



AIR - LP COMPRESSOR BLEED, SLAVE ACTUATOR - INTRODUCTION OF REVISED MOUNTING BRACKET
FOR THE SLAVE BSBVA - CATEGORY CODE 7 - MOD.ENG-75-0077

Printed in Great Britain

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. V10550.
 (b) V2524-A5 Engines prior to Serial No. V10550.
 (c) V2527-A5 Engines prior to Serial No. V10550.
 (d) V2527E-A5 Engines prior to Serial No. V10550.
 (e) V2530-A5 Engines prior to Serial No. V10550.
 (f) V2533-A5 Engines prior to Serial No. V10550.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

A design review has shown that the process of manufacture for the mounting bracket for the slave booster-stage bleed-valve actuator (BSBVA), can be made easier.

(2) Evidence

Refer to C.(1) Problem.

(3) Substantiation

A satisfactory engineering and stress analysis together with a SC03 finite-element analysis, have been carried out on the changes introduced by this Service Bulletin.

(4) Objective

The purpose of this Service Bulletin is to make the process of manufacture easier.

(5) Effect of Bulletin on:

- (a) Operation

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Not affected.

(b) Maintenance

Not affected.

(c) Overhaul

Not affected.

(d) Repair Schemes

Not affected.

(e) Interchangeability

Not affected.

(f) Fits and Clearances

Not affected.

D. Description

(1) The changes introduced are as follows:

(a) A revised mounting bracket for the slave BSBVA is introduced, with the changes that follow:

(i) The mounting place is produced from two separate pieces instead of one.

(ii) The bent-leg features have been removed from the rear of the bracket.

(iii) The legged support panel at the rear has been extended forwards and welded to the top plate.

(iv) Weld locations have been improved.

E. Compliance

Category Code 7.

This Service Bulletin can be accomplished when there are no original parts remaining.



SERVICE BULLETIN

F. Approval

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

G. Manpower

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

Venue	Estimated Man-hours
(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

- (1) A modification kit is not necessary.
- (2) Refer to 3. Material Information for the prices and availability of future spares.

I. Tooling – Price and Availability

Special tools are not necessary.

J. Weight and Balance

- (1) Weight Change

None.

- (2) Moment Arm

Not effect.

- (3) Datum

Engine front mount centreline (Power Plant Station (PPS) – 100)

K. Electrical Load Data

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

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L. References

(1) Internal Reference No.

EC97VR029

(2) Other References

A5 Engine Manual (EM), Chapter/Section 72-00-40, Removal/Installation.

M. Other Publications Affected

(1) Engine manual (EM), Chapter/Section 72-00-40, Removal/Installation
CONFIG-2.

(2) Component Maintenance Manual (CMM) – (Miscellaneous Mechanical),
Chapter/Section 75-31-43, Cleaning, Inspection/Check and Repair.

(3) Illustrated Parts Catalogue (IPC), Chapter/Section 75-31-43.



2. Accomplishment Instructions

A. Rework Instructions

None.

B. Assembly Instructions

Remove the old bracket 6A4369 (1 Off), and install the new bracket 6A7374 (1 Off).

(a) For the correct removal/installation procedures refer to the A5 Engine Manual (EM), Chapter/Section 72-00-40, Removal/Installation.

C. Recording Instructions

A record of accomplishment is necessary.



3. Material Information

Applicability: For each V2500 engine for which this Service Bulletin is applicable.

A. Kits associated with this Service Bulletin:

None.

B. Parts affected by this Service Bulletin:

NEW PART NUMBER	QTY	EST'D UNIT PRICE (\$)	PART TITLE	OLD PART No. (IPC No.)	INSTR DISP
6A7374 (75-31-43)	1	Note	Bracket assy, mounting - BSBVA Slave	6A4369 (01-200)	(A)(B) (S1)

NOTE: The units prices, if shown, are an estimate and they are given for the purpose of planning only. For information about actual prices, refer to the IAE price catalogue or contact IAE's spare part Sales Department.

C. Instruction Disposition Codes

- (A) New part will be made available from November 1998.
- (B) Old part will be discontinued.
- (S1) Old and new parts are freely and fully interchangeable.

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