



ENGINE - AIR - INTRODUCE A NEW BRACKET AT CLIPPING POINT 5560 - CATEGORY CODE 7 -  
CATEGORY CODE 6 - MOD.ENG-75-0044

1. Planning Information

A. Effectivity

- (1) Aircraft: (a) Airbus A320  
(b) Airbus A321
- (2) Engine: (a) V2500-A1 Engines prior to Serial No.V0355  
(b) V2527-A5 Engines prior to Serial No.V10025  
(c) V2530-A5 Engines prior to Serial No.V10025

B. Concurrent Requirements:

This Service Bulletin requires to be incorporated concurrently with Service Bulletin V2500-ENG-75-0035.

C. Reason

(1) Condition

See 'Background'

(2) Background

There is insufficient clearance between the support bracket and harness clip at clipping point 5560.

(3) Objective

Incorporation of this Service Bulletin is designed to improve the clearance between the support bracket and harness clip at clipping point 5560.

(4) Substantiation

A trial assembly on a mock-up engine has demonstrated adequate clearance between the support bracket and harness clip at clipping point 5560.

(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

This Service Bulletin introduces a new support bracket to provide increased clearance for the clip. Existing brackets can be reworked.

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 Models listed.

F. Compliance

V2527-A5 and V2530-A5

Category Code 6

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.

V2500-A1

Category Code 7

Accomplish when supply of superseded parts has been depleted.

G. Manpower

Estimated manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In Service	Not applicable
(2) At Overhaul	
(a) To rework the bracket	

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26 minutes

Total: 26 minutes

H. Material - Price and Availability

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

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.

EC93VR036A

- (2) Other References

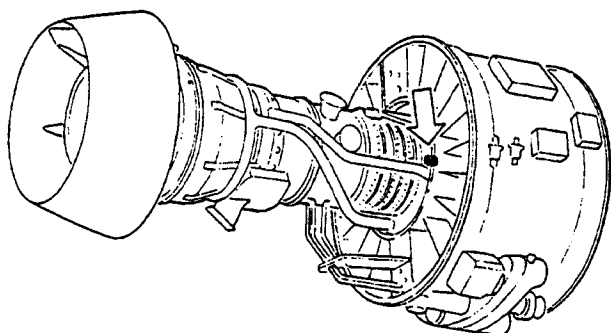
Service Bulletin V2500-ENG-75-0035 (Revise the orientation of clipping point CP5560)

V2500 Engine Manual (E-V2500-1IA)

