



NACELLE - POWER PLANT - EEC COOLING - SUPPORT BRACKETS - REMOVAL/REPLACEMENT OF -
CATEGORY CODE 3 - MOD.ENG-71-0070

1. Planning Information

A. Effectivity

- (1) Airplane: Airbus A320
- (2) Engine: V2500-A1 Engines prior to Serial Number V0122, as delivered.

B. Reason

(1) Condition

Possible freezing of Pb sensing system under certain conditions.

(2) Background

This condition has been experienced in service.

(3) Objective

To eliminate a possible adverse effect of the EEC cooling system.

(4) Substantiation

Evaluation and subsequent engine testing without the EEC cooling system concluded the system was unnecessary.

(5) Impact of Bulletin on:

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

(6) Supplemental Information

The Post Service Bulletin configuration requires the instructions for the deletion of support brackets associated with the EEC cooling.

C. Description

- (1) The change introduced by this Bulletin is as follows:

V2500-ENG-71-0070



SERVICE BULLETIN

The EEC and ignition supply harness is rerouted slightly due to the removal of the EEC cooling. Three support brackets are removed and another is replaced. Two clipping points are removed and replaced by a single clipping point.

G. Material Cost and Availability

The parts to accomplish this Service Bulletin are available from the supplier-as Kit V2561070-551 at no cost to the operator.

Operators with units listed in Paragraph 1.A should submit a no charge purchase order for the applicable quantity of Kits. The purchase order must specify this service bulletin number and only the parts listed herein. Delivery schedules will be furnished to operators upon receipt of their written request.

Direct purchase order to:

Rohr Industries, Inc.
660 Bay Blvd.
Chula Vista, CA 92012-0878 USA
Attn: Customer Support Manager, BLDG. 850A.
(Service Bulletin No. V2500-ENG-71-0070)

H. Tooling Cost and Availability

None required

I. Weight and Balance

- (1) Weight Change.....None
- (2) Moment Arm.....No effect
- (3) Datum.....Engine Front Mount Centreline
.....Powerplant Station
.....PPS 100.00

J. Electrical Load Data

Not affected.

K. References

- (1) Internal Reference No

89VN130/A/B
- (2) Other References

V2500-ENG-71-0070



V2500 Aircraft Maintenance

L. Other Publications Affected

V2500 Engine Illustrated Parts Catalog 75-28-48

V2500 Aircraft Maintenance Manual 75-28-48

75-28-49

71-00-00

71-13-00

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V2500-ENG-71-0070



2. Accomplishment Instructions

A. Prerequisite Instructions

- (1) Open the right fan cowl door as specified in the V2500 Aircraft Maintenance Manual, Task 71-13-00-010-010.

