

ENGINE - FUEL AND CONTROL - PROVIDE RE-ROUTED P4.9 PRESSURE CONTROL MANIFOLDS -  
CATEGORY CODE 7 - MOD.ENG-73-0050

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: Only V2500-A1 Engines before Serial No.V0299 and without Service Bulletin V2500-ENG-72-0063 incorporated

B. Concurrent Requirements

None

C. Reason

(1) Condition

Potential of limited clearance between thrust reverser heat shield and P4.9 manifold

(2) Background

Wear on P4.9 manifold has been reported in service.

(3) Objective

To provide proper clearance between the thrust reverser and P4.9 manifold.

(4) Substantiation

The tubes have been successfully tested in control service use

(5) Effect of Bulletin on Workshop Procedure:

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

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## (6) Supplemental Information

None

D. Description

This Service Bulletin introduce re-routed P4.9 pressure manifolds designed to proper clearance with the thrust reverser. In addition two new brackets have been 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 model listed.

F. Compliance

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Accomplish when supply of superseded parts have been depleted.

G. Manpower

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

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

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 |

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(3) Datum

Engine front mount centerline  
(Powerplant Station (P.P.S.) 100)

K. Electrical Load Data

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

L. References

(1) Internal Reference No.

EC93VF024

EC93VF024A

(2) Other references

Service bulletin V2500-ENG-72-0063

Service Bulletin V2500-ENG-73-0004

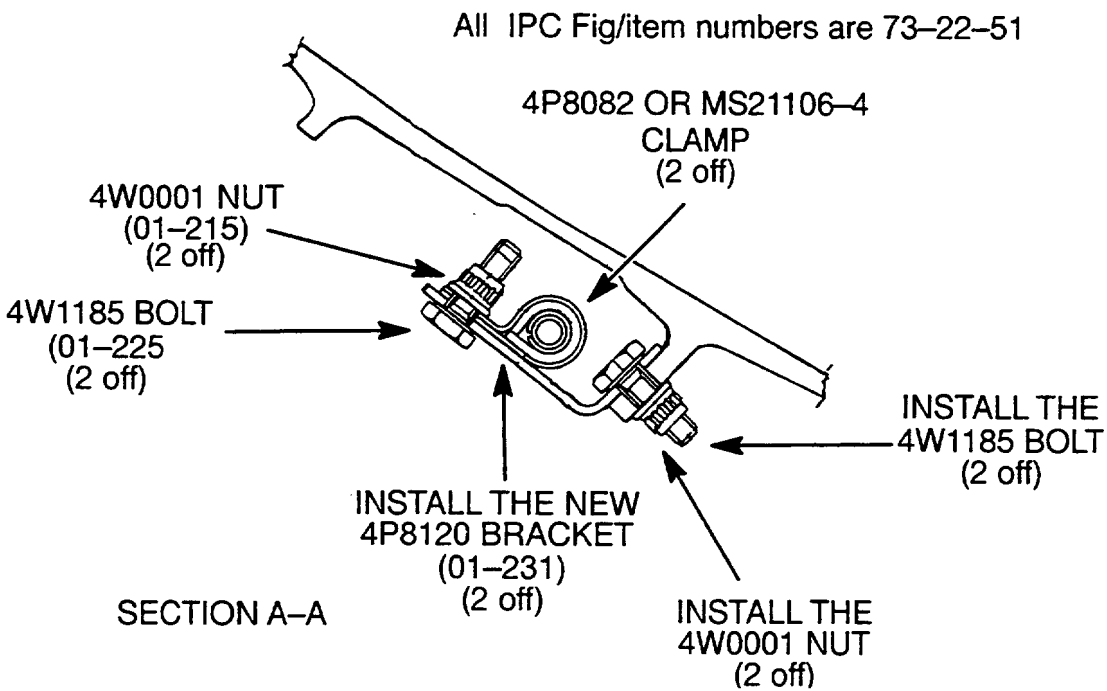
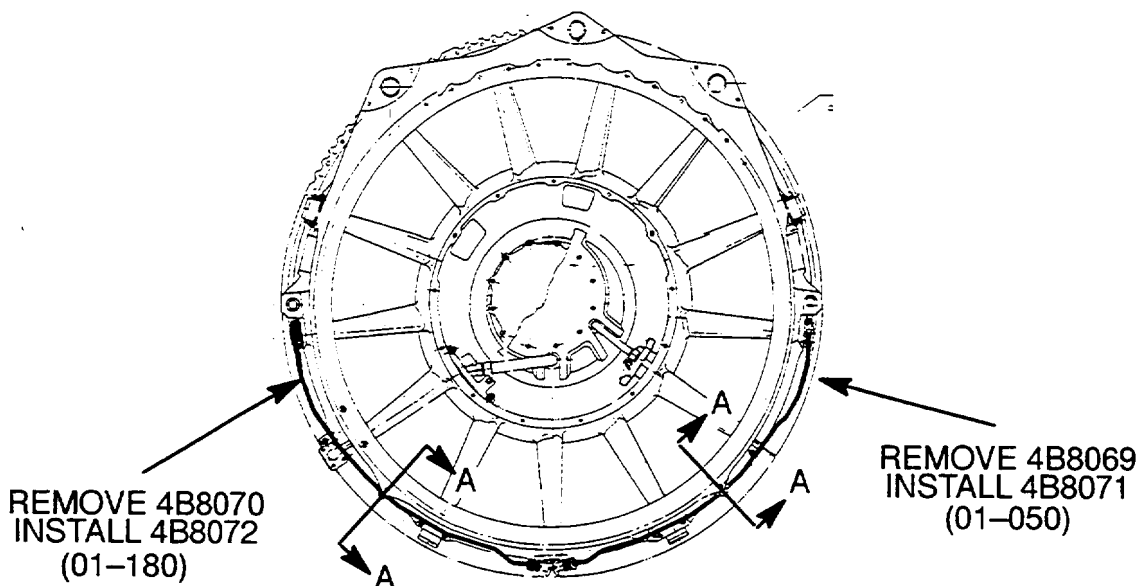
V2500 Aircraft Maintenance Manual

