



ENGINE - FUEL AND CONTROL - PROVIDE NEW PRESSURE CONTROL MANIFOLDS WITH IMPROVED  
CLIPPING - CATEGORY CODE 6 - MOD.ENG-73-0004

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engines Prior To V0084 and Engine Serial Numbers V0118, V0120 and V0199.

B. Reason

(1) Condition

Chafing may occur on both pressure control manifolds at clip position.

(2) Background

When using clamps with stainless steel wire mesh cushions, chafing was found. Brazed wear sleeves added to the tubes at clamping points eliminates the condition.

(3) Objective

- (a) To prevent chafing on the manifold.
- (b) To provide a more reliable pressure control manifold.

(4) Substantiation

Not necessary.

(5) Effects of bulletin on:

Removal/Installation	Not Affected
Disassembly/Assembly	Not Affected
Cleaning	Not Affected
Inspection/Check	Not Affected
Repair	Not Affected
Testing	Not Affected

C. Description

New pressure control manifold with wear sleeves brazed at the clamping position and new clamps are provided. See Figure 1.

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**D. 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 Module listed.

**E. Compliance**

Category Code 6

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

**F. Manpower**

Estimated man-hours to incorporate the intent of this Bulletin:

Venue	Estimated Manhours
(1) In service .. .. .	Not Applicable
(2) at overhaul .. .. .	Not Applicable (Parts are accessible at overhaul)

**G. Material – Price and Availability**

- (1) Modification Kit not required.
- (2) See Section 3. for prices and availability of future spares.

**H. Tooling – Price and Availability**

Special tools are not required.

**I. Weight and Balance**

- |                           |  |
|---------------------------|--|
| (1) Weight change .. .. . | None   |
| (2) Moment arm .. .. .    | No effect  |
| (3) Datum .. .. .         | Engine front mount centerline<br>(Powerplant station P.P.S. 100) |

**J. Electrical Load Data**

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

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K. References

- (1) Internal Reference No.

EC88VF070

- (2) Other references

IAE Engineering change 88VF070

V2500 Engine Manual- Chapter 72-00-50 Installation 07

V2500 Engine Illustrated Parts Catalog

L. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalog, Chapter/Section 73-22-51, will be revised to add the new parts.

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2. Accomplishment Instructions

A. Rework instructions

(1) There are no rework instructions required for this bulletin.

