



ENGINE - AIR - REPLACE THE HP COMPRESSOR VARIABLE STATOR VANE ACTUATOR BRACKET ASSEMBLY
- CATEGORY CODE 6 - MOD.ENG-75-0034

1. Planning Information

A. Effectivity

- (1) Aircraft : Airbus A320
- (2) Engine : (a) V2500-A1 Engines V0266 and subsequent Serial Nos.
(b) V2500-A1 Engines incorporating Service Bulletin V2500-ENG-72-0132.

B. Concurrent Requirements

None

C. Reason

(1) Condition

Limited clearance between a harness support clip and the inner wall of the 'C' duct.

(2) Background

Service Bulletin V2500-ENG-72-0132 repositioned the EEC harness to run outboard of the electrical disconnect for the BSBVA actuator. This, in turn, necessitated the rotation of the harness support clip at clip point 5745 to face outboard instead of inboard. This may result in limited clearance between the clip and the inner profile of the 'C' duct.

(3) Objective

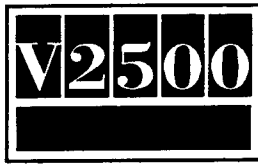
To improve the clearance between clip point 5745 and the pod structure.

(4) Substantiation

Trial installations on a mock-up engine and on an installed engine have demonstrated adequate clearance between the clip and the inner wall of the 'C' duct.

(5) Effect of Bulletin on Workshop Procedures:

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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

D. Description

The existing bracket which supports a raceway at clip point 5746 and the EEC harness at clip point 5745 is replaced with a new bracket which is shorter. This change increases the clearance between clip point 5745 and the 'C' duct. The bracket also feature a lip to provide positive orientation of the clip and ensure clearance between the master BSBVA actuator harness disconnect and the EEC harness loom.

E. Approval

The part number changes and/or part modifications 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.

F. Compliance

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Accomplish when the sub-assembly (i.e. modules, accessories, components, build groups) is disassembled sufficiently to afford access to the affected parts and to all affected spare parts.

G. Manpower

Estimated manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In Service	Not applicable
(2) At Overhaul	Not affected

H. Material - Price and Availability

- (1) Modification Kit not required.
- (2) See 'Material Information' section for prices and availability of future spares.

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I. Tooling - Price and Availability

Special tools are not required.

J. Weight and Balance

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

K. Electrical Load Data

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

L. References

- (1) Internal Reference No.

EC92VR196

- (2) Other References

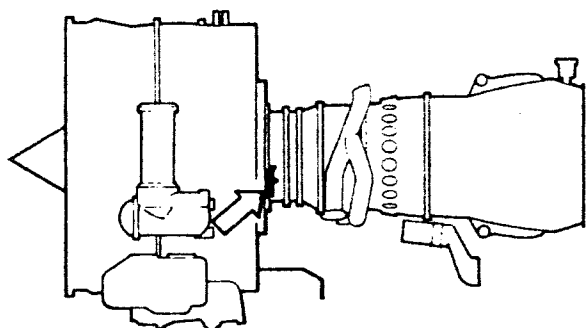
Service Bulletin V2500-ENG-72-0132 - Engine - LP Compressor - Removal of Stage 6 Buffer Air System.

Service Bulletin V2500-ENG-70-0158 - Information - Engine - Introduce Various Revised Material External Brackets.