B. Rework or Modification Instructions

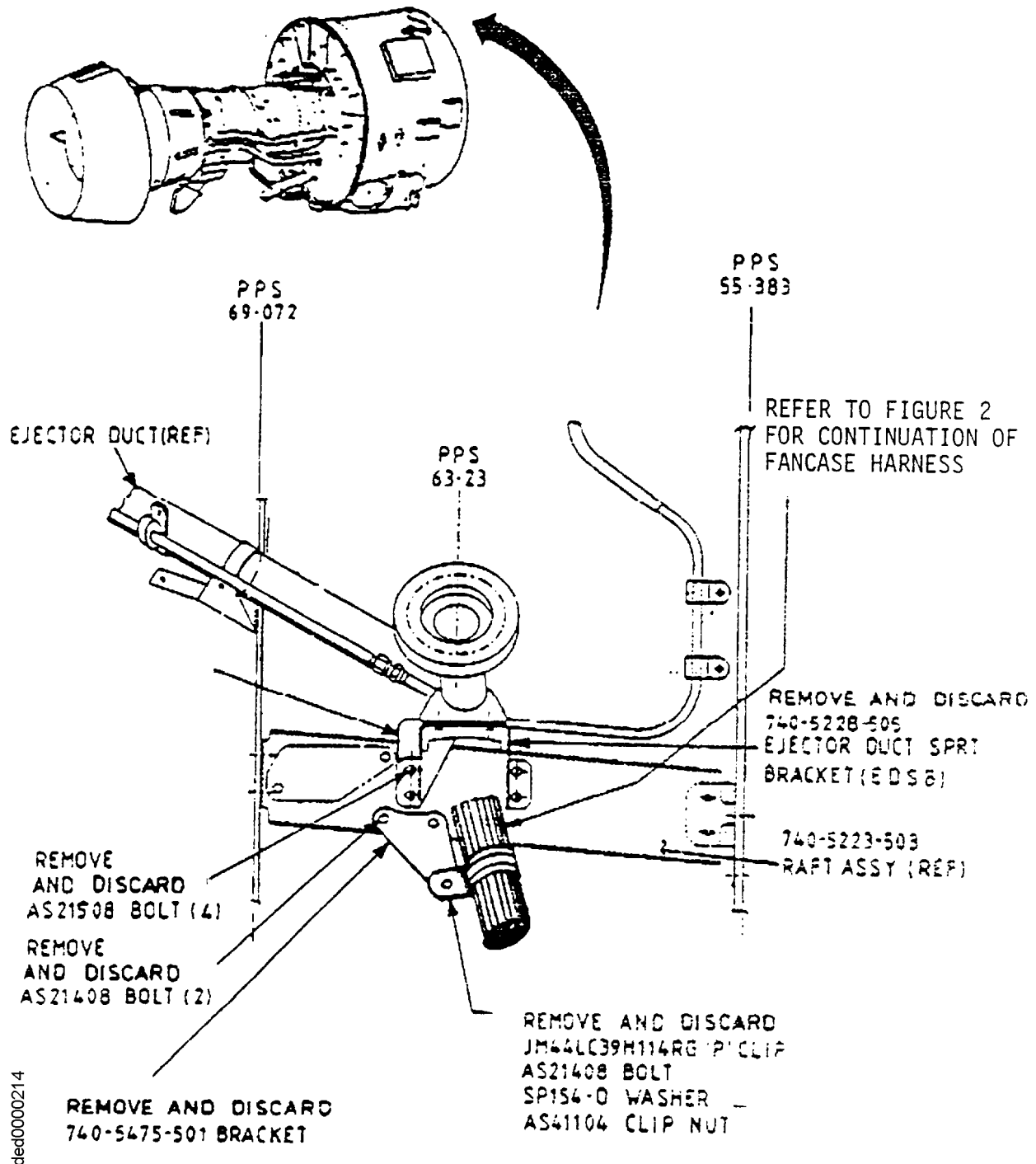
- (1) Remove four AS21058 bolts to release the 740-5228-505 ejector duct support bracket. (Refer to Figure 1.) Discard the bracket and the bolts.
- (2) Remove the JM44LC39H114G 'P' clip, AS21408 bolt, SP154-D washer, and AS41104 clip nut from the 740-5475-501 bracket. Discard the 'P' clip, bolt, washer, and clip nut.
- (3) Remove two AS21408 bolts to release the 740-5475-501 bracket. Discard the bracket and the bolts.
- (4) Remove the JM44LC39H114RG 'P' CLIP, AS21408 bolt, SP154-D washer, and AS41104 clip nut from the 740-5476-501 bracket. (Refer to Figure 2.) Discard the bracket and clip nut. Keep the bolt, washer, and 'P' clip.
- (5) Attach the fancase harness to the 740-5223-503 aft assembly (where shown) with the JM44LC39H114RG 'P' clip, SP154-D washer, and AS21408 bolt (retained in paragraph 2.B.(4)). Torque tighten to 40 lb-in. (4.52 N.m). (Refer to Figure 3.)
- (6) Remove and retain the JM44LC39H108 'P' clip, AS21408 bolt, AS1104 nut, and SP154-D washer from the 740-5229-501 bracket as shown. (Ref to Figure 4.)

NOTE: Do not remove the 'P' clip from the fancase harness.

