



# SERVICE BULLETIN

ENGINE - POWER PLANT - EEC AND IGNITION SUPPLY HARNESS, CLIPPING POINT - MODIFICATION  
OF - CATEGORY CODE 4 - MOD.ENG-71-0029

## 1. Planning Information

### A. Effectivity

- (1) Airplane: Airbus A320
- (2) Engine: V2500-A1 Engines prior to Serial Number V0076,  
excluding V0068, V0072, and V0074.

### B. Reason

#### (1) Condition

The EEC and ignition supply harness may have inadequate clearance with the engine flange near the clipping point 0864.

#### (2) Background

Some installed harnesses could have unsatisfactory clearance with the engine flange. Because of this condition, the harness could rub against the engine flange when the engine is in operation. It is recommended to increase the clearance between the harness and the flange.

#### (3) Objective

To maintain engine reliability.

#### (4) Substantiation

It has been shown that the incorporation of this Service Bulletin will give a solution to the problem.

#### (5) Effects of Bulletin on:

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

#### (6) Supplemental Information:

Not affected.

V2500-ENG-71-0029

**C. Description**

(1) The changes introduced by this Service Bulletin are as follows:

A spacer and longer bolt are installed at clipping point 0864 on the engine fan case. This modification will increase the clearance between the EEC and ignition supply harness and the engine flange.

**D. Approval**

The Part Number Changes and/or part modifications described in Paragraphs 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-approved for the equipment model(s) listed.

**E. Compliance**

Category Code 4

Accomplish at the first visit of an Engine or Module to a maintenance base capable of compliance with the accomplishment instructions regardless of the planned maintenance action or the reason for Engine removal.

**F. Manpower**

Estimated Manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In Service	
(a) To gain access.....	0.2 M/HRS.
(b) To embody.....	0.5 M/HRS.
(c) To return engine to flyable status.....	0.2 M/HRS.
	TOTAL      0.9 M/HRS.

**G. Material Cost and Availability**

The parts to accomplish this Service Bulletin are available from the supplier as Kit V2571029-551 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.

**V2500-ENG-71-0029**



# SERVICE BULLETIN

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-71-0029)

## 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 Centerline  
.....(Powerplant Station  
.....PPS 100.00)

## J. Electrical Load Data

Not affected.

## K. References

- (1) Internal Reference No.  
  
89VN044
- (2) Other References  
  
V2500 Aircraft Maintenance Manual 71-13-00 70-23-11

## L. Other Publications Affected

V2500 Engine Illustrated Parts Catalog 71-51-42



## 2. Accomplishment Instructions

### A. Prerequisite Instructions

- (1) Open right hand fan cowl door as specified in the V2500 Aircraft Maintenance Manual, Task 71-13-00-010-010.
- (2) Find the 0864 clipping point on the engine fancase. (Refer to Figure 1.)

### B. Rework or Modification Instructions

- (1) Remove the AS21408 bolt, the SP154-D washer, and the AS20624 nut which attach the 'P' clip to the raceway. Discard the bolt. (Refer to Figure 2.)
- (2) Assemble the clipping point to the raceway as shown in the after configuration of Figure 2. Install the ST1698D48 spacer and attach the 'P' clip to the raceway with an AS21415 bolt, a SP154-D washer, and an AS20624 nut.
- (3) Torque the AS20624 nut to 40 lb-in. (4.52 N.m) as specified in the V2500 Aircraft Maintenance Manual, Task 70-23-11-911-010.