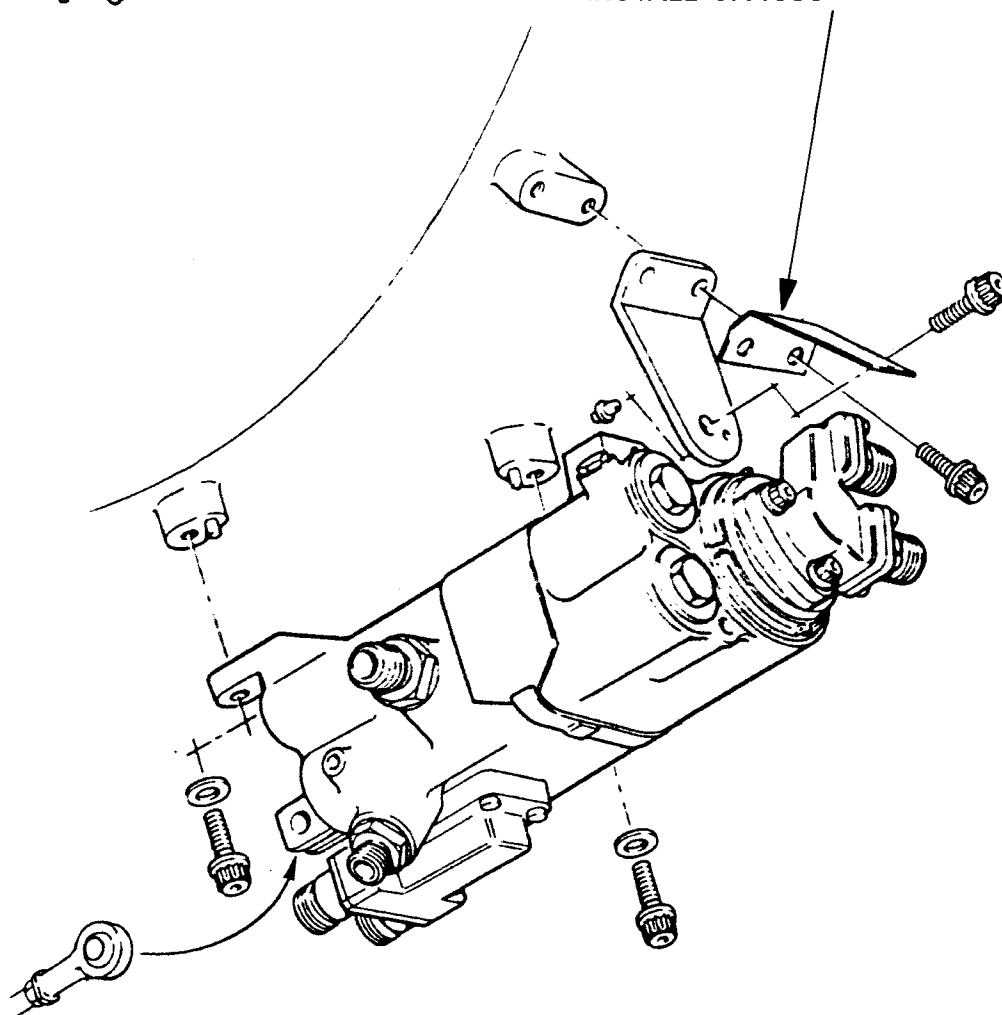
M. Other Publications Affected

- (1) V2500 Component Maintenance Manual (CMM-MECH-V2500-1IA), 75-32-41, Cleaning-00 and -01, Inspection/Check-00 and -02.

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REMOVE 5W8366 OR 6A4672 AND
INSTALL 6A4659



E3026

Location of the bracket assembly
Fig.1

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2. Accomplishment Instructions

A. Rework Instructions

- (1) There are no rework instructions necessary to accomplish this Service Bulletin.

B. Assembly Instructions

- (1) Install the 6A4659 support bracket by means of approved procedures. Refer to A320 Aircraft Maintenance Manual.

C. Recording Instructions

- (1) A record of accomplishment is necessary.



SERVICE BULLETIN

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
6A4659 (75-32-41)	1		Bracket assembly, support - CP5745 and CP5746	5W8366 or 6A4672 (01-070)	(A)(B)(S1)

C. Instructions/Disposition Code Statements:

(A) New part currently available.

(B) Old part will no longer be available.

(S1) New part may be used in place of old part but not vice-versa.

NOTE: The estimated 1994 unit price shown is provided for planning purposes only and does not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.

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