- (7) Remove two AS21510 bolts and two AS20625 nuts to release the 740-5229501 bracket. Discard the bracket.
- (8) Install a new 740-5429-501 bracket (to the flange at PPS 69.072) as shown with the two AS21510 bolts and two AS20625 nuts retained in paragraph 2.B.(7). Install the other 740-54290501 bracket back to the flange at the same time. Torque tighten the nuts to 100 lb-in. (11.3 N.m).

SERVICE BULLETIN

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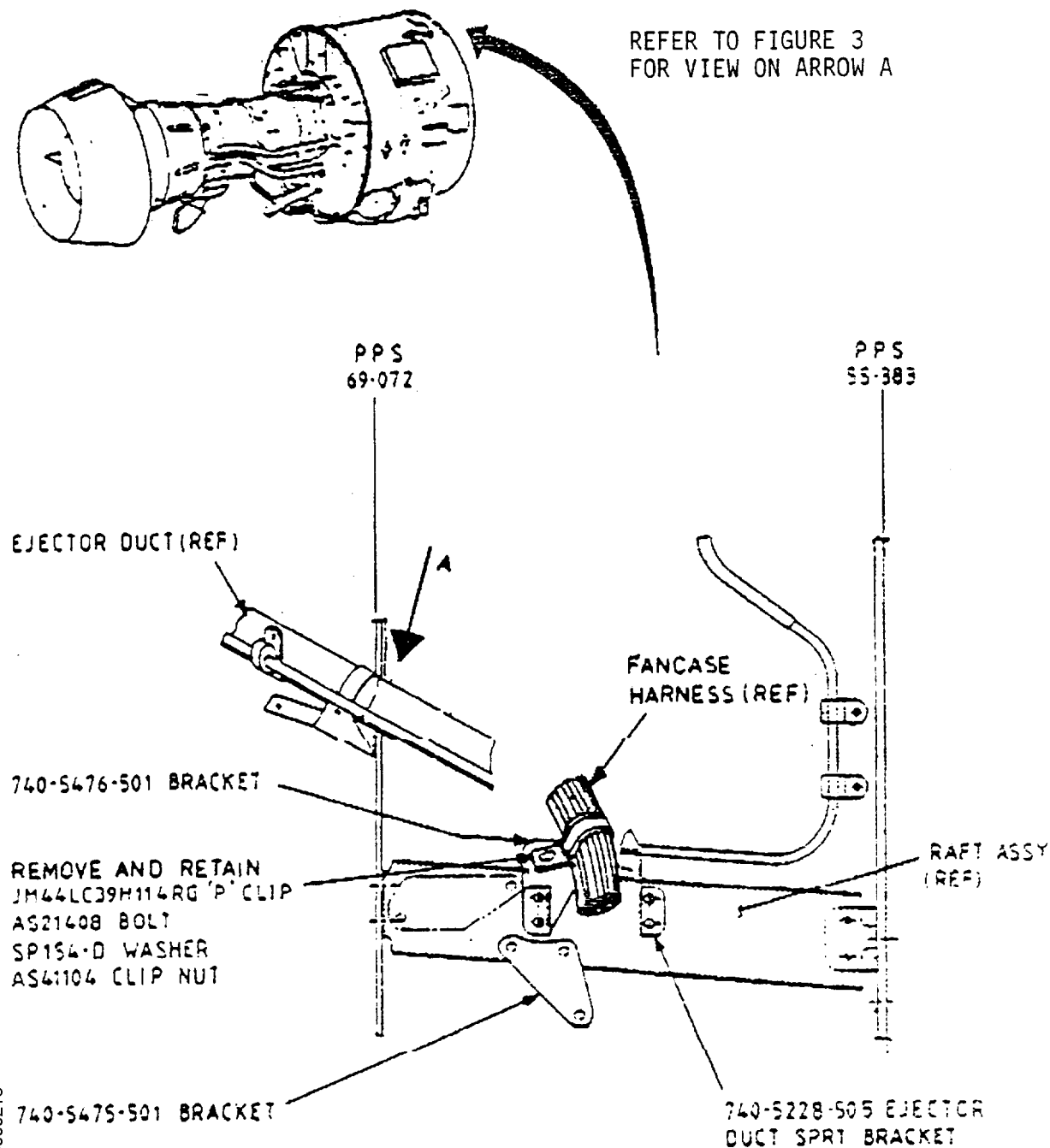


