



## SERVICE BULLETIN

AIR - HPC BLEED AIR TUBES - INTRODUCTION OF TUBES WITH CLIPPING LUGS TO SUPPORT  
RE-ROUTED EBU FIRE DETECTION RAIL - CATEGORY CODE 6 - MOD.ENG-75-0050

1. Planning InformationA. Effectivity

- (1) Aircraft : Airbus A320
- (2) Engine : (a) V2500-A1 Engines prior to serial No.V0326  
(b) V2527-A5 Engines Serial Nos.V10010 and V10011.

B. Concurrent Requirements

This Service Bulletin can be accomplished prior to the introduction of the modified fire detection rail (Service Bulletin V2500-NAC-26-0005) but is essential when the modified firerail is installed.

C. Reason

## (1) Condition

See 'Background'

## (2) Background

A foul condition can occur between the fan cowl door No.3 latch and the EBU accessory zone fire detection rail during closure of the door.

To overcome this, a re-routed firerail has been introduced by Service Bulletin V2500-NAC-26-0005. This change required the introduction of 3 lugs on two of the engine handling bleed air tubes to which the rail can be clipped.

## (3) Objective

To make provision for the fitment of a modified EBU fire detection rail.

## (4) Substantiation

Due to the minor nature of the change no testing is considered necessary. A trial assembly on a mock-up engine was carried out successfully.

## (5) Effect of Bulletin on Workshop Procedures:

V2500-ENG-75-0050



## SERVICE BULLETIN

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 the following changes:

- (1) In the buffer air supply line from the bifurcation panel to the air bleed solenoid valves, the centre tube has two clip support lugs added.
- (2) In the air supply line from the HP7 solenoid valve (51.9 deg.) to the bifurcation panel, the centre tube has one clip support lug added.

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

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.

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.

V2500-ENG-75-0050



## SERVICE BULLETIN

- (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<br>(Power Plant Station (PPS) 100) |