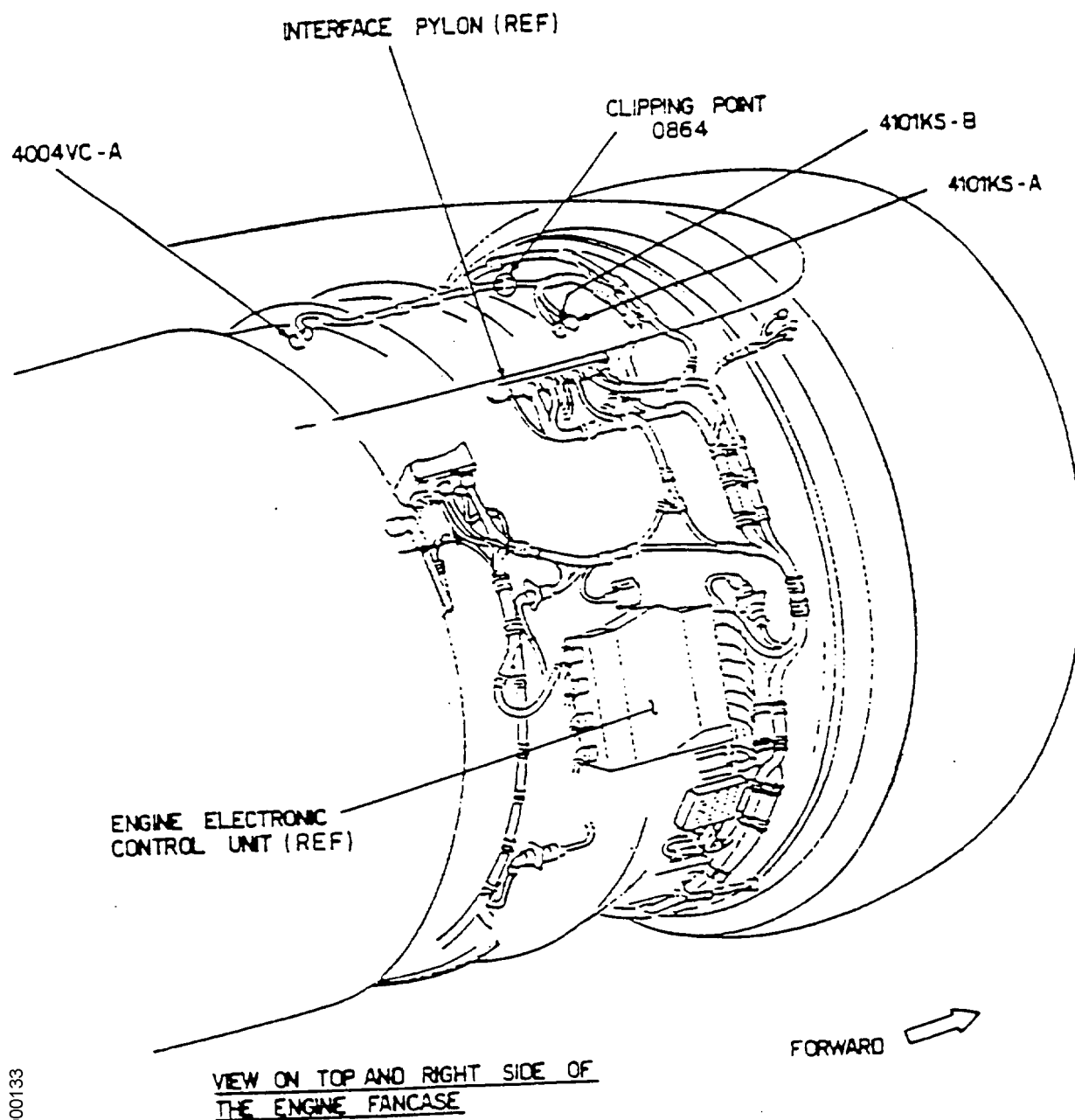
### C. Post-requisite Instructions

- (1) Close the right hand 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.