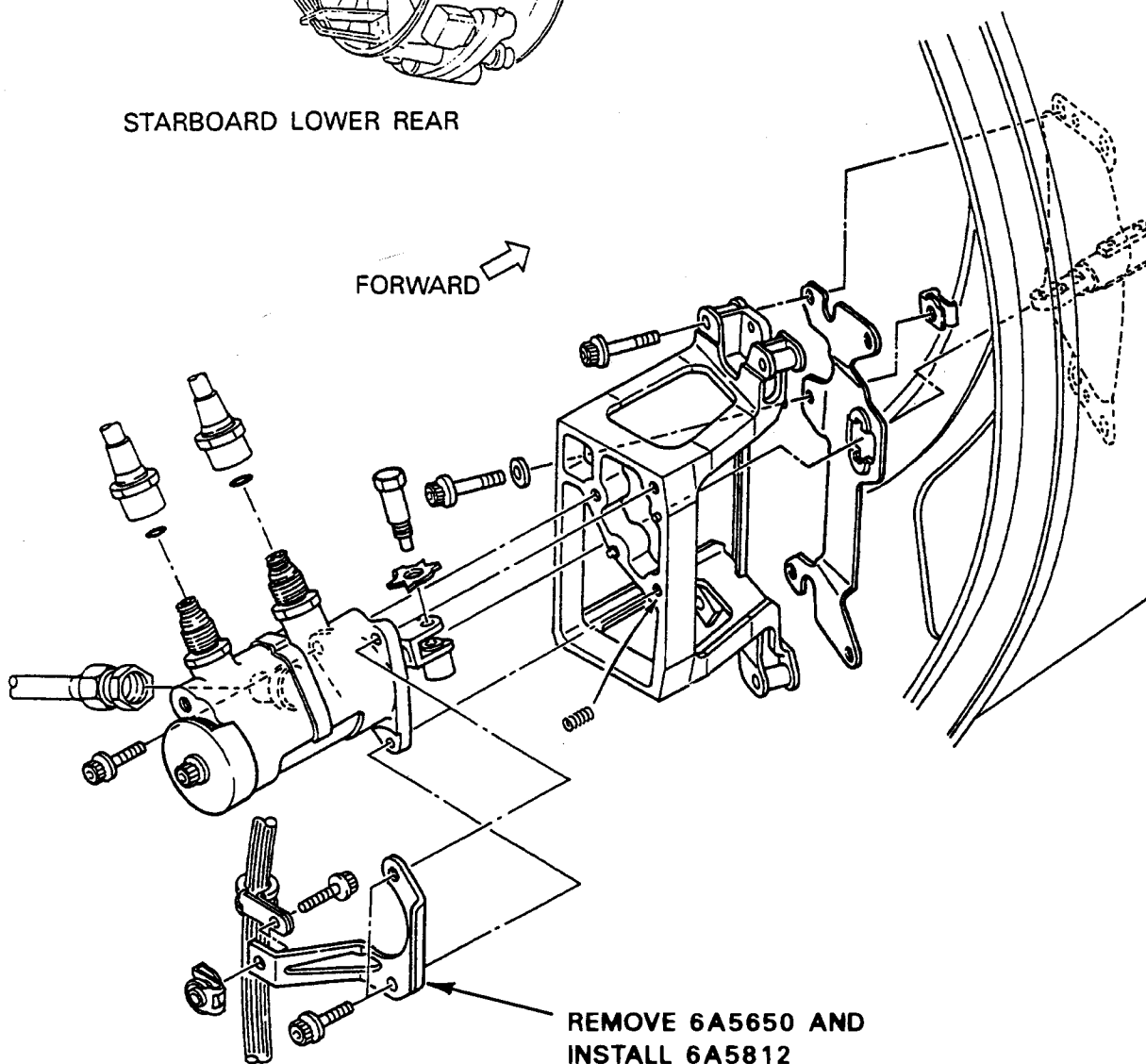
M. Other Publications Affected

- (1) V2500 Illustrated Parts Catalog (S-V2500-1IA) Chapter/Section 75-31-43.
- (2) V2500 Illustrated Parts Catalog (S-V2500-2IA) Chapter/Section 75-31-43.
- (3) V2500 Component Maintenance Manual (CMM-MECH-V2500-1IA), 75-31-43, Cleaning-01 CONFIG-1, Inspection/Check-01 CONFIG-1 and Rework.