Removal of Fancase Harness and EEC Cooling Support Brackets Fig.1

V2500-ENG-71-0070



SERVICE BULLETIN



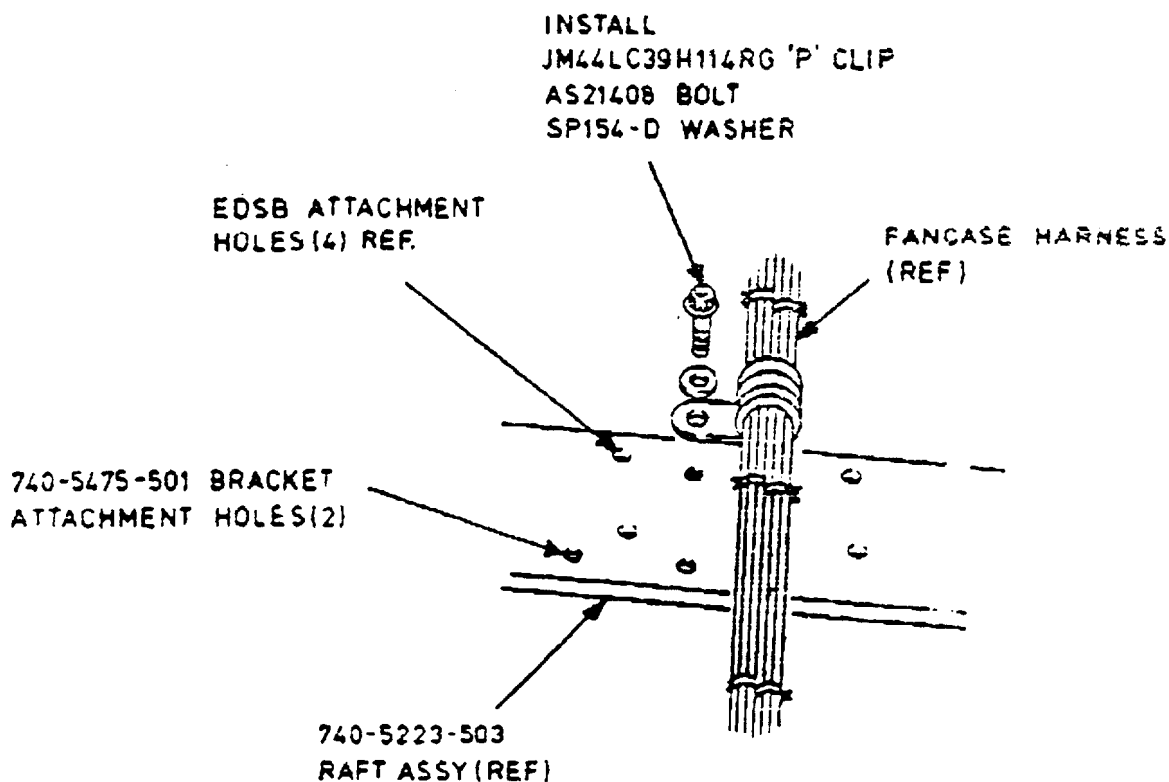
Removal of Fancase Harness and EEC Cooling Support Brackets
Fig.2