Printed in Great Britain



ded0000133

Location of Clipping Point 0864  
Fig.1

**V2500-ENG-71-0029**

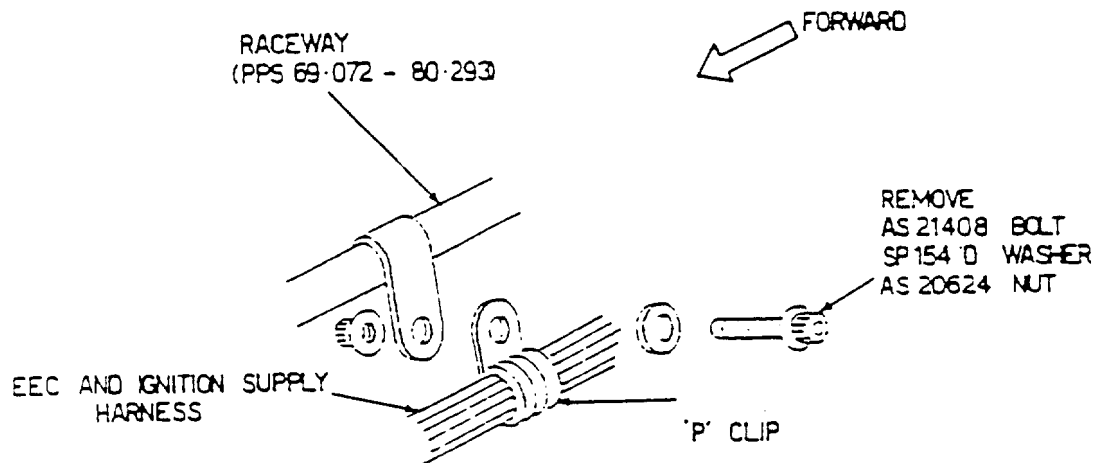
May.7/90

Page 5

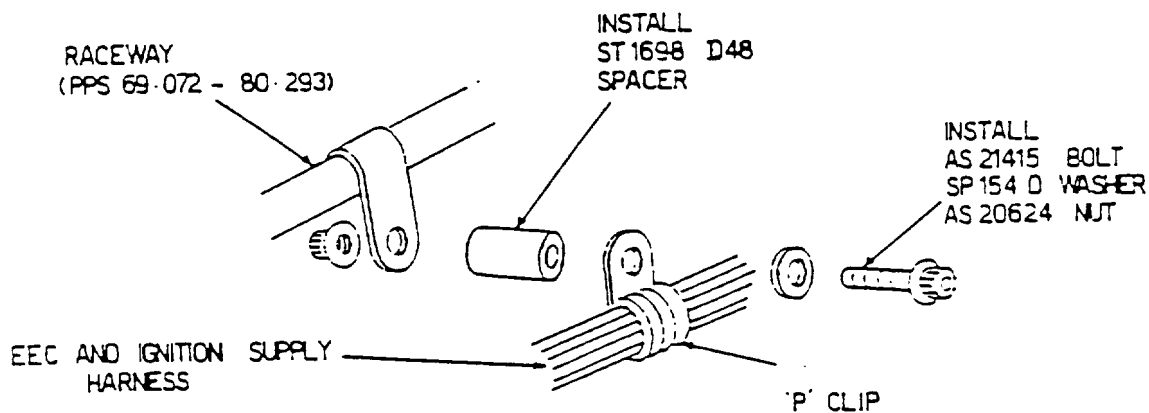


# SERVICE BULLETIN

Printed in Great Britain



BEFORE



AFTER

Clipping Point 0864  
Fig.2

V2500-ENG-71-0029

ded0000134



## SERVICE BULLETIN

3. Material Information

NEW PN (ATA NO.)	QTY	EST'D UNIT PRICE (\$)	KEYWORD	OLD PN (IPC NO.)	INSTR/ DISPOS
---------------------	-----	--------------------------	---------	---------------------	------------------

Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits Associated with this Service Bulletin:

V2571029-551	1		Kit		(A)
consisting of:					
ST1698D48	1		Spacer		
AS21415	1		Bolt		

B. Parts affected by this Service Bulletin:

AS21415	1	Bolt	AS21408	(B)(1D)
(71-51-42)			(01-262)	
ST698D48	1	Spacer	--	(B)
(71-51-42)			(01-264)	

C. Instructions/Disposition Code Statements:

- (A) Kit is available.
- (B) New part supplied as detail of the Kit.
- (1D) Discard the old part.

V2500-ENG-71-0029

May.7/90

Page 7