B. Assembly Instructions

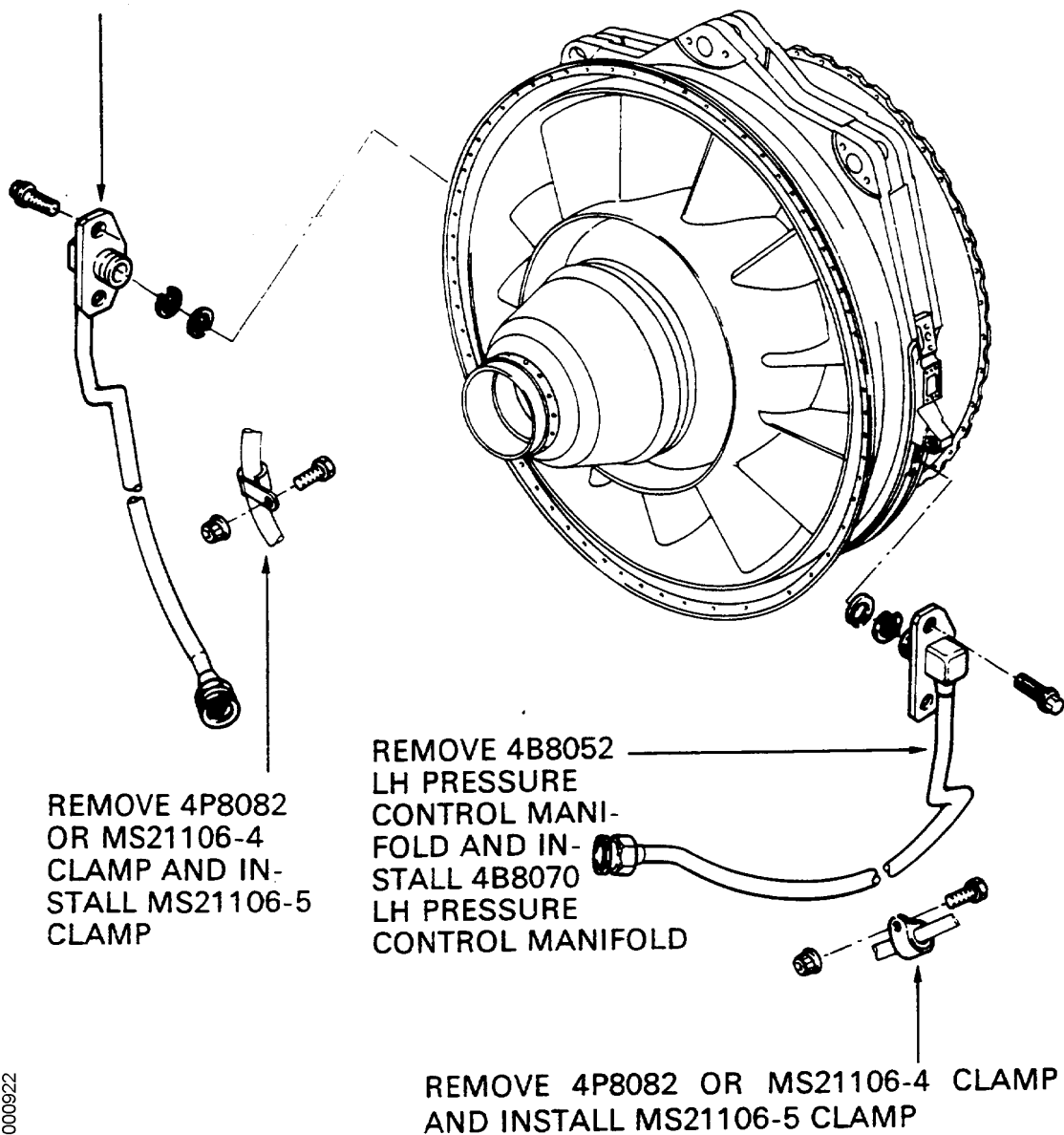
(1) Install the new manifolds by the approved procedures in reference (2)



## SERVICE BULLETIN

Printed in Great Britain

REMOVE 4B8051 RH PRESSURE CONTROL  
MANIFOLD AND INSTALL 4B8069 RH  
PRESSURE CONTROL MANIFOLD



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Location of Pressure Control Manifolds  
Fig.1

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## 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 Service Bulletin

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
4B8069 (73-22-51)	1	565.00	.Manifold, RH Pressure Control	4B8051 (01-050)	(A)(B)(S1)
MS21106-5 (73-22-51)	1	5.39	.Clamp	4P8082 (01-100)	(A)(B)(S2)
- (73-22-51)	1	-	.Clamp	or MS21106-4 (01-100)	(A)(B)(S2)
4B8070 (73-22-51)	1	1235.00	.Manifold, LH Pressure Control	4B8052 (01-180)	(A)(B)(S1)
MS21106-5 (73-22-51)	1	5.39	.Clamp	4P8082 (01-230)	(A)(B)(S2)
- (73-22-51)	1	-	.Clamp	or MS21106-4 (01-230)	(A)(B)(S2)

C. Instructions/Disposition Code Statements

(A) New part is currently available for sale

(B) Old part is no longer be available.

(S1) Old and new parts coded (S1) are completely interchangeable.

(S2) Old parts coded (S2) cannot be used with new parts coded (S1) interchangeable.

NOTE: The estimated 1992 Unit Price shown are provided for planning purpose only and do not constitute a firm quotation. Contact IAE's Spare Parts Sales Department for information concerning firm prices.

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