(e) Interchangeability

Not affected.

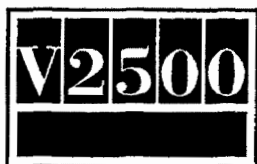
(f) Fits and Clearances

Not affected.

D. Description

(1) The BSBVA master bracket has been revised, the changes are as follows:

- (a) The inner stand-off legs have changed from being cranked with weld and lozenge-hole features, to being straight from the top-plate to the base.



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E. Approval

The part number changes and/or part modification are given in Sections 2 and 3 of this Service Bulletin. They comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine models listed.

F. Compliance

Category Code 7.

Accomplish when there are no superseded parts remaining.

G. Manpower

Estimate of man-hours necessary to embody this Service Bulletin in full:

- (1) In Service Not applicable.
- (2) At Overhaul No additional time is necessary to embody this Service Bulletin.

NOTE: It is possible to get access to the parts affected by this Service Bulletin at overhaul.

H. Material - Price and Availability

A modification kit is not necessary.

I. Tooling - Price and Availability

Special tools are not necessary.

J. Weight and Balance

- (1) Weight Change

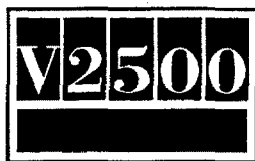
None.

- (2) Moment Arm

Not affected.

- (3) Datum

Engine front mount centreline (Power Plant Station - PPS 100).



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K. Electrical Load Data

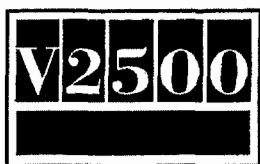
The aircraft electrical load is not affected by this Service Bulletin.

L. References

- (1) A5 Engine Manual (EM), Chapter/Section 72-00-40, Removal-02 CONFIG 2 and Installation-09 CONFIG 2.
- (2) A319/A320/A321 Aircraft Maintenance Manual (AMM), Chapter/Section 75-31-42.

M. Other Publications Affected

- (1) Illustrated Parts Catalogue (IPC), Chapter/Section 75-31-42.
- (2) Component Maintenance Manual (CMM) - Miscellaneous Mechanical (MM) - Chapter/Section 75-31-42, Cleaning-00, Inspection/Check-01 and Repair 2.



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2. Material Information

A. Kits necessary for this Service Bulletin:

None.

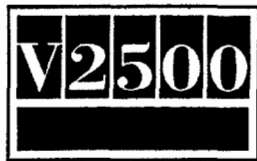
B. Parts affected by this Service Bulletin:

NEW PART No. (ATA No.)	QTY	EST'D UNIT PRICE (\$)	PART TITLE	OLD PART No. (IPC No.)	INSTR DISP
6A7375 (75-31-42)	1	5,300.00	.Bracket assy, mounting - BSBVA master	6A4368 (01-200)	(A)(B) (S1)

NOTE: The unit prices, if shown, are an estimate and they are given for the purpose of planning only.
For actual prices, refer to IAE Price Catalog or contact IAE's spare parts sales department.

C. Instruction disposition codes:

- (1) (A) New part will be available from March 1999.
- (2) (B) Old part will be discontinued.
- (3) (S1) Old and new parts are freely and fully interchangeable.



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3. Accomplishment Instructions

A. Rework Instructions

None.

B. Assembly Instructions

(1) For the correct removal/installation procedures, refer to the:

- (a) A5 Engine Manual (EM), Chapter/Section 72-00-40, Removal-02 CONFIG 2 and Installation-09 CONFIG 2.

or

- (b) A319/A320/A321 Aircraft Maintenance Manual (AMM), Chapter/Section 75-31-42.

C. Recording Instructions

A record of accomplishment is necessary.