V2500-ENG-71-0070



SERVICE BULLETIN

NOTE: DO NOT USE THE ATTACHMENT HOLES
OF THE EDSB OR 740-5471-501 BRACKET



Attachment of the Fancase Harness to the Raft Assembly
Fig.3

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V2500-ENG-71-0070

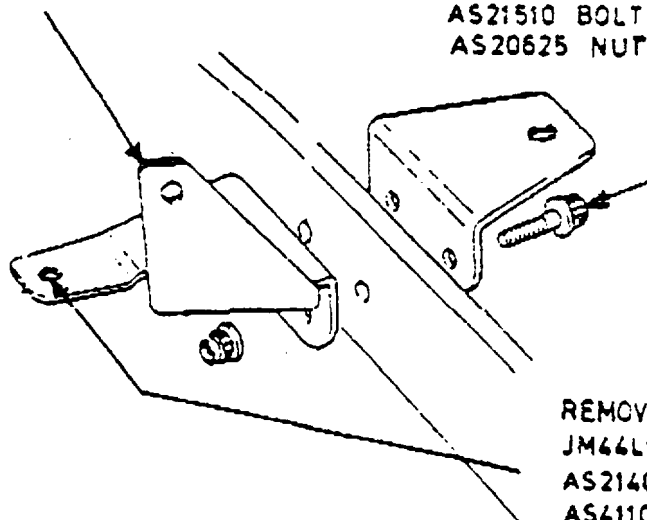


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REMOVE AND DISCARD
740-5229-501 BRACKET

REMOVE AND INSTALL
AS21510 BOLT (2)
AS20625 NUT (2)

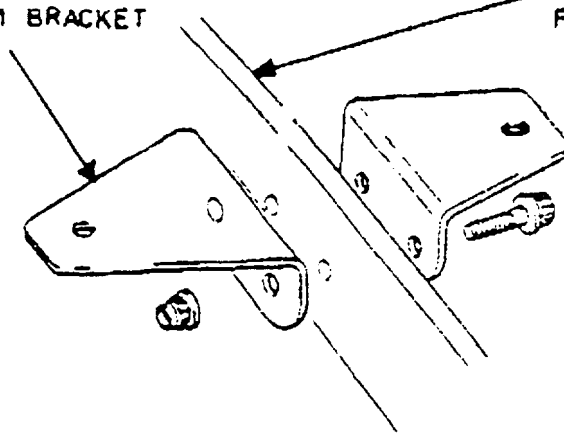


REMOVE AND INSTALL
JM44LC39H108 P CLIP
AS21408 BOLT
AS41104 NUT
SP154-D WASHER

VIEW ON ARROW A (BEFORE)

INSTALL
740-5429-501 BRACKET

FAI FLANGE (REF)
PPS 69-072



FANCASE HARNESS
NOT SHOWN

(AFTER)

Replacement of Support Bracket
Fig.4

V2500-ENG-71-0070



- (9) Attach the fancase harness to the new 740-5429-501 bracket with the JM44LC39H108 'P' CLIP, AS21408 bolt, AS41104 nut, and SP154-D washer removed in paragraph 2.B. (6). Torque tighten to 40 lb-in. (4.52 N.m).

C. Post-requisite Instructions

- (1) Close the right fan cowl door as specified in the V2500 Aircraft Maintenance Manual, Task 71-13-00-410-010.

D. Recording Instructions

- (1) A record of accomplishment is necessary.



SERVICE BULLETIN

3. Material Information

NEW PIN (ATA No.)	QTY	EST'D UNIT PRICE (\$)	KEYWORD	OLD PIN (IPC No.)	INSTR/ DISPOS
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Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with this Service Bulletin:

V2571070-551	1		Kit		(A)
consisting of:					

740-5429-501	1		Bracket		
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B. Parts Affected by this Service Bulletin:

740-5429-501	1	Bracket	740-5229-501	(B)	(1D)
71-51-42)			(05-930)		
--	1	Bracket	740-5475-501	(1D)	
(71-51-42			(05-810)		
--	1	Bracket	740-5476-503	(1D)	
(71-51-42)			(05-720)		
--	3	Bolt	AS21408	(1D)	
(71-51-42)			(01-230)		
--	1	'P' Clip	(05-814)		
(71-51-42)			JM44LC39H114RG	(1D)	
--	2	Nut	(01-233)		
(71-51-42)			AS41104	(1D)	
--	1	Washer	(01-229)		
(71-51-42			(01-237)		
			SP154-D	(1D)	
			(01-231)		

C. Instruction/Disposition Code Statements:

- (A) Kit will be available January, 1990.
- (B) New part supplied as detail of the kit.
- (1D) Discard the old part.

V2500-ENG-71-0070