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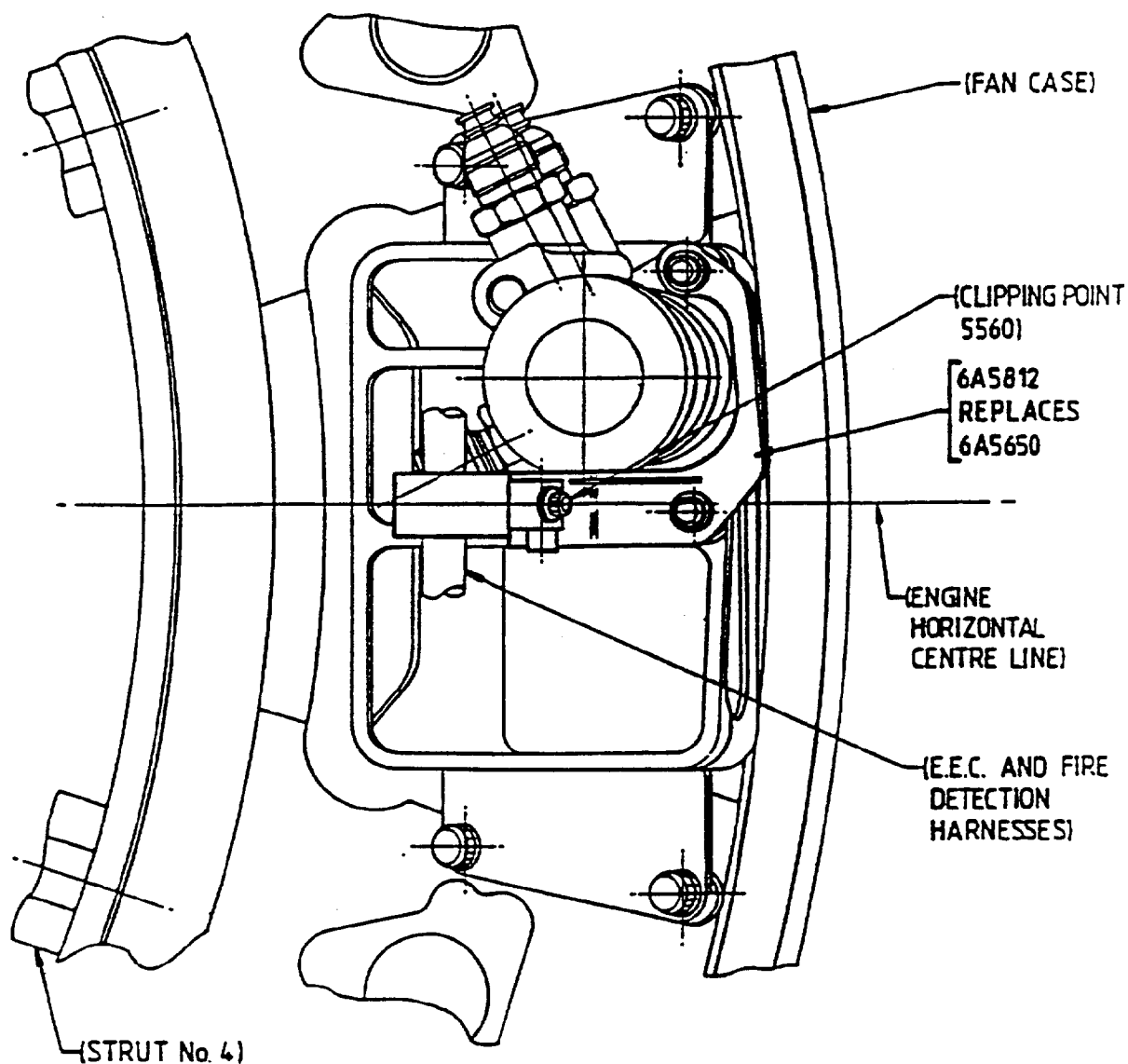
STARBOARD LOWER REAR



E3583

Location of harness bracket  
Fig.1

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View on fan frame at B.S.B.V. slave actuator showing location of modified bracket -  
Before and after alteration  
Fig.2

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## 2. Accomplishment Instructions

### A. Rework Instructions

- (1) Rework the following parts.

6A5650, bracket, assembly harness, clip point 5560 (Refer to 75-31-43, Fig/Item 01-090).