K. Electrical Load Data

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

L. References

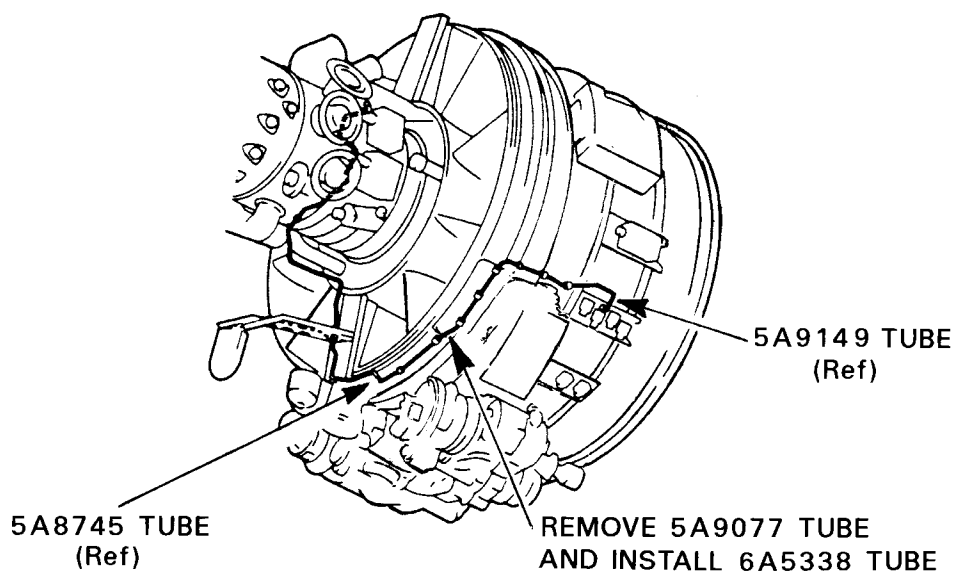
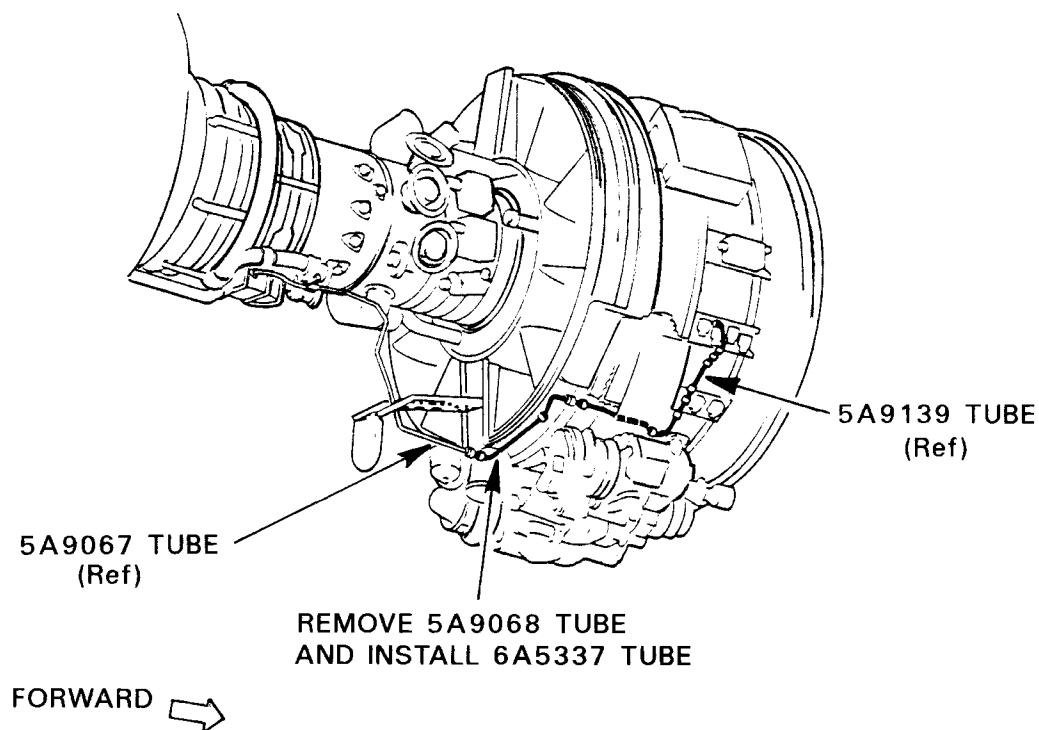
- (1) Internal Reference No.

EC93VR009

M. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalog (S-V2500-1IA), Chapter/Section 75-32-49.
- (2) V2500 Engine Illustrated Parts Catalog (S-V2500-2IA), Chapter/Section 75-32-49.
- (3) V2500 Component Maintenance Manual (CMM-THD-V2500-1IA), 75-32-49, Cleaning -00 and -01, Inspection/Check -00 and -01, will be revised.
- (4) V2500 Engine Manual (E-V2500-1IA) 72-00-32, Installation-03 CONFIG-01,