V2500 Standard Practices Manual

M. Other Publications Affected

- (1) The V2500 Illustrated Parts Catalogue, Chapter/Section 73-22-51 to add the new parts.
- (2) The V2500 Power Plant Illustrated Parts Catalogue, Chapter/Section 73-22-51 to add the new parts.
- (3) The V2500 Aircraft Maintenance Manual, Chapter/Section 73-22-51 will be revised
- (4) The V2500 Engine Component Maintenance Manual – Tubes, Hoses and Ducts Chapter/Section 73-22-51, Cleaning-00. Cleaning-01 Config-1, Inspection 00, Inspection-01 Config 1, Repair-001 VRS5179 will be revised to add new parts
- (5) The V2500 Engine Manual – Chapter/Section 72-00-50 Removal-01 Config-1 and Installation-01 Config-1 to add the new parts.

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Pressure control manifolds - New configuration  
Fig.1

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2. Accomplishment Instructions

A. Rework Instructions

There are no rework instructions necessary to accomplish this service Bulletin.

B. Installation Instructions

- (1) Install the two new 4P8120 brackets on to the TEC. See figure 1 for position and details. Install the bolts and the nuts. Torque the nuts and the bolts to 40 lbf·in (4,5 Nm.)
- (2) Install the new 4B8071 and 4B8072 pressure control manifolds by the approved procedure in Reference (3) Chapter/section 73-22-51, Removal/Installation.

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
4B8071 (73-22-51)	1	640.00	.Manifold, RH press. control	4B8069 (01-050)	(A)(S1)
4W0001 (73-22-51)	1	2.41	.Nut, option.	- (01-085)	(A)(S1)
4W1185 (73-22-51)	1	3.46	.Bolt, he.	- (01-095)	(A)(S1)
4P8120 (73-22-51)	1	12.00	.Bracket	- (01-105)	(A)(S1)
4B8072 (73-22-51)	1	648.00	.Manifold, LH press. control	4B8070 (01-180)	(A)(S1)
4W0001 (73-22-51)	1	2.41	.Nut, option.	- (01-215)	(A)(S1)
4W1185 (73-22-51)	1	3.46	.Bolt, he.	- (01-225)	(A)(S1)
4P8120 (73-22-51)	1	12.00	.Bracket	- (01-231)	(A)(S1)

C. Instructions/Disposition Code Statement

(A) New part currently available

(S1) New part coded (S1) must be installed as a complete set per engine.

NOTE: The estimated 1995 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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