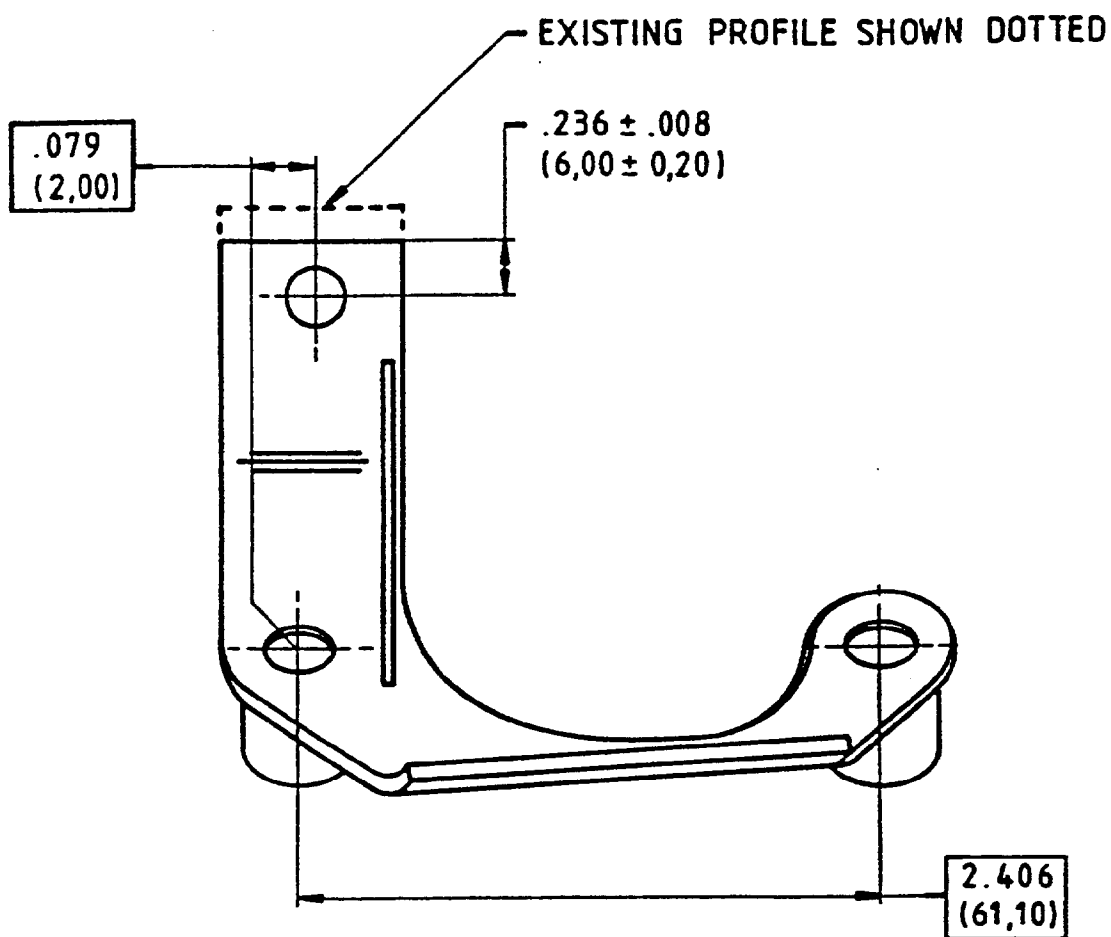
Consumable Materials - None

Standard Equipment

Chemical cleaning equipment  
Standard workshop equipment  
Scribing tool  
Vibro-engraving equipment

PROCEDURE	SUPPLEMENTARY INFORMATION
(a) Chemically clean the support bracket	Refer to SPM TASK 70-11-03-300-503 Use chemical cleaning equipment.
(b) Mark the rework area	Refer to Figure 3. Use a locally manufactured template with a scribing tool
(c) Remove the unwanted material	Refer to Figure 3. Use standard workshop equipment
(d) Remove burrs and break sharp edges	Use standard workshop equipment
(e) Visually examine and measure the dimensions of the support bracket	Refer to Figure 3. Use standard workshop equipment
(f) Cancel the existing part number and identify with the new part number	Refer to SPM TASK 70-09-00-400-501, SUBTASK 70-09-00-400-001. Existing                      Re-number 6A5650                      6A5812  Use vibro-engraving equipment

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INCHES (MILLIMETRES)  
REMOVE BURRS AND BREAK SHARP EDGES

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View showing reworking of existing brackets  
Fig.3



**B. Assembly Instructions**

- (1) Install the 6A5812 bracket assembly in accordance with approved procedures, Reference (2) Chapter/Section 72-00-40, Installation-09, Config-1 or Config-2.

**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
6A5812 (75-31-43)	1	124.00	Bracket, assy - Harness CP5560	6A5650 (01-090)	(A)(B)(1D) (S1)

C. Instructions/Disposition Code Statements:

- (A) New part is currently available.
- (B) Old part is no longer available.
- (1D) Old part may be reworked and reidentified to the new part no.
- (S1) New and old parts are not interchangeable, either physically or functionally.

NOTE: The estimated 1996 unit prices shown are provided for planning purposes only and do 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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