V2500-ENG-75-0050



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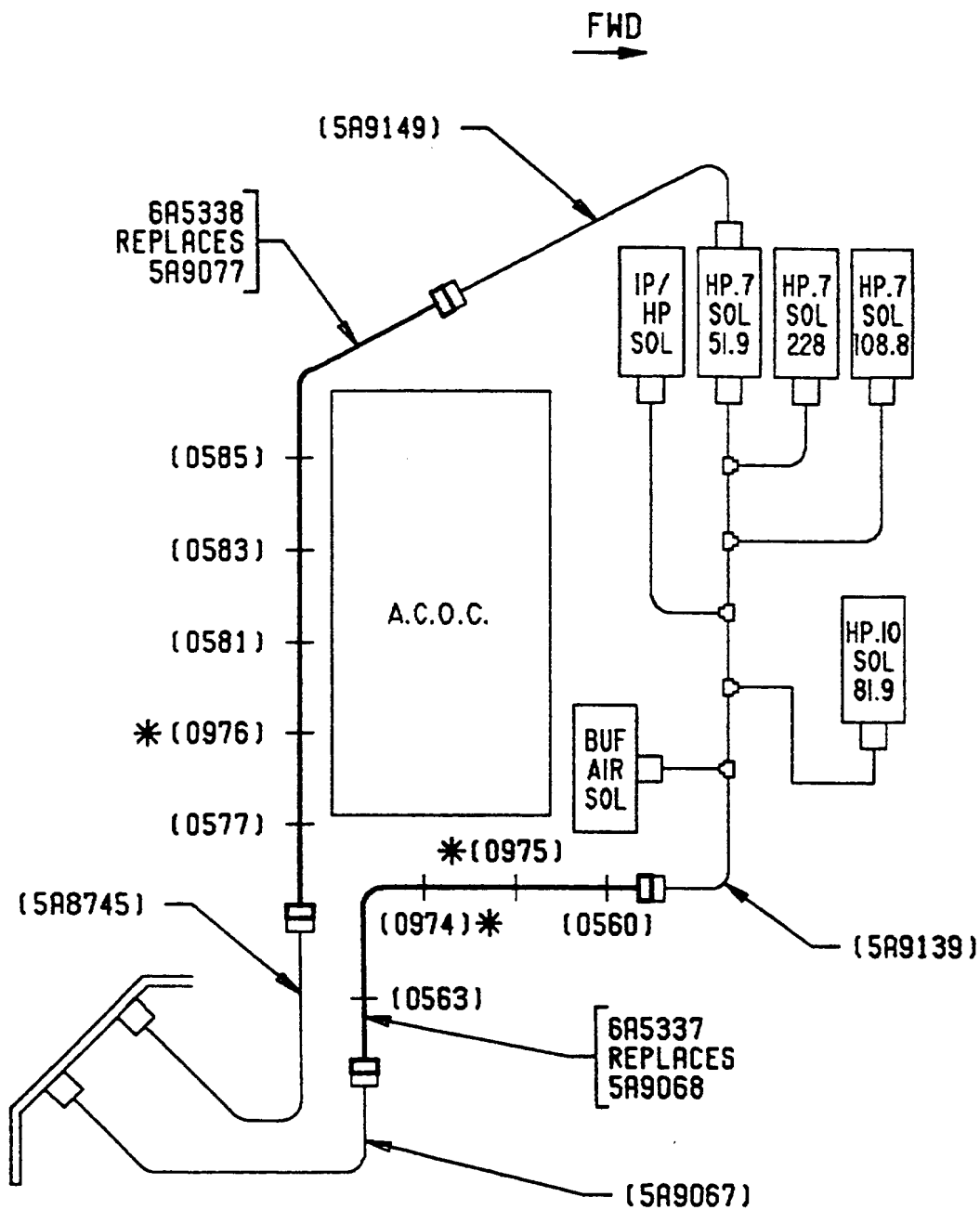
Location of HP compressor bleed air tubes  
Fig.1

V2500-ENG-75-0050



## SERVICE BULLETIN

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\*ADDITIONAL EBU CLIPS

Schematic view of HP compressor bleed air tubes - Before and after alteration  
Fig.2

V2500-ENG-75-0050



2. Accomplishment Instructions

A. Rework Instructions

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

B. Assembly Instructions

- (1) Install the 6A5337 and 6A5338 air tube assemblies in accordance with approved procedures, Engine Manual, Task 72-00-32-420-003-A00 and Task 72-00-32-420-003-B00. Refer to Figure 1 and Figure 2.

C. Recording Instructions

- (1) A record of accomplishment is necessary.

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
6A5337 (75-32-49)	1		Tube assy - Air, HP Bleed Solenoid Valves	5A9068 (02-100)	(A)(B)(S1)
6A5338 (75-32-49)	1		Tube assy - Air, HP 7th Stage Bleed Valve	5A9077 (11-500)	(A)(B)(S1)

C. Instruction/Disposition Code Statements

(A) New part is currently available

(B) Old part will no longer be available

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

NOTE: The estimated 1994 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.

